

Making the railway system
work better for society.

Technical document

TAF TSI — ANNEX D.2: APPENDIX F — TAF TSI DATA AND MESSAGE MODEL

*In the Document History table, version are identified as x.n where
“x” is a correlative number assigned to an approved version when reaching a main milestones
“n” is a correlative number assigned to draft versions, starting by 1. “n”=0 means version approved
Information related to previous draft versions (i.e. 0.1, 0.2 etc.) shall be deleted from the table when a
subsequent approved version is issued.*

Document History

<i>Version</i>	<i>Date</i>	<i>Comments</i>
1.0	25.01.2011	Initial version
1.1	15.05.2012	New TAF TSI baseline 5.2

2.0	08.08.2013	All the chapters were revised due to the TAF TSI Revision Process and the TAF TSI CCM WP cycle 2012 – 2013. New TAF TSI baseline 5.3.
2.0	17.10.2013	Validated by the ERA TAF CCB on 11.09.2013
2.1	10.02.2015	All the chapters were revised due to the TAF TSI CCM WP cycle 2013 – 2014. Validated by the ERA TAF CCB on 10.02.2015. New TAF TSI baseline 2.1
2.2	18.03.2018	New TAF TSI baseline 2.2
2.2.2	16.06.2018	Validated by the ERA TAF CCB on 31.05.2018.
2.3.0	30.11.2018	Validated by the ERA TAF CCB on 28.11.2018.
2.3.1	16.04.2020	Hotfix 2.3.1
2.4.0	27.05.2020	Validated by the ERA TAF CCB on 27.05.2020
2.4.1	03.09.2020	Hotfix 2.4.1
2.5.0	15.12.2020	Validated by the ERA TAF CCB on 25.11.2020
3.0.0	15.06.2021	Validated by the ERA TAF CCB on 26.05.2021
3.1.0	15.12.2021	Validated by the ERA TAF CCB on 24.11.2021
3.2.0	15.06.2022	Validated by the ERA TAF CCB on 01.06.2022
3.3.0	15.12.2022	Validated by the ERA TAF CCB on 30.11.2022
3.4.0	15.06.2023	Validated by the ERA TAF CCB on 31.05.2023

Contents

1.	Summary	4
2.	Schema taf_cat_complete.xsd	4
3.	Schema taf_cat_codelists.xsd	803

Application:

With effect from 08 March 2012.

All actors of the European Union falling under the provisions of the TAF TSI.

1. Summary

The following document is a complete list of data elements and messages defined in the TAF-TSI data catalogue. It is represented in XML format.

This catalogue shall be used as a basis for message development. During the course of the technical specifications and the implementation phase, this catalogue may be modified and/or amended.

All the elements listed in appendixes B, C and D are contained within this catalogue and described in detail.

The TAF TSI data catalogue is split into two documents:

- › The schema TAF_CAT_COMPLETE.XSD, containing the messages and the main data elements of the TAF TSI
- › The schema TAF_CAT_CODELIST.XSD, containing the code lists of the TAF TSI

In accordance with Commission Regulation (EU) 2015/302 of 25 February 2015 amending Regulation (EU) No 454/2011 on the technical specification for interoperability relating to the subsystem ‘telematics applications for passenger services’, the technical document TAP TSI Technical Document B.30 attached to TAP TSI refers to the TAF TSI data catalogue. Therefore, for TAF TSI and TAP TSI there will share a unique RU/IM communication catalogue.

2. Schema taf_cat_complete.xsd

Schema **taf_cat_complete.xsd**

schema location: [taf_cat_complete.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.4>

Elements

[ActualEndDateTime](#)

[ActualETA](#)

[ActualETI](#)

[AdditionalInstruction](#)

[Address](#)

[AdministrativeContactInformation](#)

[AffectedLocation](#)

[AffectedSection](#)

Complex types

[CargoCodeType](#)

[CompositIdentifierOperationalType](#)

[CompositIdentifierPlannedType](#)

[ConsignmentIdent](#)

[CustomerCode](#)

[DanGoodsType](#)

[DimensionValue](#)

[IntermodalTransportDataType](#)

Simple types

[CommunicationRefID](#)

[CompanyCode](#)

[CountryIdentISO](#)

[CurrencyCode Type](#)

[DeltaTime](#)

[DerailmentDetectionDevice](#)

[EquipmentNumberType](#)

[EquipmentTypeType](#)

Attributes

[CI_InstanceNumber](#)

<u>AgainstBooked</u>	<u>LocationIdent</u>	<u>ForwardingRestrictionType</u>
<u>AgainstReferenced</u>	<u>TrainActivityType</u>	<u>FreeText</u>
<u>AgreedTimeOfDelivery</u>	<u>WagonTelematics</u>	<u>LoadUnitNumberType</u>
<u>AirBrake</u>		<u>Money_Type</u>
<u>AirBrakedMass</u>		<u>Name</u>
<u>AlertMessage</u>		<u>NHMCodeType</u>
<u>AllocationCompany</u>		<u>Numeric1-5</u>
<u>Altitude</u>		<u>Numeric1-6</u>
<u>ArrivalAtDestination</u>		<u>Numeric2-2</u>
<u>ArrivalInterchangeReport</u>		<u>Numeric3-3</u>
<u>ArrivalTimeAtDestination</u>		<u>Numeric4-4</u>
<u>ArrivalTimeAtLocation</u>		<u>Percentage</u>
<u>ArrivalTimeAtLocationActual</u>		<u>Speed</u>
<u>ArrivalTrackAtLocation</u>		<u>String1-10</u>
<u>AssociatedAttachedLocationIdent</u>		<u>String1-14</u>
<u>AssociatedAttachedOTN</u>		<u>String1-5</u>
<u>AssociatedAttachedTimingAtLocation</u>		<u>String1-7</u>
<u>AssociatedAttachedTrainID</u>		<u>String1-8</u>
<u>AssociatedAttachedTrainServiceNumber</u>		<u>String4-4</u>
<u>BitmapDays</u>		<u>String5-5</u>
<u>BogiePitch</u>		<u>String5-8</u>
<u>BogieWagonsOnly</u>		<u>Time</u>
<u>BookedLocationDateTime</u>		<u>VolumeValue</u>
<u>BookedLocationTime</u>		<u>WagonIdent</u>
<u>BrakeWeight</u>		<u>WeightValueKilo</u>
<u>BrakingRatio</u>		<u>WeightValueTonne</u>
<u>CarrierStatus</u>		
<u>ChangeofTrackMessage</u>		
<u>CityTown</u>		
<u>ClosingTime</u>		
<u>Coasting</u>		
<u>Comments</u>		
<u>CommitmentETA</u>		
<u>Company</u>		
<u>ConsignmentNumber</u>		
<u>ConsignmentOrderMessage</u>		
<u>ContainerHandlingFlag</u>		
<u>ContractNumber</u>		
<u>ContractNumberMovement</u>		
<u>CoordinatingIM</u>		
<u>Core</u>		
<u>CountryCodeISO</u>		
<u>CreateDateTime</u>		
<u>Customer</u>		
<u>CustomerNumber</u>		
<u>Customers</u>		
<u>DangerousGoodsIndication</u>		

[DangerousGoodsIndicator](#)
[DangerousGoodsVolume](#)
[DangerousGoodsWeight](#)
[Date](#)
[DateLastOverhaul](#)
[DateNextOverhaul](#)
[DatePutIntoService](#)
[DeclarationText](#)
[DelayCause](#)
[DelayCauseTime](#)
[DelayCodingDateTime](#)
[DelayEventDateTime](#)
[DelayEventReport](#)
[DelayLocation](#)
[DelayMinutes](#)
[DeliveryAtDestination](#)
[DeliveryReference](#)
[DeliveryTimeAtDestination](#)
[DeliveryTimeAtInterchange](#)
[DepartureInterchangeReport](#)
[DepartureJourneyTrack](#)
[DepartureTimeAtLocation](#)
[DepartureTrackAtLocation](#)
[Destination](#)
[Dimensions](#)
[DwellTime](#)
[eMail](#)
[EmergencyBrakeOverride](#)
[EndDate](#)
[EndDateTime](#)
[EndLocation](#)
[ErrorMessage](#)
[EstimatedEndDateTime](#)
[ExceptionalGaugingCode](#)
[ExceptionalGaugingIdent](#)
[ExceptionalGaugingInd](#)
[ExceptionalGaugingProfile](#)
[ExceptionPoint](#)
[ExceptionReason](#)
[ExceptionTimeAtLocation](#)
[FaxNumber](#)
[FerryPermittedFlag](#)
[FreeTextField](#)
[FreightFlag](#)
[GeographicalCoordinates](#)
[GeographicCoordinates](#)
[GeoLocalisation](#)
[GeoLocalisationOnNetwork](#)

[GNSS_DynamicPosition](#)

[Goods](#)

[GoodsDescription](#)

[GoodsInWagon](#)

[GrossWeight](#)

[HandBrake](#)

[HandlingInstruction](#)

[HandoverPointFlag](#)

[Height](#)

[HighestPlannedSpeed](#)

[Identifiers](#)

[ILU](#)

[ILU_Details](#)

[ILU_Type](#)

[IM_Partner](#)

[ImpactedRU](#)

[IntermediateDestination](#)

[InternalReferenceIdentifier](#)

[InterruptionDateTime](#)

[InterruptionDescription](#)

[InterruptionInformation](#)

[InterruptionPoint](#)

[InterruptionReason](#)

[ITU](#)

[ITU_Details](#)

[ITU_Type](#)

[JourneySection](#)

[JourneySectionDestination](#)

[JourneySectionOrigin](#)

[KeeperShortNameVKM](#)

[LastModifiedDateTime](#)

[Latitude](#)

[LeadRU](#)

[Length](#)

[LengthOfSetOfCarriages](#)

[LengthOverBuffers](#)

[LoadArea](#)

[LoadingCapacity](#)

[LoadingFacility](#)

[LoadingStatus](#)

[LoadingTackles](#)

[Location](#)

[LocationActualTrack](#)

[LocationDateTime](#)

[LocationFileDatasetMessage](#)

[LocationModified](#)

[LocationPlannedTrack](#)

[LocationPrimaryCode](#)

[LocationPrimaryInformation](#)

[LocationPrimaryName](#)

[LocationSubsidiaryCode](#)

[LocationSubsidiaryIdentification](#)

[LocationSubsidiaryInformation](#)

[LocationSubsidiaryName](#)

[LocoNumber](#)

[LocoTypeNumber](#)

[Longitude](#)

[MaxAxleWeight](#)

[MaxDesignSpeed](#)

[MaxGrossWeight](#)

[MaxLengthOfLoad](#)

[MaxTemp](#)

[Measure](#)

[MessageDateTimeCreated](#)

[MessageHeader](#)

[MessageIdentifier](#)

[MessageReference](#)

[MessageRoutingID](#)

[MessageType](#)

[MessageTypeVersion](#)

[MinBrakedWeightPercent](#)

[MinCurveRadius](#)

[MinTemp](#)

[MinVerticalRadiusYardHump](#)

[ModificationReason](#)

[ModificationStatusIndicator](#)

[Name](#)

[NetworkProjectedLocation](#)

[NetworkSpecificParameter](#)

[NextIntermediateDestination](#)

[NextResponsibleRU](#)

[NHM Code](#)

[Noise](#)

[NoiseByPassLimit](#)

[Notes](#)

[NumberOfAxles](#)

[NumberOfBogies](#)

[NumberOfVehicles](#)

[ObjectType](#)

[Offset](#)

[OffsetToReference](#)

[OnDemandPath](#)

[OperationalTrainCouplingStrength](#)

[OperationalTrainNumber](#)

[OperationalTrainNumberIdentifier](#)

[OriginCountry](#)

[OverhaulValidityPeriod](#)
[ParkingBrakeForce](#)
[PassengerFlag](#)
[PathCanceledMessage](#)
[PathConfirmedMessage](#)
[PathDetailsMessage](#)
[PathDetailsRefusedMessage](#)
[PathInformation](#)
[PathNotAvailableMessage](#)
[PathRequestMessage](#)
[PermittedTolerance](#)
[PhoneNumber](#)
[PickupTimeAtLocation](#)
[PlannedCalendar](#)
[PlannedDateNextOverhaul](#)
[PlannedJourneyLocation](#)
[PlannedSpeed](#)
[PlannedTrainData](#)
[PlannedTrainTechnicalData](#)
[PlannedTransportIdentifiers](#)
[PostalCode](#)
[PreArrangedPath](#)
[PreviousConsignmentNumber](#)
[PreviousResponsibleRU](#)
[PrimaryLocationName](#)
[ProductionStation](#)
[PushPullTrain](#)
[Quantity](#)
[ReceiptConfirmationMessage](#)
[Recipient](#)
[ReferencedLocationDateTime](#)
[ReferenceNumbers](#)
[ReferenceOTN](#)
[ReferenceTrainIDSubCalendar](#)
[RegenerativeBrake](#)
[RelatedIdentifier](#)
[RelatedPlannedTransportIdentifiers](#)
[RelatedReference](#)
[RelatedSenderReference](#)
[RelatedTransportOperationalIdentifiers](#)
[Remarks](#)
[RequestedCalendar](#)
[RequestedPeriod](#)
[RequestedTimeframe](#)
[ResponsibilityActualSection](#)
[ResponsibilityNextSection](#)
[ResponsibleApplicant](#)
[ResponsibleIM](#)

[ResponsibleRU](#)
[RestrictionsDueToLoadOrDamage](#)
[RevisedRequest](#)
[RID](#)
[RollingRoadUnit](#)
[RollingStockDataset](#)
[RollingStockDatasetMessage](#)
[RollingStockDatasetQueryMessage](#)
[RouteInformation](#)
[Routing](#)
[RP Code](#)
[RU Partner](#)
[ScheduledDateTimeAtTransfer](#)
[ScheduledTimeAtHandover](#)
[ScheduledTimeAtLocation](#)
[Seals](#)
[Sender](#)
[SenderReference](#)
[Ship](#)
[SpecialTreatments](#)
[SRID](#)
[StartDate](#)
[StartDateTime](#)
[StartLocation](#)
[Station](#)
[StatusOfDocument](#)
[SummaryOFGoodsWithSameRID](#)
[TechnicalForwardingRestrictions](#)
[TiltingFunction](#)
[TimetableYear](#)
[TimingAtLocation](#)
[TotalLoadWeight](#)
[TotalWeight](#)
[TractionDetails](#)
[TractionPositionInTrain](#)
[TractionWeight](#)
[TrafficType](#)
[TrainActivity](#)
[TrainActivityType](#)
[TrainAtLocation](#)
[TrainCC System](#)
[TrainCompositionJourneySection](#)
[TrainCompositionMessage](#)
[TrainContactDetails](#)
[TrainDelay](#)
[TrainDelayCauseMessage](#)
[TrainForecastAtReportingLocationMessage](#)

[TrainID](#)[TrainInformation](#)[TrainJourneyModification](#)[TrainJourneyModificationIndicator](#)[TrainJourneyModificationMessage](#)[TrainJourneyModificationTime](#)[TrainJourneyStartTime](#)[TrainLength](#)[TrainLocationReport](#)[TrainLocationStatus](#)[TrainMaxSpeed](#)[TrainNotAtInterruptionPoint](#)[TrainOperationalIdentification](#)[TrainReadyMessage](#)[TrainReadyStatus](#)[TrainRunningData](#)[TrainRunningForecastMessage](#)[TrainRunningInformationMessage](#)[TrainRunningInterruptionMessage](#)[TrainRunningTechData](#)[TrainStartTime](#)[TrainWeight](#)[TransfereelM](#)[TransferPoint](#)[TransportInstruction](#)[TransportOperationalIdentifiers](#)[TypeOfIMHarmonization](#)[TypeOfInformation](#)[TypeOfRequest](#)[TypeOfRUHarmonization](#)[TypeofService](#)[UltimateDestinationCountry](#)[UN Number](#)[ValidityPeriod](#)[Value](#)[Variant](#)[VesselIndication](#)[VesselName](#)[Volume](#)[WagonArrivalNoticeMessage](#)[WagonAtDeparture](#)[WagonData](#)[WagonDeliveryNoticeMessage](#)[WagonDepartureNoticeMessage](#)[WagonDeviationMessage](#)[WagonETI ETA Message](#)[WagonEventInformation](#)[WagonExceptionMessage](#)

[WagonExceptionReasonMessage](#)

[WagonExceptionReport](#)

[WagonInformation](#)

[WagonLength](#)

[WagonLocationStatus](#)

[WagonMaxSpeed](#)

[WagonNumberFreight](#)

[WagonNumberOfAxles](#)

[WagonOperationalData](#)

[WagonPickupAtOrigin](#)

[WagonReleaseNoticeMessage](#)

[Wagons](#)

[WagonTechData](#)

[WagonTrainPosition](#)

[WagonWeightEmpty](#)

[WagonYardArrivalMessage](#)

[WagonYardDepartureMessage](#)

[WeightOfSetOfCarriages](#)

[WheelDiameter](#)

[WheelsetGauge](#)

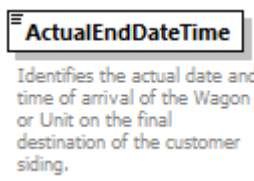
[Width](#)

[WIMO Dataset](#)

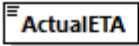
[YardArrival](#)

[YardDeparture](#)

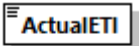
element **ActualEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="ActualEndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ActualETA**

diagram	 <p>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="ActualETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ActualETI**

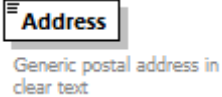
diagram	 <p>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element WagonDeviationMessage
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre><xs:element name="ActualETI" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>

element **AdditionalInstruction**

diagram	 <p>Additional instructions regarding the wagon or shipment in free text</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Additional instructions regarding the wagon or shipment in free text									
source	<pre><xs:element name="AdditionalInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Additional instructions regarding the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Address**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	element AdministrativeContactInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Generic postal address in clear text									
source	<pre><xs:element name="Address" type="FreeText"> <xs:annotation> <xs:documentation>Generic postal address in clear text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AdministrativeContactInformation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Name Address eMail PhoneNumber FaxNumber FreeTextField</p>
<p>used by</p>	<p>elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage</p>
<p>annotation</p>	<p>documentation Used to define administrative contact information</p>
<p>source</p>	<pre><xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element ref="Address" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> <xs:element ref="PhoneNumber" minOccurs="0"/> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AffectedLocation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location LocationDateTime OperationalTrainNumberIdentifier</p>
<p>used by</p>	<p>element ReceiptConfirmationMessage</p>
<p>annotation</p>	<p>documentation Affected location</p>
<p>source</p>	<pre><xs:element name="AffectedLocation"> <xs:annotation> <xs:documentation>Affected location </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AffectedSection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>

properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumberIdentifier PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage
annotation	documentation Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path
source	<pre> <xs:element name="AffectedSection"> <xs:annotation> <xs:documentation>Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AffectedSection/StartOfSection**

<p>diagram</p>	<p>The diagram illustrates the structure of the StartOfSection element. It is a complex type that extends the LocationIdent base type. The LocationIdent base type includes the following elements:</p> <ul style="list-style-type: none"> CountryCodeISO: Identifies a Country or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName: Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location <p>The StartOfSection element extends LocationIdent and includes two additional elements:</p> <ul style="list-style-type: none"> BookedLocationDateTime: Scheduled Date and Time of a train at a specied location as defined in the path contract BookedLocationTime
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime</p>
<p>source</p>	<pre><xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **AffectedSection/EndOfSection**

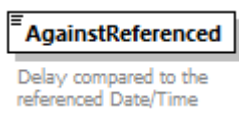
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime</p>
<p>source</p>	<pre><xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **AgainstBooked**

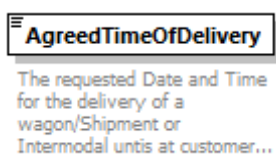
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>DeltaTime</p>

properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation Identifies the Delta delay time against the booked schedule in minutes
source	<pre><xs:element name="AgainstBooked" type="DeltaTime"> <xs:annotation> <xs:documentation>Identifies the Delta delay time against the booked schedule in minutes</xs:documentation> </xs:annotation> </xs:element></pre>

element **AgainstReferenced**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	DeltaTime
properties	content simple
used by	element TrainDelay
facets	Kind Value Annotation length 5
annotation	documentation Delay compared to the referenced Date/Time
source	<pre><xs:element name="AgainstReferenced" type="DeltaTime"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element></pre>

element **AgreedTimeOfDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
annotation	documentation The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings

source	<pre><xs:element name="AgreedTimeOfDelivery" type="xs:dateTime"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal untis at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>
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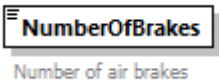
element **AirBrake**

diagram	<p>NumberOfBrakes Number of air brakes</p> <p>BrakeSystem Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</p> <p>AirBrakeType Classification of air brake.</p> <p>BrakingPowerVariationDevice Coding in 404-2, chapter 1.8</p> <p>AirBrakedMass General braked weight for wagon without any variation device or braked weight in position "empty" for wagons with a variation device or maximum brake weight for wagons with a linear auto continuous brake weight device "0" for wagons without brake system (in tonns)</p> <p>LoadChangeDevice 0..∞ Specific weights for change over air brake systems</p> <p>BrakeSpecialCharacteristics General brake characteristics. The values refer to UIC leaflet 920-13.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Characteristics of Air Brakes

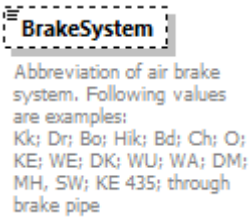
source	<pre> <xs:element name="AirBrake"> <xs:annotation> <xs:documentation>Characteristics of Air Brakes</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AirBrakeType"/> <xs:element ref="BrakingPowerVariationDevice"/> <xs:element ref="AirBrakedMass"> <xs:annotation> <xs:documentation> General braked weight for wagon without any variation device or braked weight in position "empty" for wagons with a variation device or maximum brake weight for wagons with a linear auto continuous brake weight device "0" for wagons without brake system (in tonns)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>
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	<pre> </xs:element> <xs:element ref="BrakeSpecialCharacteristics"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **AirBrake/NumberOfBrakes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of air brakes									
source	<pre> <xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **AirBrake/BrakeSystem**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe						
source	<pre> <xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation> </pre>						

```


</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="256"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```


element **AirBrake/LoadChangeDevice**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>ChangeOverWeight AirBrakedMassLoaded</p>
<p>annotation</p>	<p>documentation Specific weights for change over air brake systems</p>
<p>source</p>	<pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tons variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tons loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

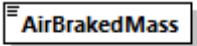
element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric3-3									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Change over weight of braked weight in tonns variation device									
source	<pre> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> </pre>									

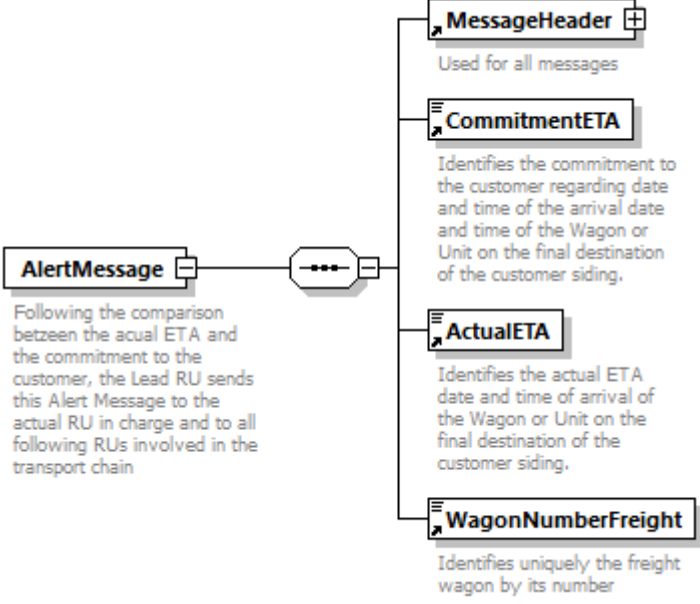
element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric3-3									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Braked weight in tonns loaded for change over weight									
source	<pre> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </pre>									

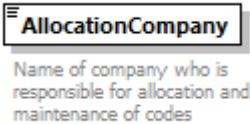
element **AirBrakedMass**

diagram	 <p>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element AirBrake									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	<p>documentation</p> <p>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</p>									
source	<pre><xs:element name="AirBrakedMass"> <xs:annotation> <xs:documentation>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AlertMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader CommitmentETA ActualETA WagonNumberFreight</p>
<p>annotation</p>	<p>documentation Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</p>
<p>source</p>	<pre><xs:element name="AlertMessage"> <xs:annotation> <xs:documentation>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="CommitmentETA"/> <xs:element ref="ActualETA"/> <xs:element ref="WagonNumberFreight"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AllocationCompany**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>CompanyCode</p>

properties	content simple												
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Name of company who is responsible for allocation and maintenance of codes												
source	<pre><xs:element name="AllocationCompany" type="CompanyCode"> <xs:annotation> <xs:documentation>Name of company who is responsible for allocation and maintenance of codes</xs:documentation> </xs:annotation> </xs:element></pre>												

element **Altitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:integer
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m
source	<pre><xs:element name="Altitude" type="xs:integer"> <xs:annotation> <xs:documentation>Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4


properties	content complex
children	Destination ArrivalTimeAtDestination
used by	element WagonArrivalNoticeMessage
annotation	documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings
source	<pre> <xs:element name="ArrivalAtDestination"> <xs:annotation> <xs:documentation>Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="ArrivalTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ArrivalInterchangeReport**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Source Location ArrivalTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation The arrival or interchange station where ETI end
source	<pre> <xs:element name="ArrivalInterchangeReport"> <xs:annotation> <xs:documentation>The arrival or interchange station where ETI end</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Source"> <xs:annotation> </pre>

	<pre> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ArrivalInterchangeReport/Source**

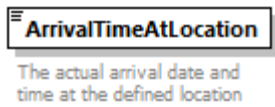
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Experienced time of arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Real Time Train Situation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Estimated time of arrival</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Experienced time of arrival		enumeration	Real Time Train Situation		enumeration	Estimated time of arrival	
Kind	Value	Annotation											
enumeration	Experienced time of arrival												
enumeration	Real Time Train Situation												
enumeration	Estimated time of arrival												
annotation	documentation Source of information												
source	<pre> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **ArrivalTimeAtDestination**

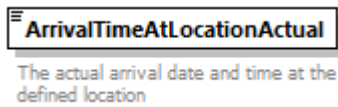
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	xs:dateTime
properties	content simple
used by	element ArrivalAtDestination
annotation	documentation The actual Date and Time of the arrival of wagons by train at its final destination yard
source	<pre><xs:element name="ArrivalTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time of the arrival of wagons by train at its final destination yard</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element ArrivalInterchangeReport
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTimeAtLocationActual**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element YardArrival
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre>

</xs:element>

element **ArrivalTrackAtLocation**

<p>diagram</p>	<p>ArrivalTrackAtLocation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> <p>LocationIdent</p> <ul style="list-style-type: none"> CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p>
<p>source</p>	<pre><xs:element name="ArrivalTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. </xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedLocationIdent**

<p>diagram</p>	<p>AssociatedAttachedLocationIdent Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists</p> <p>LocationIdent</p> <ul style="list-style-type: none"> CountryCodeISO Identifies a Country or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an offication language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>complexType TrainActivityType</p>
<p>annotation</p>	<p>documentation Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists</p>
<p>source</p>	<pre><xs:element name="AssociatedAttachedLocationIdent" type="LocationIdent"> <xs:annotation> <xs:documentation>Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists </xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedOTN**

<p>diagram</p>	<p>AssociatedAttachedOTN Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</p>									
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>									
<p>type</p>	<p>String1-8</p>									
<p>properties</p>	<p>content simple</p>									
<p>used by</p>	<p>complexType TrainActivityType</p>									
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									

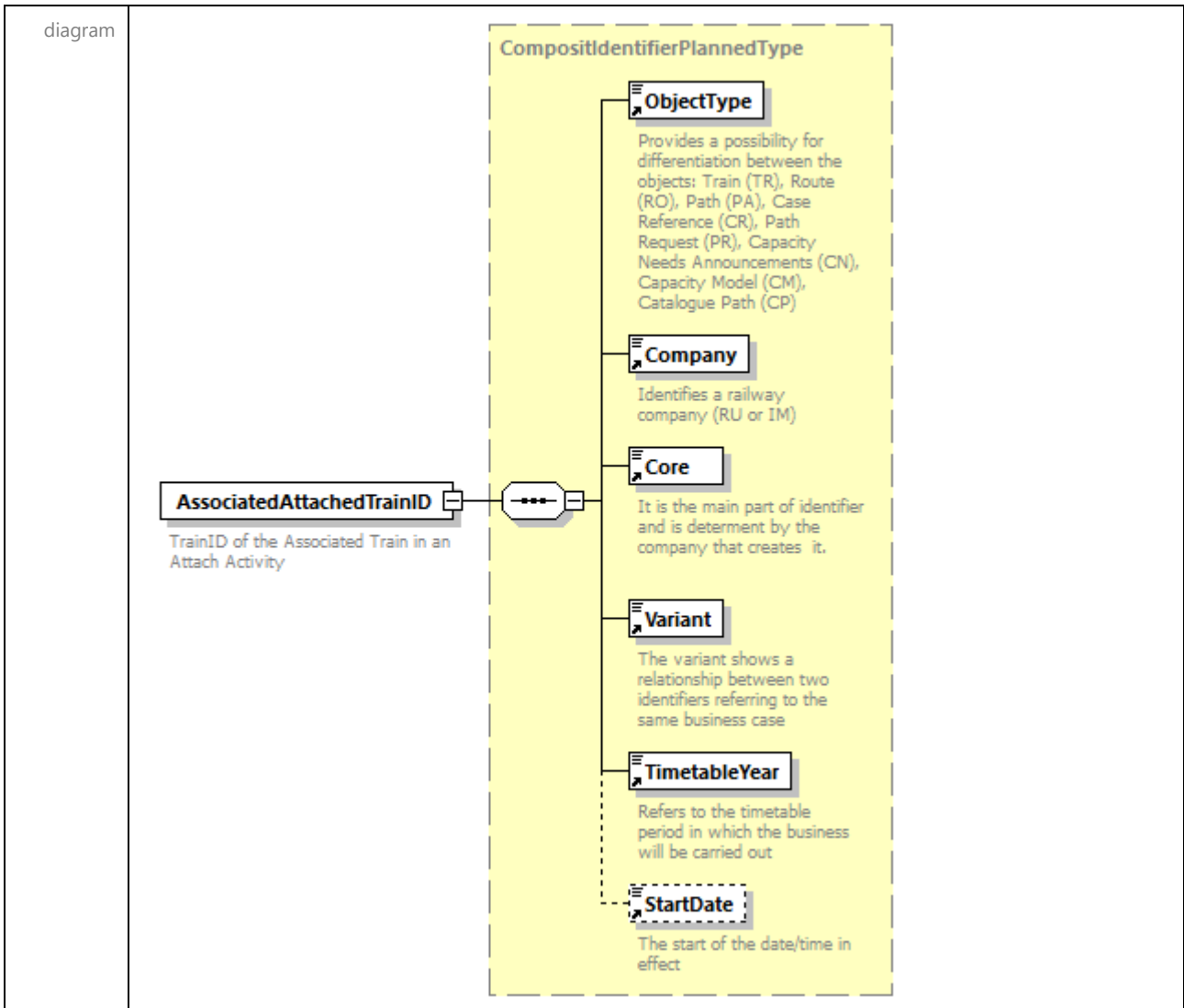
annotation	documentation Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.
source	<pre><xs:element name="AssociatedAttachedOTN" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedTimingAtLocation**

diagram	<p>Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType</p> <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	TimingAtLocation
used by	complexType TrainActivityType
annotation	documentation Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType
source	<pre><xs:element name="AssociatedAttachedTimingAtLocation"> <xs:annotation> <xs:documentation>Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TimingAtLocation" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre>


```
</xs:element>
```

element **AssociatedAttachedTrainID**




namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	complexType TrainActivityType
annotation	documentation TrainID of the Associated Train in an Attach Activity
source	<pre><xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>TrainID of the Associated Train in an Attach Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **AssociatedAttachedTrainServiceNumber**


diagram	 <p>Identifies the associated train service line number for the train activity connecting service</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	String1-8									
properties	content simple									
used by	complexType TrainActivityType									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the associated train service line number for the train activity connecting service									
source	<pre><xs:element name="AssociatedAttachedTrainServiceNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train service line number for the train activity connecting service</xs:documentation> </xs:annotation> </xs:element></pre>									

element **BitmapDays**

diagram	 <p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	content simple															
used by	elements PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>740</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-1]{1,740}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	740		whiteSpace	collapse		pattern	[0-1]{1,740}	
Kind	Value	Annotation														
minLength	1															
maxLength	740															
whiteSpace	collapse															
pattern	[0-1]{1,740}															
annotation	documentation Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.															
source	<pre><xs:element name="BitmapDays"> <xs:annotation> <xs:documentation>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</xs:documentation> </xs:annotation></pre>															

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **BogiePitch**

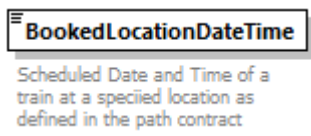
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Bogie Wheelbase measured in mm									
source	<pre> <xs:element name="BogiePitch"> <xs:annotation> <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **BogieWagonsOnly**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).
source	<pre><xs:element name="BogieWagonsOnly" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).</xs:documentation> </xs:annotation> </xs:element></pre>


element **BookedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	elements ChangeofTrackMessage DelayEventReport AffectedSection/EndOfSection InterruptionPoint JourneySectionDestination JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Scheduled Date and Time of a train at a specified location as defined in the path contract
source	<pre><xs:element name="BookedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element></pre>


element **BookedLocationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:time
properties	content simple
used by	elements AffectedSection/EndOfSection AffectedSection/StartOfSection
source	<pre><xs:element name="BookedLocationTime" type="xs:time"/></pre>

element **BrakeWeight**


diagram	 <p>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData WagonOperationalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99999									
annotation	documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
source	<pre><xs:element name="BrakeWeight"> <xs:annotation> <xs:documentation>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **BrakingRatio**

diagram	 <p>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).									
source	<pre><xs:element name="BrakingRatio"> <xs:annotation></pre>									

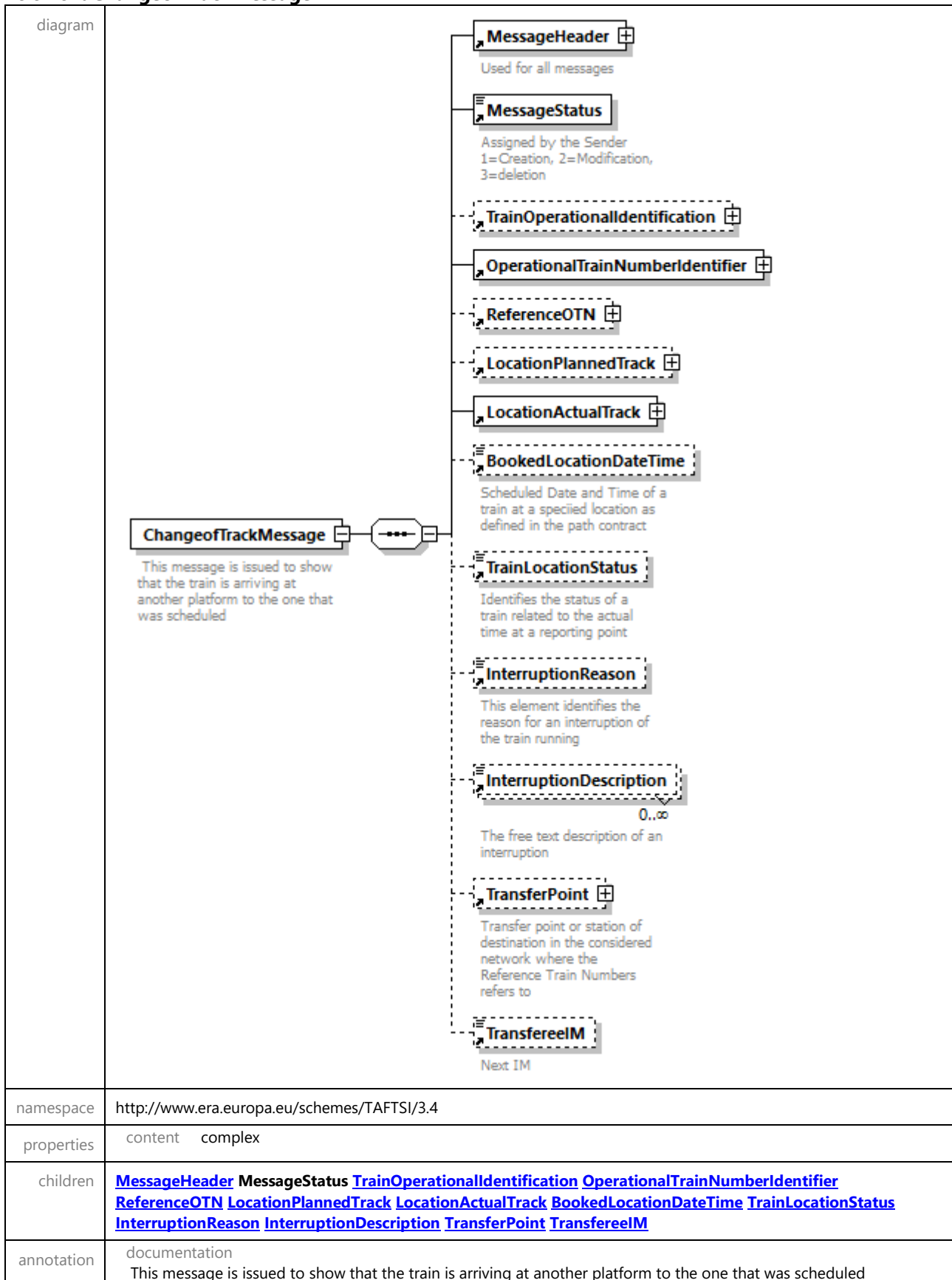
	<pre> <xs:documentation>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="999"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **CarrierStatus**

diagram	 <p>CarrierStatus</p> <p>Status of the carrier during the transport</p> <ul style="list-style-type: none"> 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note) 															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:token															
properties	content simple															
used by	element ConsignmentOrderMessage/COMS/COM/Carriers															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation 0: Contractual carrier</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation 1: Successive carrier</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation 2: Substitute carrier</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation 0: Contractual carrier	enumeration	1	documentation 1: Successive carrier	enumeration	2	documentation 2: Substitute carrier	enumeration	3	documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)
Kind	Value	Annotation														
enumeration	0	documentation 0: Contractual carrier														
enumeration	1	documentation 1: Successive carrier														
enumeration	2	documentation 2: Substitute carrier														
enumeration	3	documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)														
annotation	<p>documentation</p> <p>Status of the carrier during the transport</p> <ul style="list-style-type: none"> 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note) 															
source	<pre> <xs:element name="CarrierStatus"> <xs:annotation> <xs:documentation>Status of the carrier during the transport 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier </pre>															


```
3 to be used for all other partners (e.g.
subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2
(which have to be mentioned in the consignment note)</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>0: Contractual carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>1: Successive carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>2: Substitute carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>3: to be used for all other partners (e.g.
subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2
(which have to be mentioned in the consignment note)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **ChangeofTrackMessage**



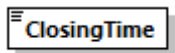
source	<pre> <xs:element name="ChangeofTrackMessage"> <xs:annotation> <xs:documentation> This message is issued to show that the train is arriving at another platform to the one that was scheduled</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="LocationPlannedTrack" minOccurs="0"/> <xs:element ref="LocationActualTrack"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specied location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element **CityTown**

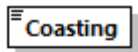
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									

annotation	documentation Name of the City or Town in Clear Text
source	<pre> <xs:element name="CityTown"> <xs:annotation> <xs:documentation>Name of the City or Town in Clear Text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ClosingTime**


diagram	 <p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element VesselIndication
annotation	documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
source	<pre> <xs:element name="ClosingTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Coasting**


diagram	 <p>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple

used by	element PlannedTrainTechnicalData
annotation	documentation IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.
source	<pre><xs:element name="Coasting" type="xs:boolean"> <xs:annotation> <xs:documentation>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Comments**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre><xs:element name="Comments" type="FreeText"/></pre>									

element **CommitmentETA**

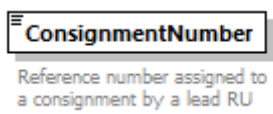
diagram	 <p>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="CommitmentETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final</pre>

	<pre>destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **Company**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Identifies a railway company (RU or IM)												
source	<pre><xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader COMS
annotation	documentation Consignment Order Message from Lead RU to RU
source	<pre> <xs:element name="ConsignmentOrderMessage"> <xs:annotation> <xs:documentation>Consignment Order Message from Lead RU to RU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> </pre>

```

        <xs:documentation>Message Reference NumberThis
identification is being generated during creation of the message. This
allows the tracing of the message.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="18">
                <xs:annotation>
                    <xs:documentation>Use here a counter, any
system.</xs:documentation>
                </xs:annotation>
            </xs:maxLength>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
    <xs:annotation>
        <xs:documentation>Classification of the wagon order as
'CUV','CIM' or "SMGS".</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="CIM">
                <xs:annotation>
                    <xs:documentation>Regular transport, according
in basic to the CIM consignment note.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="CUV">
                <xs:annotation>
                    <xs:documentation>Transport of empty wagons. If
loaded and empty wagons are withing the same shipment, then the ShipmentType
has to be set to CIM. For the empty wagons the loading status has to be set
in the WagonDetails.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="SMGS"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
    <xs:annotation>
        <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Internal identification number of
the Wo. This information is important to be able to identify the COM even
after modifications. Format: RRRYYYYMMDDNNNNNNNN Where RRRR = railway code,
YYYY = year, MM = month, DD = day and NNNNNNNN = running
number.</xs:documentation>
    </xs:annotation>

```

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="19"/>
    <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-
3]\d{8}"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number
hast to be incremented after each modification. On creation this value has
to be set to 0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-
CN or CIM-CN for combined traffic. This information assures, that the same
paper document will be used for the 'duplicate of the consignment note' and
the final print out of the ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to
be used for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be
used for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0"
maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU /
contractual carrier during the transport.</xs:documentation>

```

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DateTime">
      <xs:annotation>
        <xs:documentation>DateTime, when the changes
were applied.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="NumberOfModifiedVersion">
      <xs:annotation>
        <xs:documentation>Version number of the modified
message (as also written into
COMHeader/COMVersionNumber).</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
  <xs:annotation>
    <xs:documentation>Consignment order
message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="AcceptancePoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for
the take over of the consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element name="AcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date and time (month, day and
hour) at which the goods were accepted. </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ConsignmentNumber">
              <xs:annotation>
                <xs:documentation>Running number and check digit
of the consignment between Lead RU and customer. Format: NNNNC The number

```

```

consists of NNNNN = running number C = check digit, </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="6"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ForwardingTrainNumber"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Train number at shipping
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
  <xs:annotation>
    <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for
the hand over of the consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="RP_Code" minOccurs="0"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
  <xs:annotation>
    <xs:documentation>Information about the consignor,
consignee and freight payers. At least information about consignor and
consignee has to be given</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this
element contains either declarations of the original consignor or
declarations of the LeadRU as consignor</xs:documentation>
  </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="ConsignorDeclarationCode"/>
    <xs:element ref="DeclarationText" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>General information about the
complete consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor's reference
concerning the complete consignment</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="InformationConsignee"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Information from the consignor
to the consignee relating to the consignment. This information is not to
commit the carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="WagonGroupInfo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor information
regarding the whole consignment. Comparable with the element WagonInfo, but
for all wagons.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="500"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">

```



```

<xs:annotation>
  <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DocumentType">
      <xs:annotation>
        <xs:documentation>Type code of attached
document. The UN/DIFACT 1001 list of codes is to be used to code
accompanying documents.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DocumentInformation"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional information
regarding the attached document may be entered here.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="Quantity" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Amount of the documents of the
specified type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentTypeDescription"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Description of document type,
when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Filename" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Filename of embedded pdf in
legacy system</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">

```

```

        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial
Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CommercialSpecificationCode"/>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with
free text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
        <xs:annotation>
          <xs:documentation>additional carrier code
belonging to the given contract number</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
          <xs:documentation>additional contract number
according to the given carrier code.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent"/>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
          <xs:documentation>Additional
Charges</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Code">
              <xs:annotation>
                <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                  <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional charges
description</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
  <xs:annotation>
    <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="ContractNumber">
        <xs:annotation>
          <xs:documentation>Number of customer
agreement.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Number of the
tariff.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary, but without check
digit)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>

```

```

</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sectional
Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Section" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Sectional
Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Sectional invoicing
by</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="InvoicedSection">
              <xs:annotation>
                <xs:documentation>Information about the
section to be invoiced.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:element name="CountryCode"
type="CountryIdentISO">
                    <xs:annotation>
                      <xs:documentation>Invoiced section
specified by country</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="SectionCarrierCode"
type="CompanyCode">
                    <xs:annotation>
                      <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                </xs:choice>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods
and the currency code when the value exceeds the limit given in CIM Article
30 section 2.</xs:documentation>
  </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="Amount" type="Money_Type">
      <xs:annotation>
        <xs:documentation>Amount</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
      <xs:annotation>
        <xs:documentation>Currency abbreviation (ISO-
4217 alphanumeric)</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount and currency
code of a special interest in delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-
4217 alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount to be
collected on delivery and the currency code.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-
4217 alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="RouteSection" minOccurs="0"
maxOccurs="30">
        <xs:annotation>
            <xs:documentation>Route sequence Sequential
information about the complete routing of the consignment, the LeadRu
decides wether to provide this information or not</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="SequenceID" type="xs:int">
                    <xs:annotation>
                        <xs:documentation>Position of the route section
in transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:sequence>
                    <xs:element name="RouteCode">
                        <xs:annotation>
                            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="5"/>
                                <xs:pattern value="\d*[1-9]\d*0"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="RouteText" minOccurs="0">
                        <xs:annotation>
                            <xs:documentation>Description of the specific
route section</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="80"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
    <xs:element name="CustomsProcedures" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Customs
procedures</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="RU_Partner" minOccurs="0">

```

```

        <xs:annotation>
          <xs:documentation>Code of the RU entrusted of
customs procedures. </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs Data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Simplified transport procedure
is used (STP).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code for the principal
RU</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CustomsSurveillance">
        <xs:annotation>
          <xs:documentation>Good under customs
surveillance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CustomsEndorsements"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Reserved for endorsements by
customs or a consignor/consignee authorised by customs. Data element in
accordance with Regulation (EC) 1875/2006).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```



```

        <xs:element name="RU_Declarations" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Carriers
declaration</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
                <xs:annotation>
                  <xs:documentation>Details of the carriers
declaration.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="DeclaringRU"
type="CompanyCode">
                      <xs:annotation>
                        <xs:documentation>Code of carrier, who
added the declaration.</xs:documentation>
                      </xs:annotation>
                      </xs:element>
                      <xs:element ref="RU_DeclarationCode"/>
                      <xs:element ref="DeclarationText"
minOccurs="0"/>
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
              <xs:element name="DifferentAcceptance"
minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Details of the changes of the
acceptance point given by the consignor.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Variance of acceptance
point given in structure AcceptancePoint.</xs:documentation>
                      </xs:annotation>
                      </xs:element>
                      <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
                        <xs:annotation>
                          <xs:documentation>Variance of acceptance
date given structure AcceptancePoint.</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                          <xs:restriction base="xs:dateTime"/>
                        </xs:simpleType>
                      </xs:element>
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>

```

```

</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode"
type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code) of the carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of
Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of
carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="9"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode"
type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be
performed by the carrier. This can be a station OR a border crossing
point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed
by the carrier. This can be a station OR a border crossing
point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement
between the responsible and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>

```

```

        <xs:attribute name="sequenceID" type="xs:int">
        <xs:annotation>
        <xs:documentation>Position of carrier during
transport. </xs:documentation>
        </xs:annotation>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
    <xs:annotation>
    <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:sequence>
    <xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
    <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="CarrierName" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Name of contractual
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="35"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="5"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="35"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="ZIPCode" minOccurs="0">

```

```

<xs:annotation>
  <xs:documentation>Postal Code</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="9"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode"
type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature of the contractual
carrier. When missing, the shipment number (CIM: 62) shall be used for
signature purposes.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Place">
        <xs:annotation>
          <xs:documentation>Place on which the consignment
note was made out</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:element>
<xs:element name="Date" type="xs:date">
  <xs:annotation>
    <xs:documentation>Date at which the consignment
note was made out.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charges note</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChargesNoteAvailable"
type="xs:boolean"/>
      <xs:element name="DateOfReturn" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date, when the destination
carrier sent the charges note back to the contractual
carrier.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CodeOfCause"/>
      <xs:element name="Description" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description for CodeOfCause
no. 9.</xs:documentation>
        </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="180"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Place">
      <xs:annotation>
        <xs:documentation>Place of the
extension.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:complexType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="180"/>
  </xs:restriction>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Beginning">
      <xs:annotation>
        <xs:documentation>Beginning of the
extension.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Ending">
      <xs:annotation>
        <xs:documentation>End of
extension.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Charging section</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Start" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>Start of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="End" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>End of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:annotation>
    <xs:documentation>Route code (RIP) when the
customer agreement or the tariff applied provide for it. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode"
type="CurrencyCode_Type">
  <xs:annotation>

```

```

    <xs:documentation>Code for the currency of the
amounts entered in the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or
tariff applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in
kg]. As appropriate, area in m2 or the volume of the wagon or goods in m3 if
used as the basis for charging.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value">
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:minInclusive value="1"/>
                  <xs:totalDigits value="8"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="measure"
minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:token">
                  <xs:enumeration value="kg"/>
                  <xs:enumeration value="m2"/>
                  <xs:enumeration value="m3"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>

```



```

</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for
amounts to be paid by the consignor or consignee which are not expressed in
the invoicing currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance,
expressed in km or zones, between the stations or points corresponding to
the beginning and end of the charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance,
expressed in km, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees,
deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">

```

```

        <xs:totalDigits value="4"/>
        <xs:minInclusive value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="FreightCharges"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges (paid
and due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="Prepaid"
                type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Carriage charges
to be paid by the consignor in the tariff currency.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            <xs:element name="Transferred"
                type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Carriage charges
to be paid by the consignee in the tariff currency.</xs:documentation>
                    </xs:annotation>
                </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of
Prepaid</xs:documentation>
        <xs:documentation>Sum of
Transferred</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges
code</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="2"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:choice>
<xs:element name="Prepaid"

```

```

type="Money_Type">
    <xs:annotation>
    <xs:documentation>Prepaid</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Transferred"
type="Money_Type">
    <xs:annotation>
    <xs:documentation>Transferred</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
    <xs:annotation>
    <xs:documentation>Contains list of transported Goods,
Wagons and ITU etc.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WagonPreviousNumberFreight"
minOccurs="0" maxOccurs="20">
    <xs:annotation>
    <xs:documentation>Identifies the previous freight
wagon if a shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="WagonIdent">
    <xs:length value="12"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
    <xs:annotation>
    <xs:documentation>The requested Date and Time for the
delivery of a wagon/Shipment or Intermodal units at customer
sidings</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 1 maxOcc 50 content complex
children	COM Header COM
annotation	documentation Message (all bounded optional elements are bounded to to obligations of legacy systems)
source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        <xs:maxLength value="18">
        <xs:annotation>
        <xs:documentation>Use here a counter, any
system.</xs:documentation>
        </xs:annotation>
        </xs:maxLength>
        </xs:restriction>
        </xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
  <xs:annotation>
    <xs:documentation>Classification of the wagon order as
'CUV', 'CIM' or 'SMGS'.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="CIM">
        <xs:annotation>
          <xs:documentation>Regular transport, according in
basic to the CIM consignment note.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CUV">
        <xs:annotation>
          <xs:documentation>Transport of empty wagons. If loaded
and empty wagons are withing the same shipment, then the ShipmentType has to
be set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="SMGS"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Internal identification number of the Wo.
This information is important to be able to identify the COM even after
modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="19"/>
      <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

```

<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number has to
    be incremented after each modification. On creation this value has to be
    set to 0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or
    CIM-CN for combined traffic. This information assures, that the same paper
    document will be used for the 'duplicate of the consignment note' and the
    final print out of the ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to be used
          for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be used for
          print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU /
    contractual carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
          applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:simpleType>
    </xs:element>
    <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
            <xs:documentation>Version number of the modified
message (as also written into
COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:int"/>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
    <xs:annotation>
        <xs:documentation>Consignment order message</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="AcceptancePoint">
                <xs:annotation>
                    <xs:documentation>Description of location and time for the
take over of the consignment</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element ref="Station"/>
                        <xs:element ref="RP_Code" minOccurs="0"/>
                        <xs:element ref="ProductionStation" minOccurs="0"/>
                        <xs:element name="AcceptanceDate" minOccurs="0">
                            <xs:annotation>
                                <xs:documentation>Date and time (month, day and hour)
at which the goods were accepted. </xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:dateTime"/>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="ConsignmentNumber">
                            <xs:annotation>
                                <xs:documentation>Running number and check digit of
the consignment between Lead RU and customer. Format: NNNNNC The number
consists of NNNNN = running number C = check digit, </xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:length value="6"/>
                                    <xs:pattern value="\d*[1-9]\d*"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="ForwardingTrainNumber" minOccurs="0">
                            <xs:annotation>

```

```

        <xs:documentation>Train number at shipping
</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
            <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
    <xs:annotation>
        <xs:documentation>Description of location and time for the
hand over of the consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
        <xs:documentation>Information about the consignor, consignee
and freight payers. At least information about consignor and consignee has
to be given</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Consignors declarartions, this element
contains either declarations of the original consignor or declarations of
the LeadRU as consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="ConsignorDeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
    </xs:annotation>

```



```

<xs:complexType>
  <xs:sequence>
    <xs:element name="ConsignorReference" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="InformationConsignee" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Information from the consignor to
the consignee relating to the consignment. This information is not to commit
the carrier.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="WagonGroupInfo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Consignor information regarding the
whole consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="500"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>

```

```

        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DocumentInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="Quantity" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Amount of the documents of the
specified type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentTypeDescription" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Description of document type, when
it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Filename" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="StatusOfDocument" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial
Specification</xs:documentation>
  </xs:annotation>

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="CommercialSpecificationCode"/>
    <xs:element name="SpecificationText" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional carrier code belonging to
the given contract number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional contract number according
to the given carrier code.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1">
            <xs:annotation>
              <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
            </xs:annotation>
          </xs:minLength>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:choice>
      </xs:complexType>
    </xs:element>
    <xs:element ref="PrepaidcodeCarrier"/>
    <xs:element name="PaidUpTo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:complexContent>
          <xs:extension base="LocationIdent"/>
        </xs:complexContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
      <xs:annotation>
        <xs:documentation>Additional
Charges</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Code">
            <xs:annotation>
              <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="2"/>
                <xs:pattern value="\d*[1-9]\d*"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Description" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Additional charges
description</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
  <xs:annotation>

```

```

        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
    <xs:choice>
        <xs:element name="ContractNumber">
        <xs:annotation>
            <xs:documentation>Number of customer
agreement.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1">
                <xs:annotation>
                    <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
                </xs:annotation>
                </xs:minLength>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element name="TariffNumber">
        <xs:annotation>
            <xs:documentation>Number of the
tariff.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1">
                <xs:annotation>
                    <xs:documentation>has to be sent as n6 (with
leading zeros if necessary, but without check digit)</xs:documentation>
                </xs:annotation>
                </xs:minLength>
                <xs:maxLength value="6"/>
                <xs:pattern value="\d*[1-9]\d*"/>
            </xs:restriction>
        </xs:simpleType>
        </xs:element>
    </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Sectional Invoicing</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Section" maxOccurs="30">
            <xs:annotation>
                <xs:documentation>Sectional
Invoicing</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="InvoicingCarrierCode"
type="CompanyCode">

```

```

        <xs:annotation>
          <xs:documentation>Sectional invoicing
by</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="InvoicedSection">
        <xs:annotation>
          <xs:documentation>Information about the section
to be invoiced.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element name="CountryCode"
type="CountryIdentISO">
              <xs:annotation>
                <xs:documentation>Invoiced section
specified by country</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="SectionCarrierCode"
type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeclarationOfValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">

```

```

    <xs:annotation>
      <xs:documentation>Details of the amount and currency code of
a special interest in delivery.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CashOnDelivery" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Amount</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
          <xs:annotation>
            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
    <xs:annotation>
      <xs:documentation>Route sequence Sequential information
about the complete routing of the consignment, the LeadRu decides wether to
provide this information or not</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="SequenceID" type="xs:int">
          <xs:annotation>
            <xs:documentation>Position of the route section in
transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RouteCode">

```

```

        <xs:annotation>
          <xs:documentation>Route code (International
RouteCode)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="5"/>
            <xs:pattern value="\d*[1-9]\d*0"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="RouteText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description of the specific route
section</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="80"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs procedures</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RU_Partner" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs Data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Simplified transport procedure is
used (STP).</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```



```

        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:element>
    <xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Code for the principal
RU</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="CustomsSurveillance">
        <xs:annotation>
            <xs:documentation>Good under customs
surveillance</xs:documentation>
        </xs:annotation>
    </xs:simpleType>
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:element>
    <xs:element name="CustomsEndorsements" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Reserved for endorsements by customs
or a consignor/consignee authorised by customs. Data element in accordance
with Regulation (EC) 1875/2006).</xs:documentation>
        </xs:annotation>
    </xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="RU_Declarations" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Carriers declaration</xs:documentation>
        </xs:annotation>
    </xs:complexType>
        <xs:sequence>
            <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
                <xs:annotation>
                    <xs:documentation>Details of the carriers
declaration.</xs:documentation>
                </xs:annotation>
            </xs:complexType>
                <xs:sequence>
                    <xs:element name="DeclaringRU" type="CompanyCode">
                        <xs:annotation>
                            <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element ref="RU_DeclarationCode"/>
                    <xs:element ref="DeclarationText" minOccurs="0"/>
                </xs:sequence>
            </xs:element>
        </xs:sequence>
    </xs:element>

```

```

</xs:complexType>
</xs:element>
<xs:element name="DifferentAcceptance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the changes of the
acceptance point given by the consignor.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Variance of acceptance point
given in structure AcceptancePoint.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Variance of acceptance date
given structure AcceptancePoint.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode"
type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway Code)
of the carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Name of street of the
carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be performed by

```

```

the carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionTo" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>End of section to be performed by
the carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of customer agreement between
the responsible and the operating carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1">
          <xs:annotation>
            <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
          </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
  <xs:annotation>
    <xs:documentation>Position of carrier during transport.
</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
  <xs:annotation>
    <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of contractual
carrier</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:restriction base="xs:string">

```

```

        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code (ISO
Code)</xs:documentation>
    </xs:annotation>
</xs:element>

```

```

        <xs:element name="Signature" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Signature of the contractual
carrier. When missing, the shipment number (CIM: 62) shall be used for
signature purposes.</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="35"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="MadeOut" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Made out</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Place">
          <xs:annotation>
            <xs:documentation>Place on which the consignment note
was made out</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="35"/>
              <xs:minLength value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Date" type="xs:date">
          <xs:annotation>
            <xs:documentation>Date at which the consignment note
was made out.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ChargesNote" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Charges note</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="ChargesNoteAvailable"
type="xs:boolean"/>
        <xs:element name="DateOfReturn" type="xs:date"
minOccurs="0">
          <xs:annotation>
            <xs:documentation>Date, when the destination carrier
sent the charges note back to the contractual carrier.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CodeOfCause"/>
      <xs:element name="Description" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Place">
        <xs:annotation>
          <xs:documentation>Place of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Beginning">
        <xs:annotation>
          <xs:documentation>Beginning of the
extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Ending">
        <xs:annotation>
          <xs:documentation>End of extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
      <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>

```

```

<xs:element name="Start" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of the charging
section</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="End" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of the charging
section</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CommercialRouteCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
  <xs:annotation>
    <xs:documentation>Code for the currency of the amounts
entered in the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg].

```


As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="value">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minInclusive value="1"/>
          <xs:totalDigits value="8"/>
          <xs:fractionDigits value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="measure" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="kg"/>
          <xs:enumeration value="m2"/>
          <xs:enumeration value="m3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
```

Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation>

```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="18"/>
    <xs:fractionDigits value="3"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
```

Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:choice>
    <xs:element name="KM">
      <xs:annotation>
        <xs:documentation>Tariff distance,
expressed in km, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:choice>
</xs:complexType>
```

```

        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees,
deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be
paid by the consignor in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Transferred"
type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be
paid by the consignee in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">

```

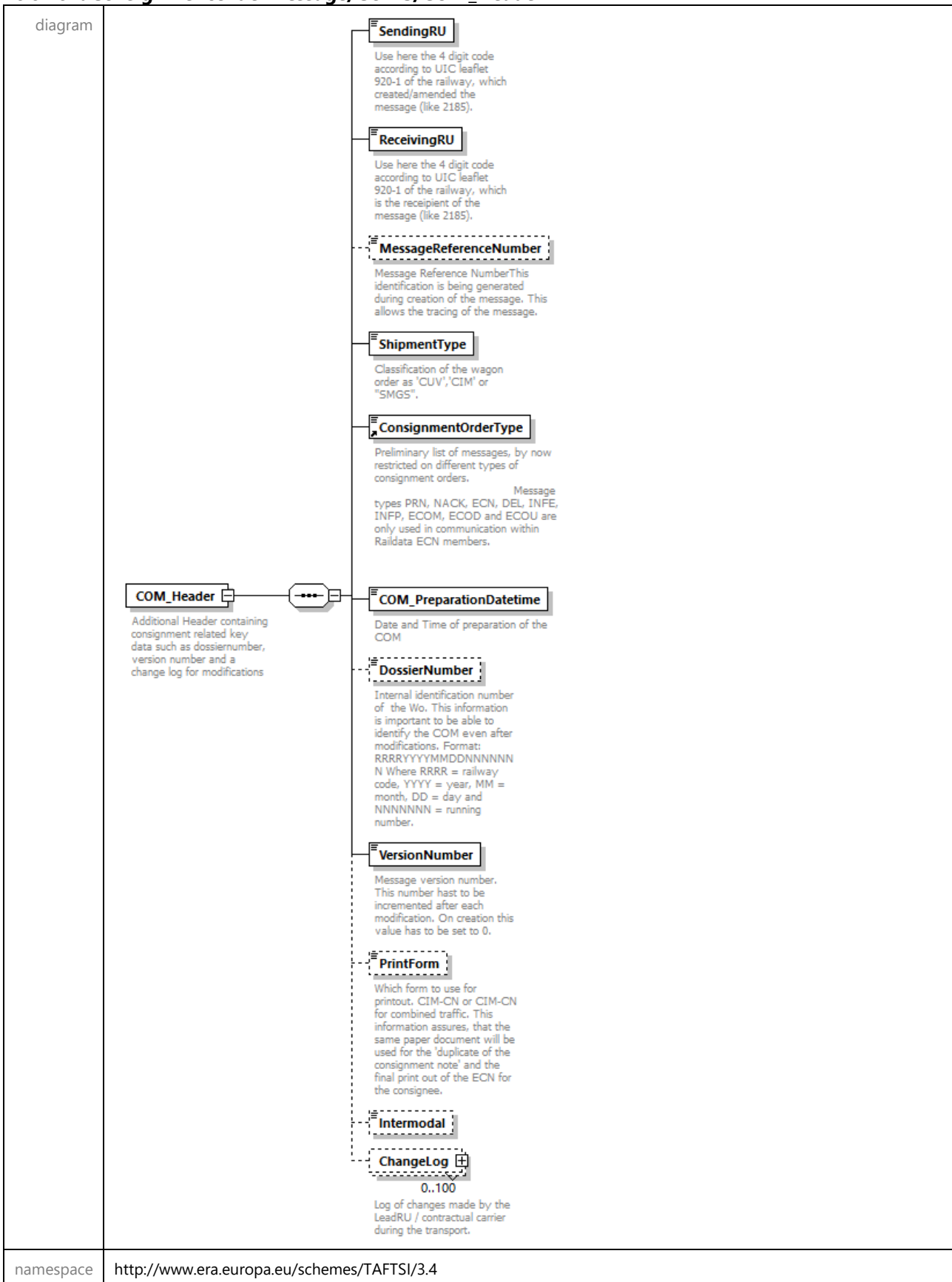
```

        <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of Prepaid</xs:documentation>
        <xs:documentation>Sum of
Transferred</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
        <xs:element name="Code">
        <xs:annotation>
        <xs:documentation>Additional charges
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="2"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:choice>
        <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
        <xs:documentation>Prepaid</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>
        <xs:documentation>Transferred</xs:documentation>
        </xs:annotation>
        </xs:element>
        </xs:choice>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
        <xs:annotation>
        <xs:documentation>Contains list of transported Goods, Wagons
and ITU etc.</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
        <xs:annotation>
        <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="WagonIdent">
        <xs:length value="12"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>

```

```
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The requested Date and Time for the
delivery of a wagon/Shipment or Intermodal units at customer
sidings</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ConsignmentOrderMessage/COMS/COM_Header**



properties	content complex
children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM PreparationDatetime DossierNumber VersionNumber PrintForm Intermodal ChangeLog
annotation	documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications
source	<pre> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to </pre>

```

the CIM consignment note.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="CUV">
  <xs:annotation>
    <xs:documentation>Transport of empty wagons. If loaded and
empty wagons are withing the same shipment, then the ShipmentType has to be
set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="SMGS"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Internal identification number of the Wo. This
information is important to be able to identify the COM even after
modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="19"/>
      <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number hast to be
incremented after each modification. On creation this value has to be set to
0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN
for combined traffic. This information assures, that the same paper document
will be used for the 'duplicate of the consignment note' and the final print
out of the ECN for the consignee.</xs:documentation>

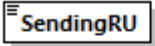
```

```

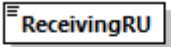
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="WLT">
      <xs:annotation>
        <xs:documentation>Wagon load transport form to be used for
print-out.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="CT">
      <xs:annotation>
        <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual
carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
          <xs:documentation>Version number of the modified message (as
also written into COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```


element **ConsignmentOrderMessage/COMS/COM_Header/SendingRU**

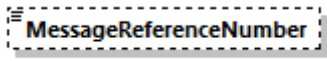
diagram	 <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).												
source	<pre><xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU**


diagram	 <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).												
source	<pre><xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

	<code></xs:element></code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM_Header/MessageReferenceNumber**

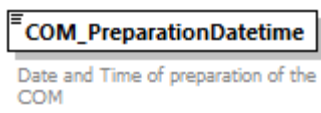
diagram	 <p>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>18</td> <td>documentation Use here a counter, any system.</td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	18	documentation Use here a counter, any system.
Kind	Value	Annotation								
minLength	1									
maxLength	18	documentation Use here a counter, any system.								
annotation	documentation Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.									
source	<pre><xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

diagram	 <p>Classification of the wagon order as 'CUV', 'CIM' or 'SMGS'.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:token						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIM</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM	documentation
Kind	Value	Annotation					
enumeration	CIM	documentation					

	<p>enumeration CUV Regular transport, according in basic to the CIM consignment note. documentation Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</p> <p>enumeration SMGS</p>
annotation	<p>documentation Classification of the wagon order as 'CUV','CIM' or "SMGS".</p>
source	<pre><xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SMGS"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

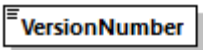
element **ConsignmentOrderMessage/COMS/COM_Header/COM_PreparationDatetime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:dateTime
properties	content simple
annotation	<p>documentation Date and Time of preparation of the COM</p>
source	<pre><xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header/DossierNumber**

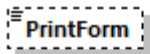
diagram	 <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 19 pattern \d{4}20\d{2}[0-1][0-9][0-3]\d{8}
annotation	documentation Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.
source	<pre><xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM_Header/VersionNumber**

diagram	 <p>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:int
properties	content simple

facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	<p>documentation</p> <p>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p>									
source	<pre><xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM_Header/PrintForm**

diagram	 <p>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>WLT</td> <td>documentation Wagon load transport form to be used for print-out.</td> </tr> <tr> <td>enumeration</td> <td>CT</td> <td>documentation Combined traffic form to be used for print-out.</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	WLT	documentation Wagon load transport form to be used for print-out.	enumeration	CT	documentation Combined traffic form to be used for print-out.
Kind	Value	Annotation								
enumeration	WLT	documentation Wagon load transport form to be used for print-out.								
enumeration	CT	documentation Combined traffic form to be used for print-out.								
annotation	<p>documentation</p> <p>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</p>									
source	<pre><xs:element name="PrintForm" minOccurs="0"> <xs:annotation> <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="WLT"></pre>									

	<pre> <xs:annotation> <xs:documentation>Wagon load transport form to be used for print- out.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CT"> <xs:annotation> <xs:documentation>Combined traffic form to be used for print- out.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM_Header/Intermodal**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:byte
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern 0 1
source	<pre> <xs:element name="Intermodal" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:pattern value="0 1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog**

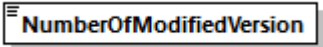
diagram	<p>0..100 Log of changes made by the LeadRU / contractual carrier during the transport.</p> <p>DateTime DateTime, when the changes were applied.</p> <p>NumberOfModifiedVersion Version number of the modified message (as also written into COMHeader/COMVersionNumber).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 100 content complex
children	DateTime NumberOfModifiedVersion
annotation	documentation Log of changes made by the LeadRU / contractual carrier during the transport.

source	<pre> <xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"> <xs:annotation> <xs:documentation>Log of changes made by the LeadRU / contractual carrier during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	---

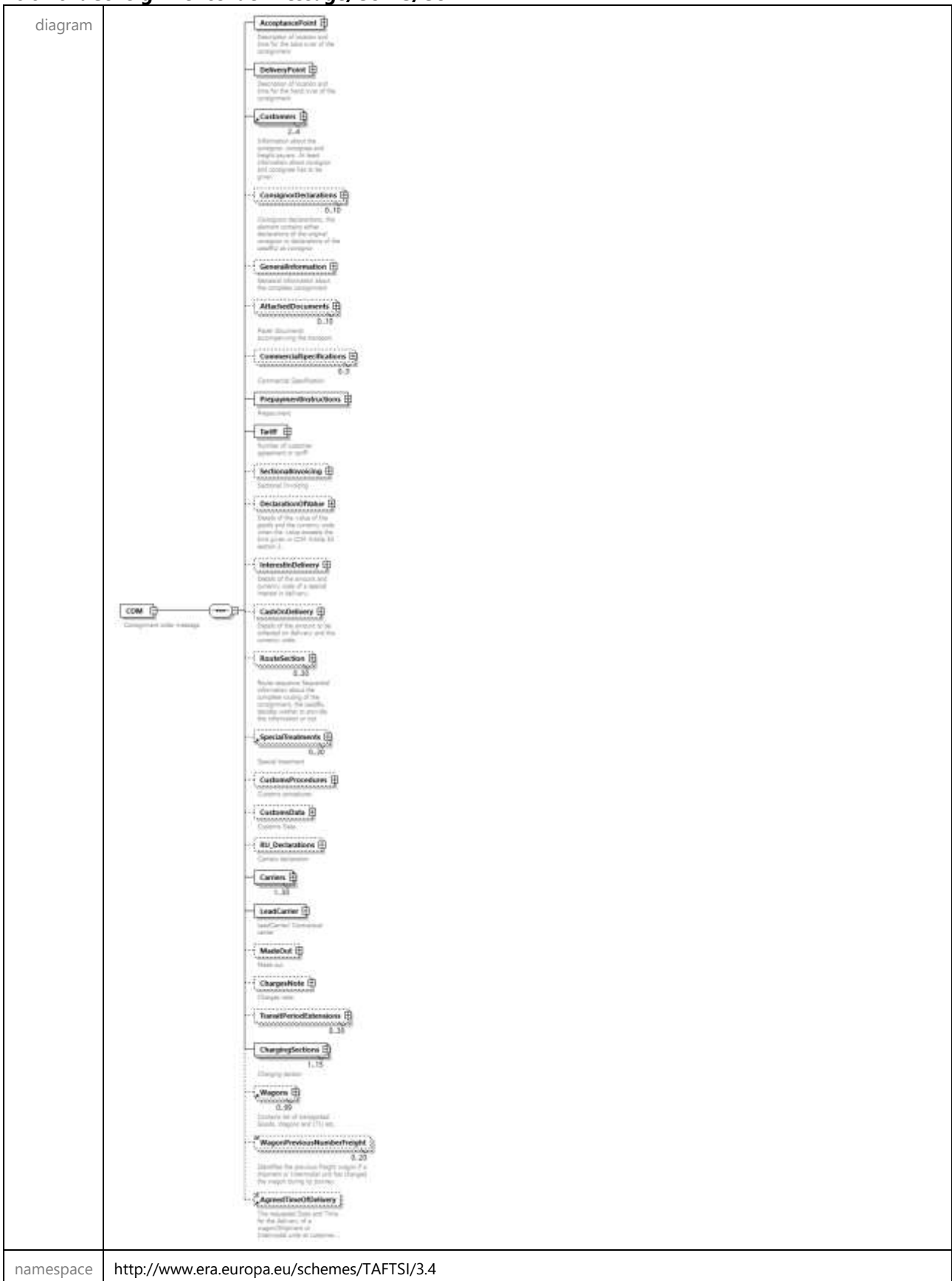
element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/DateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:dateTime
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/NumberOfModifiedVersion**

diagram	 <p>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:int
properties	content simple
annotation	documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<pre><xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM**



properties	content complex
children	AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications PrepaymentInstructions Tariff SectionalInvoicing DeclarationOfValue InterestInDelivery CashOnDelivery RouteSection SpecialTreatments CustomsProcedures CustomsData RU Declarations Carriers LeadCarrier MadeOut ChargesNote TransitPeriodExtensions ChargingSections Wagons WagonPreviousNumberFreight AgreedTimeOfDelivery
annotation	documentation Consignment order message
source	<pre> <xs:element name="COM"> <xs:annotation> <xs:documentation>Consignment order message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
  <xs:annotation>
    <xs:documentation>Code of the shipping carrier mentioned in
the consignment number.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for the hand
over of the consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="RP_Code" minOccurs="0"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
  <xs:annotation>
    <xs:documentation>Information about the consignor, consignee and
freight payers. At least information about consignor and consignee has to be
given</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this element contains
either declarations of the original consignor or declarations of the LeadRU
as consignor</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="ConsignorDeclarationCode"/>
      <xs:element ref="DeclarationText" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>General information about the complete
consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>

```

```

        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="InformationConsignee" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Information from the consignor to the
consignee relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="350"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="WagonGroupInfo" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="500"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DocumentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
        </xs:annotation>

```

```

        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Quantity" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DocumentTypeDescription" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description of document type, when it is
not in the UN/EDIFACT 1001 list included.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Filename" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="StatusOfDocument" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
      <xs:documentation>Commercial Specification</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="CommercialSpecificationCode"/>
        <xs:element name="SpecificationText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Additional Text for codes with free
text</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="350"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional carrier code belonging to the
given contract number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional contract number according to
the given carrier code.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1">
            <xs:annotation>
              <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
            </xs:annotation>
          </xs:minLength>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This information is
being sent by the consignor in agreement with the contractual carrier so
only one structure is needed for field 20 and 49. The carrier is only
allowed to apply changes, when ordered by the consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>

```

```

        <xs:extension base="LocationIdent"/>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Additional Charges</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges code according
CIT GLV-CIM appendix 3</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="2"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Additional charges
description</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>
        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="ContractNumber">
                <xs:annotation>
                    <xs:documentation>Number of customer
agreement.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1">
                            <xs:annotation>
                                <xs:documentation>has to be sent as n6 (with leading

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zeros if necessary)</xs:documentation>
  </xs:annotation>
  </xs:minLength>
  <xs:maxLength value="6"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="TariffNumber">
  <xs:annotation>
    <xs:documentation>Number of the tariff.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading
zeros if necessary, but without check digit)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sectional Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Section" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Sectional Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Sectional invoicing
by</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="InvoicedSection">
              <xs:annotation>
                <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:element name="CountryCode"
type="CountryIdentISO">
                    <xs:annotation>
                      <xs:documentation>Invoiced section specified by
country</xs:documentation>
                    </xs:annotation>

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        </xs:annotation>
        </xs:element>
        <xs:element name="SectionCarrierCode"
type="CompanyCode">
            <xs:annotation>
                <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
            </xs:annotation>
            </xs:element>
            </xs:choice>
            </xs:complexType>
            </xs:element>
            </xs:sequence>
            </xs:complexType>
            </xs:element>
            </xs:sequence>
            </xs:complexType>
            </xs:element>
            <xs:element name="DeclarationOfValue" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="Amount" type="Money_Type">
                            <xs:annotation>
                                <xs:documentation>Amount</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                            <xs:annotation>
                                <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="InterestInDelivery" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Details of the amount and currency code of a
special interest in delivery.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="Amount" type="Money_Type">
                            <xs:annotation>
                                <xs:documentation>Amount</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                            <xs:annotation>
                                <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>

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</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence Sequential information about the
complete routing of the consignment, the LeadRu decides wether to provide
this information or not</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>

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        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="80"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RU_Partner" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="Location"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code for the principal
RU</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CustomsSurveillance">
                <xs:annotation>
                    <xs:documentation>Good under customs
surveillance</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CustomsEndorsements" minOccurs="0">

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        <xs:annotation>
          <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
              </xs:annotation>
              </xs:element>
              <xs:element ref="RU_DeclarationCode"/>
              <xs:element ref="DeclarationText" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="DifferentAcceptance" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Details of the changes of the acceptance
point given by the consignor.</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Variance of acceptance point given
in structure AcceptancePoint.</xs:documentation>
                </xs:annotation>
                </xs:element>
                <xs:element name="DifferentAcceptanceDate" minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>Variance of acceptance date given
structure AcceptancePoint.</xs:documentation>
                  </xs:annotation>

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        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway Code) of the
carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of
carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>

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```

        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="City" minOccurs="0">
    <xs:annotation>
      <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Country Code (ISO Code)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionFrom" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>Start of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionTo" type="LocationIdent">
    <xs:annotation>
      <xs:documentation>End of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of customer agreement between the
responsible and the operating carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1">
          <xs:annotation>
            <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>

```

```

        </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
    <xs:annotation>
        <xs:documentation>Position of carrier during transport.
</xs:documentation>
    </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
    <xs:annotation>
        <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Contractual carrier, railway undertaking
(Railway Code).</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CarrierName" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of contractual
carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="StreetNumber" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="5"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Street" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of street of the
carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>

```

```

        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  <xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="City" minOccurs="0">
    <xs:annotation>
      <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Country Code (ISO Code)</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Signature" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Signature of the contractual carrier. When
missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element name="MadeOut" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Made out</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Place">
          <xs:annotation>

```



```

        <xs:documentation>Place on which the consignment note was
made out</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Date" type="xs:date">
    <xs:annotation>
        <xs:documentation>Date at which the consignment note was
made out.</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Charges note</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>
            <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Date, when the destination carrier sent
the charges note back to the contractual carrier.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CodeOfCause"/>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="180"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:sequence>
    </xs:complexType>
    <xs:element name="Place">
        <xs:annotation>
            <xs:documentation>Place of the extension.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">

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```

        <xs:minLength value="1"/>
        <xs:maxLength value="180"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Beginning">
    <xs:annotation>
        <xs:documentation>Beginning of the
extension.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="Ending">
    <xs:annotation>
        <xs:documentation>End of extension.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Start" type="LocationIdent">
                <xs:annotation>
                    <xs:documentation>Start of the charging
section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="End" type="LocationIdent">
                <xs:annotation>
                    <xs:documentation>End of the charging
section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CommercialRouteCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="3"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                <xs:annotation>
                    <xs:documentation>Code for the currency of the amounts

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entered in the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m2 or the volume of the wagon or goods in m3 if used as
the basis for charging.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value">
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:minInclusive value="1"/>
                  <xs:totalDigits value="8"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="measure" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:token">
                  <xs:enumeration value="kg"/>
                  <xs:enumeration value="m2"/>
                  <xs:enumeration value="m3"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">

```

```

<xs:annotation>
  <xs:documentation>Exchange rate for amounts to be paid
  by the consignor or consignee which are not expressed in the invoicing
  currency.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="18"/>
    <xs:fractionDigits value="3"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or
    zones, between the stations or points corresponding to the beginning and end
    of the charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in
          km, between the stations or points corresponding to the beginning and end of
          the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in
          zones, between the stations or points corresponding to the beginning and end
          of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees,
    deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>

```

```

        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="FreightCharges" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:choice>
                <xs:element name="Prepaid" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Carriage charges to be paid by
the consignor in the tariff currency.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="Transferred" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Carriage charges to be paid by
the consignee in the tariff currency.</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:choice>
        </xs:complexType>
    </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation/>
        <xs:documentation>Sum of Prepaid</xs:documentation>
        <xs:documentation>Sum of Transferred</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges
code</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="2"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:choice>
                <xs:element name="Prepaid" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Prepaid</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="Transferred" type="Money_Type">
                    <xs:annotation>
                        <xs:documentation>Transferred</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
  <xs:annotation>
    <xs:documentation>Contains list of transported Goods, Wagons and
ITU etc.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
  <xs:annotation>
    <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="WagonIdent">
      <xs:length value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The requested Date and Time for the delivery of
a wagon/Shipment or Intermodal units at customer sidings</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>


```

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**

<p>diagram</p>	<p>AcceptancePoint Description of location and time for the take over of the consignment</p> <ul style="list-style-type: none"> Station Details of station serving the point RP_Code Routing point code of the production station of the acceptance or delivery point. ProductionStation Details of production station serving the point, this element is used if the productional station differs from the commercial station AcceptanceDate Date and time (month, day and hour) at which the goods were accepted. ConsignmentNumber Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, ForwardingTrainNumber Train number at shipping CarrierCode Code of the shipping carrier mentioned in the consignment number.
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Station RP_Code ProductionStation AcceptanceDate ConsignmentNumber ForwardingTrainNumber CarrierCode</p>
<p>annotation</p>	<p>documentation Description of location and time for the take over of the consignment</p>
<p>source</p>	<pre><xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

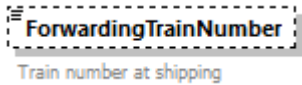
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date and time (month, day and hour) at which the goods were accepted.
source	<xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation>

	<pre> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ConsignmentNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,									
source	<pre> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber**

diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4				
type	restriction of xs:string				
properties	<table border="1"> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table>	minOcc	0	maxOcc	1
minOcc	0				
maxOcc	1				

	content simple
facets	Kind Value Annotation minLength 1 maxLength 6
annotation	documentation Train number at shipping
source	<pre><xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CompanyCode
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code of the shipping carrier mentioned in the consignment number.
source	<pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/DeliveryPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Station RP_Code ProductionStation
annotation	documentation Description of location and time for the hand over of the consignment
source	<pre> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 10 content complex
children	ConsignorDeclarationCode DeclarationText
annotation	documentation Consignors declarartions, this element contains either declarations of the original consignor or declarations of the

	LeadRU as consignor
source	<pre><xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsignorDeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation**

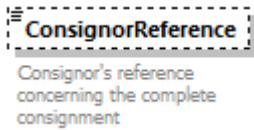
diagram	<p>The diagram illustrates the structure of the GeneralInformation element. It is a container element (represented by a rectangle with a small square on the right) that contains three child elements: ConsignorReference, InformationConsignee, and WagonGroupInfo. Each child element is shown in a dashed box with a description: <ul style="list-style-type: none"> ConsignorReference: Consignor's reference concerning the complete consignment. InformationConsignee: Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier. WagonGroupInfo: Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons. </p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference InformationConsignee WagonGroupInfo
annotation	documentation General information about the complete consignment
source	<pre><xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the complete consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

```

        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="InformationConsignee" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Information from the consignor to the consignee
relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="WagonGroupInfo" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="500"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

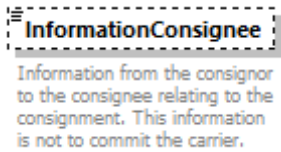
```

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference**

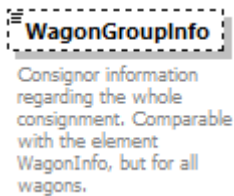
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Consignor's reference concerning the complete consignment									
source	<xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete									

	<pre> consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/InformationConsignee**

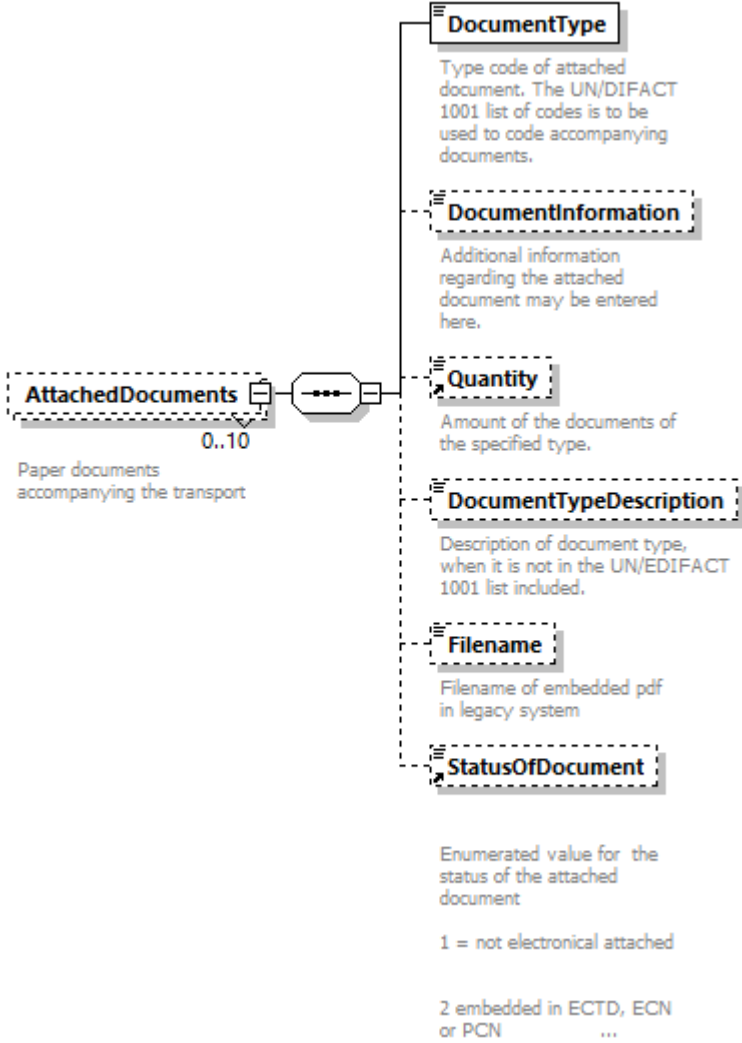
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.									
source	<pre> <xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/WagonGroupInfo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 500
annotation	documentation Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.
source	<pre> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments**


<p>diagram</p>	 <p>AttachedDocuments 0..10 Paper documents accompanying the transport</p> <p>DocumentType Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p> <p>DocumentInformation Additional information regarding the attached document may be entered here.</p> <p>Quantity Amount of the documents of the specified type.</p> <p>DocumentTypeDescription Description of document type, when it is not in the UN/EDIFACT 1001 list included.</p> <p>Filename Filename of embedded pdf in legacy system</p> <p>StatusOfDocument Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN ...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 10 content complex</p>
<p>children</p>	<p>DocumentType DocumentInformation Quantity DocumentTypeDescription Filename StatusOfDocument</p>
<p>annotation</p>	<p>documentation Paper documents accompanying the transport</p>
<p>source</p>	<pre><xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType></pre>


```

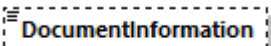
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DocumentInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional information regarding the attached
document may be entered here.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="Quantity" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="DocumentTypeDescription" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Description of document type, when it is not in
the UN/EDIFACT 1001 list included.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Filename" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="StatusOfDocument" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentType**

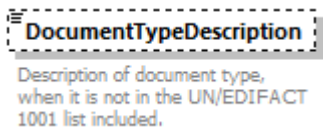
diagram	 <p>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.									
source	<pre><xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation**

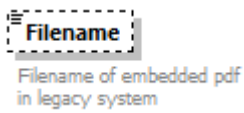
diagram	 <p>Additional information regarding the attached document may be entered here.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Additional information regarding the attached document may be entered here.									
source	<pre><xs:element name="DocumentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Description of document type, when it is not in the UN/EDIFACT 1001 list included.									
source	<pre> <xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/Filename**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 35
annotation	documentation Filename of embedded pdf in legacy system
source	<pre><xs:element name="Filename" minOccurs="0"> <xs:annotation> <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications**

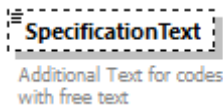
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 5 content complex
children	CommercialSpecificationCode SpecificationText CarrierCode ContractNumber
annotation	documentation Commercial Specification
source	<pre><xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Commercial Specification</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CommercialSpecificationCode"/> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ContractNumber" minOccurs="0"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>additional carrier code belonging to the given
contract number</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>additional contract number according to the
given carrier code.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading zeros
if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional Text for codes with free text
source	<xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free

	<pre> text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	minOcc 0 maxOcc 10 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation additional carrier code belonging to the given contract number												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/ContractNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 10 content simple
used by	element WIMO Dataset/ConsignmentLevelData

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation additional contract number according to the given carrier code.									
source	<pre><xs:element name="ContractNumber" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	PrepaymentCustomer PrepaidcodeCarrier PaidUpTo AdditionalCharges
annotation	documentation Prepayment
source	<pre><xs:element name="PrepaymentInstructions"> <xs:annotation></pre>

```

<xs:documentation>Prepayment</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="PrepaymentCustomer" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:choice>
          <xs:element ref="PrepaidCodeCustomer"/>
          <xs:element ref="IncotermCode"/>
        </xs:choice>
      </xs:complexType>
    </xs:element>
    <xs:element ref="PrepaidcodeCarrier"/>
    <xs:element name="PaidUpTo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Charges Paid Up To ... This information is being
sent by the consignor in agreement with the contractual carrier so only one
structure is needed for field 20 and 49. The carrier is only allowed to
apply changes, when ordered by the consignor.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:complexContent>
          <xs:extension base="LocationIdent"/>
        </xs:complexContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5">
      <xs:annotation>
        <xs:documentation>Additional Charges</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Code">
            <xs:annotation>
              <xs:documentation>Additional charges code according CIT GLV-
CIM appendix 3</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="2"/>
                <xs:pattern value="\d*[1-9]\d*"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Description" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Additional charges
description</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```



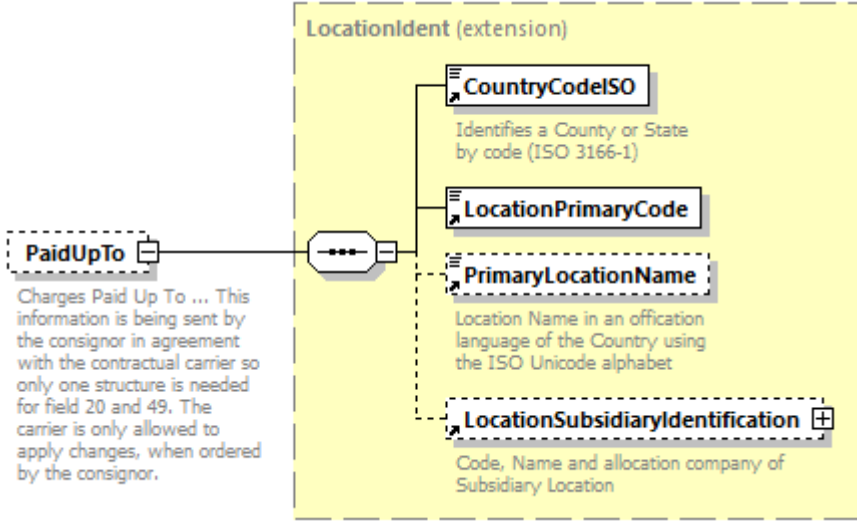
```

        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

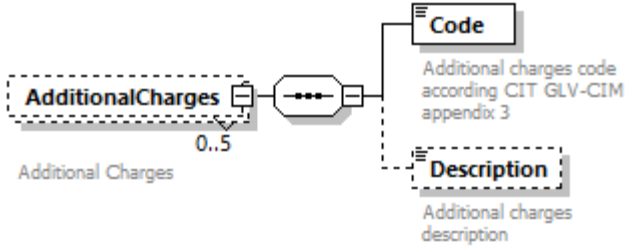
element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PrepaymentCustomer**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>PrepaidCodeCustomer IncotermCode</p>
<p>annotation</p>	<p>documentation Prepaidcode (given by the client)</p>
<p>source</p>	<pre> <xs:element name="PrepaymentCustomer" minOccurs="0"> <xs:annotation> <xs:documentation>Prepaidcode (given by the client)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo**

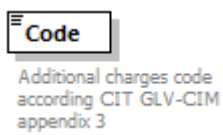
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</p>
<p>source</p>	<pre><xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges**

<p>diagram</p>	
----------------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 5 content complex
children	Code Description
annotation	documentation Additional Charges
source	<pre> <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Code**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>2</td> <td></td> </tr> </table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						

	pattern \d*[1-9]\d*
annotation	documentation Additional charges code according CIT GLV-CIM appendix 3
source	<pre> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Description

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Additional charges description									
source	<pre> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/Tariff**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	ContractNumber TariffNumber
annotation	documentation Number of customer agreement or tariff
source	<pre> <xs:element name="Tariff"> <xs:annotation> <xs:documentation>Number of customer agreement or tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM/Tariff/ContractNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation Number of customer agreement.									
source	<pre><xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/Tariff/TariffNumber**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)	maxLength	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)											
maxLength	6												
pattern	\d*[1-9]\d*												
annotation	documentation Number of the tariff.												

source	<pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing**

diagram	<pre> classDiagram class SectionalInvoicing { Section 1..30 } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	Section
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="SectionalInvoicing" minOccurs="0"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

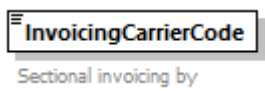
element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 1 maxOcc 30 content complex
children	InvoicingCarrierCode InvoicedSection
annotation	documentation Sectional Invoicing
source	<pre> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> </pre>

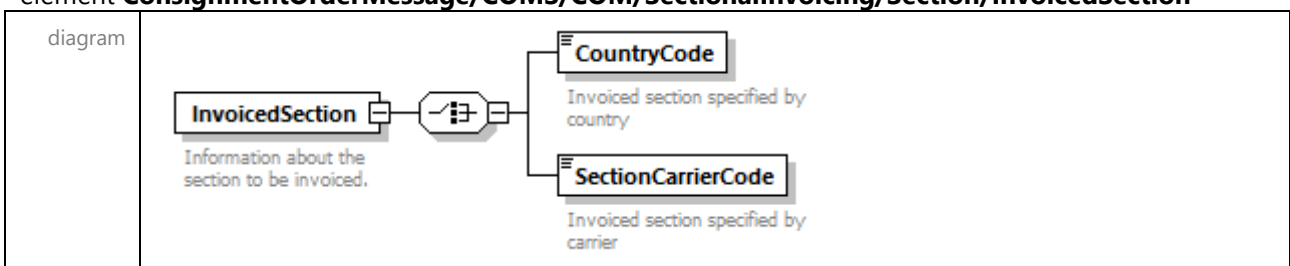

```

<xs:complexType>
  <xs:choice>
    <xs:element name="CountryCode" type="CountryIdentISO">
      <xs:annotation>
        <xs:documentation>Invoiced section specified by
country</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SectionCarrierCode" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Sectional invoicing by												
source	<pre> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	CountryCode SectionCarrierCode
annotation	documentation Information about the section to be invoiced.
source	<pre> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	CountryIdentISO									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Invoiced section specified by country									
source	<pre> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> </pre>									

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Invoiced section specified by carrier												
source	<pre><xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	Amount CurrencyCode						
annotation	documentation Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.						
source	<pre><xs:element name="DeclarationOfValue" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>						

	<pre> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									
source	<pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	CurrencyCode_Type						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </pre>						

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery**

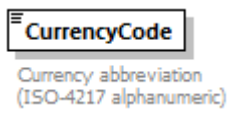
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	Amount CurrencyCode
annotation	documentation Details of the amount and currency code of a special interest in delivery.
source	<pre> <xs:element name="InterestInDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount and currency code of a special interest in delivery.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount**

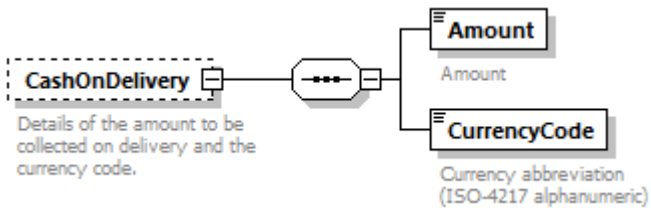
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									

source	<pre><xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element></pre>
--------	--

element ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode

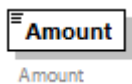
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	CurrencyCode Type						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre><xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element></pre>						

element ConsignmentOrderMessage/COMS/COM/CashOnDelivery

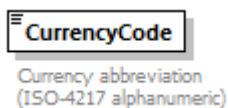
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	Amount CurrencyCode
annotation	documentation Details of the amount to be collected on delivery and the currency code.
source	<pre><xs:element name="CashOnDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount to be collected on delivery and the currency code.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation></pre>

	<pre> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Amount									
source	<pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	CurrencyCode_Type						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)						
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </pre>						

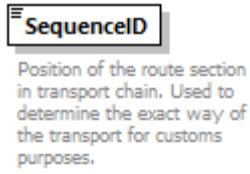
</xs:element>

element **ConsignmentOrderMessage/COMS/COM/RouteSection**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 30 content complex</p>
<p>children</p>	<p>SequenceID RouteCode RouteText</p>
<p>annotation</p>	<p>documentation Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</p>
<p>source</p>	<pre><xs:element name="RouteSection" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> <xs:element name="RouteText" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/RouteSection/SequenceID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RouteSection/RouteCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*0</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]\d*0	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]\d*0									

annotation	documentation Route code (International RouteCode)
source	<pre> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RouteSection/RouteText**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsProcedures**

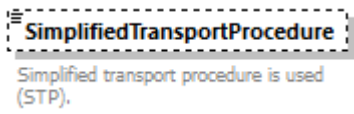
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	RU_Partner Location
annotation	documentation Customs procedures
source	<pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures. </xs:documentation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData**

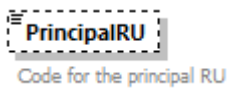
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

properties	minOcc 0 maxOcc 1 content complex
children	SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements
annotation	documentation Customs Data
source	<pre> <xs:element name="CustomsData" minOccurs="0"> <xs:annotation> <xs:documentation>Customs Data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure**

diagram	 <p>Simplified transport procedure is used (STP).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre><xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU**

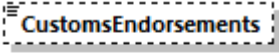
diagram	 <p>Code for the principal RU</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code for the principal RU												
source	<pre><xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsSurveillance**

diagram	 <p>Good under customs surveillance</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:boolean
properties	content simple
annotation	documentation Good under customs surveillance
source	<pre><xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsEndorsements**

diagram	 <p>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.
source	<pre><xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations**

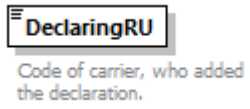
diagram	<p>The diagram shows the structure of the RU_Declarations element. It is a complex type containing a sequence of two child elements: RU_Declaration and DifferentAcceptance. RU_Declaration is annotated with the text 'Carriers declaration' and has a cardinality of 0..30. DifferentAcceptance is annotated with the text 'Details of the changes of the acceptance point given by the consignor.'</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	RU_Declaration DifferentAcceptance
annotation	documentation Carriers declaration
source	<pre> <xs:element name="RU_Declarations" minOccurs="0"> <xs:annotation> <xs:documentation>Carriers declaration</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

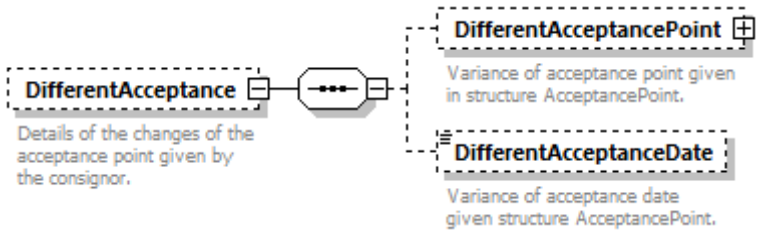
element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 30 content complex
children	DeclaringRU RU_DeclarationCode DeclarationText
annotation	documentation Details of the carriers declaration.
source	<pre> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of carrier, who added the declaration.												
source	<pre><xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	DifferentAcceptancePoint DifferentAcceptanceDate						
annotation	documentation Details of the changes of the acceptance point given by the consignor.						
source	<pre><xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation></pre>						

```

        </xs:annotation>
    </xs:element>
    <xs:element name="DifferentAcceptanceDate" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Variance of acceptance date given structure
AcceptancePoint.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```


element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

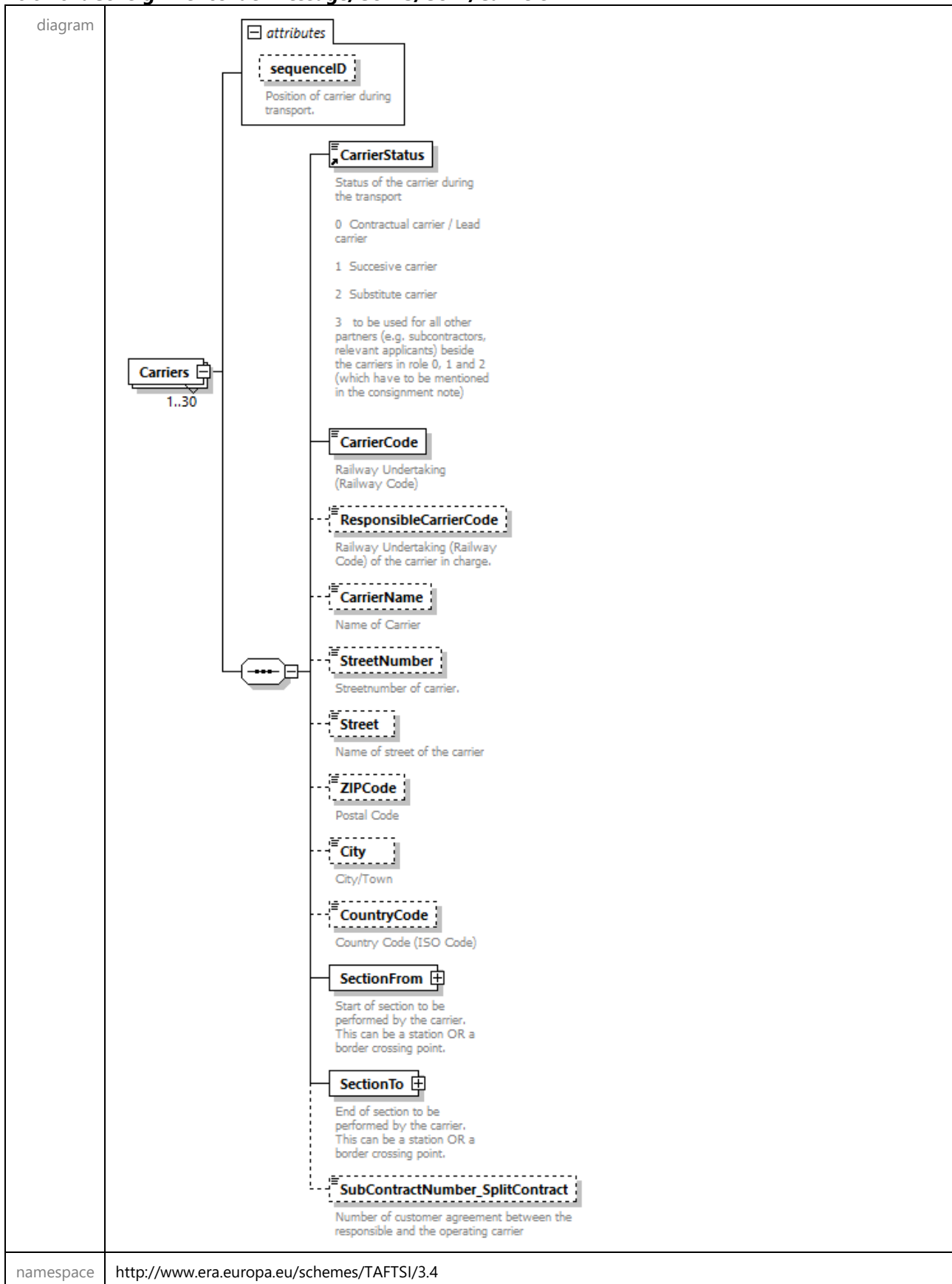
<p>diagram</p>	<p>The diagram illustrates the structure of the DifferentAcceptancePoint element. It is a complex type that contains four child elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). The DifferentAcceptancePoint element is shown as a dashed box containing a small diagram of a train, indicating its role as a variance of acceptance point within the AcceptancePoint structure.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Variance of acceptance point given in structure AcceptancePoint.</p>
<p>source</p>	<pre> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers**



properties	minOcc 1 maxOcc 30 content complex												
children	CarrierStatus CarrierCode ResponsibleCarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode SectionFrom SectionTo SubContractNumber SplitContract												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>sequenceID</td> <td>xs:int</td> <td></td> <td></td> <td></td> <td>documentation Position of carrier during transport.</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	sequenceID	xs:int				documentation Position of carrier during transport.
Name	Type	Use	Default	Fixed	Annotation								
sequenceID	xs:int				documentation Position of carrier during transport.								
source	<pre> <xs:element name="Carriers" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CarrierStatus"/> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>												

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be performed by the carrier.
    This can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed by the carrier.
    This can be a station OR a border crossing point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement between the
    responsible and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1">
        <xs:annotation>
          <xs:documentation>has to be sent as n6 (with leading zeros
          if necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>

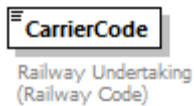
```

	<pre> </xs:element> </xs:sequence> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element> </pre>
--	---

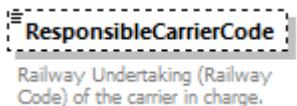
attribute **ConsignmentOrderMessage/COMS/COM/Carriers/@sequenceID**

type	xs:int
annotation	documentation Position of carrier during transport.
source	<pre> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking (Railway Code)												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode**

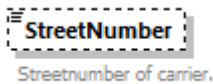
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Railway Undertaking (Railway Code) of the carrier in charge.
source	<pre><xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierName**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of Carrier
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/StreetNumber**

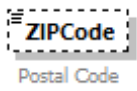
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/Street**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of street of the carrier
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

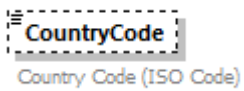
element **ConsignmentOrderMessage/COMS/COM/Carriers/ZIPCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Postal Code									
source	<pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

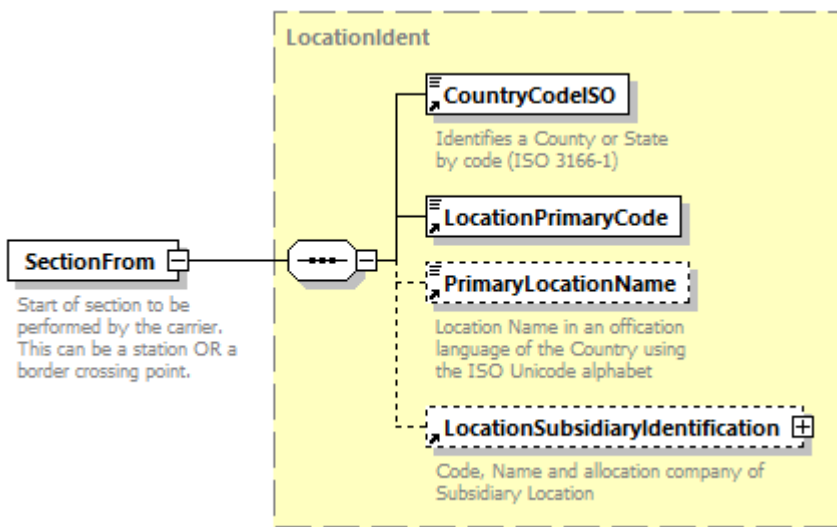
element **ConsignmentOrderMessage/COMS/COM/Carriers/City**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City/Town									
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre><xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Start of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre><xs:element name="SectionFrom" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of section to be performed by the carrier. This</pre>

	<pre> can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo**

diagram	<p>The diagram shows a SectionTo element (represented by a rectangle with a small square on the right) containing a LocationIdent complex content (represented by a dashed-line rectangle). Inside LocationIdent, there are four sub-elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<pre> <xs:element name="SectionTo" type="LocationIdent"> <xs:annotation> <xs:documentation>End of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/Carriers/SubContractNumber_SplitContract**

diagram	<p>The diagram shows a SubContractNumber_SplitContract element (represented by a dashed-line rectangle) with the documentation: "Number of customer agreement between the responsible and the operating carrier".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									

annotation	documentation Number of customer agreement between the responsible and the operating carrier
source	<pre> <xs:element name="SubContractNumber_SplitContract" minOccurs="0"> <xs:annotation> <xs:documentation>Number of customer agreement between the responsible and the operating carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>


element **ConsignmentOrderMessage/COMS/COM/LeadCarrier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	CarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode Signature

annotation	documentation LeadCarrier/ Contractual carrier
source	<pre> <xs:element name="LeadCarrier"> <xs:annotation> <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


	<pre> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Contractual carrier, railway undertaking (Railway Code).												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </pre>												

	<code></xs:element></code>
--	----------------------------------

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of contractual carrier									
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/StreetNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Streetnumber of carrier.									
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


```

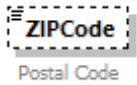
<xs:maxLength value="5"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element ConsignmentOrderMessage/COMS/COM/LeadCarrier/Street

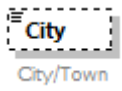
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of street of the carrier									
source	<pre> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element ConsignmentOrderMessage/COMS/COM/LeadCarrier/ZIPCode

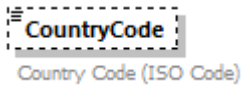
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Postal Code									
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> </pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/City**

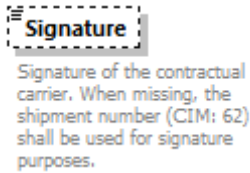
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City/Town									
source	<pre> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode**

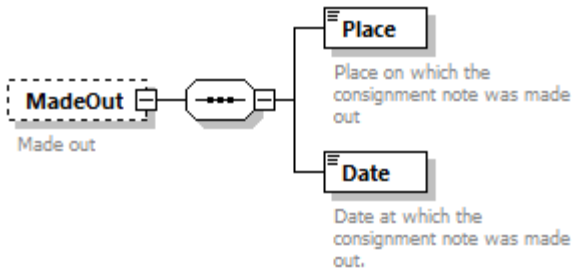
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	CountryIdentISO									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country Code (ISO Code)									
source	<pre> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> </pre>									

	<pre> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/Signature**

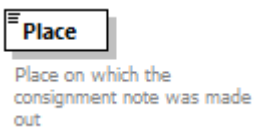
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.									
source	<pre> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/MadeOut**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex

children	Place Date
annotation	documentation Made out
source	<pre> <xs:element name="MadeOut" minOccurs="0"> <xs:annotation> <xs:documentation>Made out</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/MadeOut/Place**

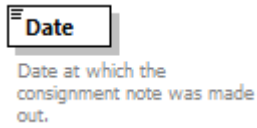
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Place on which the consignment note was made out									
source	<pre> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>									

```

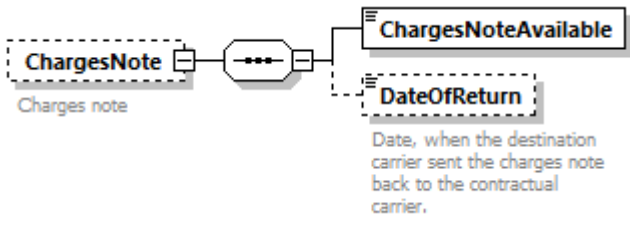
<xs:maxLength value="35"/>
<xs:minLength value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element ConsignmentOrderMessage/COMS/COM/MadeOut/Date

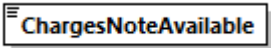
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
annotation	documentation Date at which the consignment note was made out.
source	<pre> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/ChargesNote

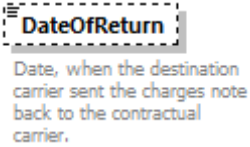
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	ChargesNoteAvailable DateOfReturn
annotation	documentation Charges note
source	<pre> <xs:element name="ChargesNote" minOccurs="0"> <xs:annotation> <xs:documentation>Charges note</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChargesNoteAvailable" type="xs:boolean"/> <xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the </pre>

	<pre>charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/ChargesNoteAvailable**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
source	<pre><xs:element name="ChargesNoteAvailable" type="xs:boolean"/></pre>

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/DateOfReturn**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date, when the destination carrier sent the charges note back to the contractual carrier.
source	<pre><xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 30 content complex</p>
<p>children</p>	<p>CodeOfCause Description Place Beginning Ending</p>
<p>source</p>	<pre><xs:element name="TransitPeriodExtensions" minOccurs="0" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CodeOfCause"/> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </pre>

	<pre> </xs:simpleType> </xs:element> <xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Description**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>180</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	180	
Kind	Value	Annotation								
minLength	1									
maxLength	180									
annotation	documentation Description for CodeOfCause no. 9.									
source	<pre> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Place**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation			
Kind	Value	Annotation					

	minLength 1 maxLength 180
annotation	documentation Place of the extension.
source	<pre><xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Beginning**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:dateTime
properties	content simple
annotation	documentation Beginning of the extension.
source	<pre><xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Ending**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:dateTime
properties	content simple
annotation	documentation End of extension.
source	<pre><xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType></pre>

```
<xs:restriction base="xs:dateTime"/>
</xs:simpleType>
</xs:element>
```

element **ConsignmentOrderMessage/COMS/COM/ChargingSections**

<p>diagram</p>	<p>The diagram shows a class ChargingSections with a multiplicity of 1..15. It contains several elements: Start (Start of the charging section), End (End of the charging section), CommercialRouteCode (Route code (RIP) when the customer agreement or the tariff applied provide for it.), CurrencyCode (Code for the currency of the amounts entered in the charging section.), Tariff (Freight Charges Section Tariff), and AdditionalCharges (multiplicity 0..10).</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 1 maxOcc 15 content complex</p>
<p>children</p>	<p>Start End CommercialRouteCode CurrencyCode Tariff AdditionalCharges</p>
<p>annotation</p>	<p>documentation Charging section</p>
<p>source</p>	<pre><xs:element name="ChargingSections" maxOccurs="15"> <xs:annotation> <xs:documentation>Charging section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or</pre>

```

the tariff applied provide for it. </xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="\d*[1-9]\d*" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
  <xs:annotation>
    <xs:documentation>Code for the currency of the amounts entered in
the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ChargedMass" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m² or the volume of the wagon or goods in m³ if used as
the basis for charging.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value">
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:minInclusive value="1"/>
                  <xs:totalDigits value="8"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="measure" minOccurs="0">

```

```

        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="kg"/>
            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by
the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in km,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>

```

```

        </xs:choice>
      </xs:complexType>
    </xs:element>
    <xs:element name="Fee" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Supplements, fees,
deductions</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:totalDigits value="4"/>
          <xs:minInclusive value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="FreightCharges" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:choice>
          <xs:element name="Prepaid" type="Money_Type">
            <xs:annotation>
              <xs:documentation>Carriage charges to be paid by the
consignor in the tariff currency.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="Transferred" type="Money_Type">
            <xs:annotation>
              <xs:documentation>Carriage charges to be paid by the
consignee in the tariff currency.</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:choice>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation/>
    <xs:documentation>Sum of Prepaid</xs:documentation>
    <xs:documentation>Sum of Transferred</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

</xs:element>
<xs:choice>
  <xs:element name="Prepaid" type="Money_Type">
    <xs:annotation>
      <xs:documentation>Prepaid</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="Transferred" type="Money_Type">
    <xs:annotation>
      <xs:documentation>Transferred</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Start**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Start of the charging section</p>
<p>source</p>	<pre> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/End**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End of the charging section
source	<pre><xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element></pre>

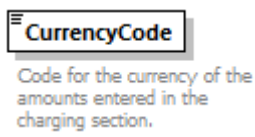
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CommercialRouteCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 3 pattern \d*[1-9]\d*
annotation	documentation Route code (RIP) when the customer agreement or the tariff applied provide for it.
source	<pre><xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or the tariff applied provide for it. </xs:documentation> </xs:annotation> </xs:element></pre>

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="\d*[1-9]\d*" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	CurrencyCode Type						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </table>	Kind	Value	Annotation	pattern	[A-Z][A-Z][A-Z]	
Kind	Value	Annotation					
pattern	[A-Z][A-Z][A-Z]						
annotation	documentation Code for the currency of the amounts entered in the charging section.						
source	<pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Code for the currency of the amounts entered in the charging section.</xs:documentation> </xs:annotation> </xs:element> </pre>						

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>NHMCode TariffNumber ChargedMass ExchangeRate Distance Fee FreightCharges</p>
<p>annotation</p>	<p>documentation Freight Charges Section Tariff</p>
<p>source</p>	<pre><xs:element name="Tariff" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges Section Tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TariffNumber"></pre>

```

    <xs:annotation>
      <xs:documentation>Customer agreement or tariff
    applied</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="6"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ChargedMass" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Charged mass [weight in kg]. As appropriate,
    area in m2 or the volume of the wagon or goods in m3 if used as the basis
    for charging.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="value">
          <xs:simpleType>
            <xs:restriction base="xs:decimal">
              <xs:minInclusive value="1"/>
              <xs:totalDigits value="8"/>
              <xs:fractionDigits value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="measure" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:token">
              <xs:enumeration value="kg"/>
              <xs:enumeration value="m2"/>
              <xs:enumeration value="m3"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ExchangeRate" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Exchange rate for amounts to be paid by the
    consignor or consignee which are not expressed in the invoicing
    currency.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:decimal">
        <xs:totalDigits value="18"/>
        <xs:fractionDigits value="3"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Distance" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Tariff distance, expressed in km or zones,
    between the stations or points corresponding to the beginning and end of the
    charging section.</xs:documentation>

```

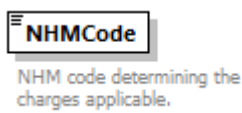
```

</xs:annotation>
<xs:complexType>
  <xs:choice>
    <xs:element name="KM">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in km, between
the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Zones">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees, deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be paid by the
consignor in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>


```

	<pre> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	NHMCodeType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM code determining the charges applicable.									
source	<pre> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/TariffNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	6	
Kind	Value	Annotation								
minLength	1									
maxLength	6									
annotation	documentation Customer agreement or tariff applied									
source	<pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Customer agreement or tariff applied</xs:documentation> </xs:element> </pre>									

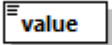
	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass**

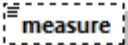
diagram	<p>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	value measure
annotation	documentation Charged mass [weight in kg]. As appropriate, area in m ² or the volume of the wagon or goods in m ³ if used as the basis for charging.
source	<pre> <xs:element name="ChargedMass" minOccurs="0"> <xs:annotation> <xs:documentation>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------

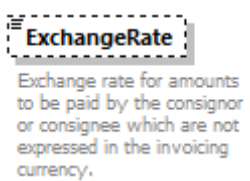
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/value**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:decimal												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>8</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		totalDigits	8		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	1												
totalDigits	8												
fractionDigits	1												
source	<pre><xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

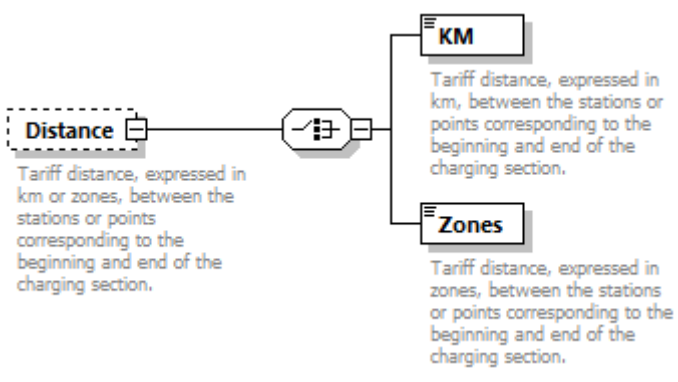
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/measure**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:token												
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple						
minOcc	0												
maxOcc	1												
content	simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>kg</td> <td></td> </tr> <tr> <td>enumeration</td> <td>m2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>m3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	kg		enumeration	m2		enumeration	m3	
Kind	Value	Annotation											
enumeration	kg												
enumeration	m2												
enumeration	m3												
source	<pre><xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ExchangeRate**

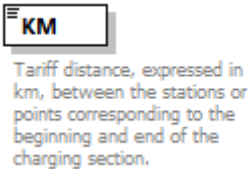
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	3	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	3									
annotation	documentation Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.									
source	<pre><xs:element name="ExchangeRate" minOccurs="0"> <xs:annotation> <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	KM Zones
annotation	documentation Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of

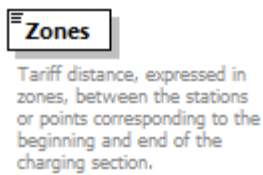
	the charging section.
source	<pre> <xs:element name="Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/KM**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									

annotation	documentation Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.
source	<pre><xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

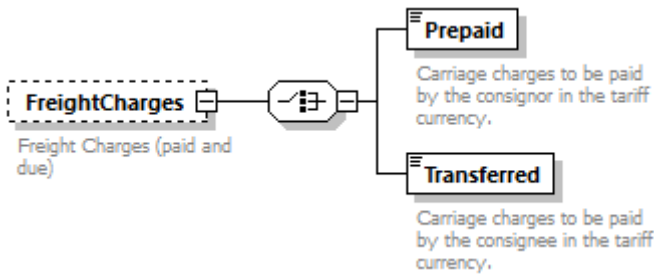
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/Zones**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.									
source	<pre><xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Fee**

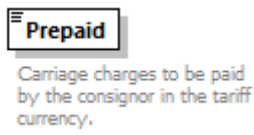
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 totalDigits 4
annotation	documentation Supplements, fees, deductions
source	<pre> <xs:element name="Fee" minOccurs="0"> <xs:annotation> <xs:documentation>Supplements, fees, deductions</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="4"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges**

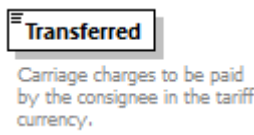
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	Prepaid Transferred
annotation	documentation Freight Charges (paid and due)
source	<pre> <xs:element name="FreightCharges" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges (paid and due)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

	<pre> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Carriage charges to be paid by the consignor in the tariff currency.									
source	<pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Carriage charges to be paid by the consignee in the tariff currency.									


source	<pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges**

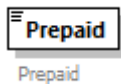
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 10 content complex
children	Code Prepaid Transferred
annotation	documentation Sum of Prepaid documentation Sum of Transferred
source	<pre><xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation/> <xs:documentation>Sum of Prepaid</xs:documentation> <xs:documentation>Sum of Transferred</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation></pre>

	<pre> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Code**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Additional charges code									
source	<pre> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid**

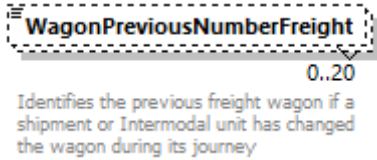
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Prepaid									
source	<pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> </pre>									

	<pre></xs:annotation> </xs:element></pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Money_Type									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Transferred									
source	<pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight**

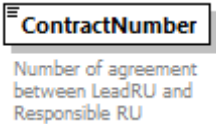
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of WagonIdent												
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>20</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	20	content	simple						
minOcc	0												
maxOcc	20												
content	simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>12</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	12		maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation											
length	12												
maxLength	12												
pattern	[0-9]{12}												
annotation	documentation Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey												
source	<pre><xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType></pre>												

	<code></xs:element></code>
--	----------------------------------

element **ContainerHandlingFlag**

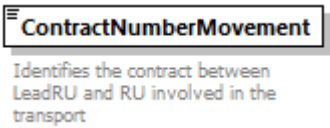
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation This establishment is able to handle container traffic
source	<pre><xs:element name="ContainerHandlingFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>This establishment is able to handle container traffic</xs:documentation> </xs:annotation> </xs:element></pre>

element **ContractNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)	maxLength	6	
Kind	Value	Annotation								
minLength	1	documentation has to be sent as n6 (with leading zeros if necessary)								
maxLength	6									
annotation	documentation Number of agreement between LeadRU and Responsible RU									
source	<pre><xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ContractNumberMovement**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identifies the contract between LeadRU and RU involved in the transport									
source	<pre> <xs:element name="ContractNumberMovement" type="FreeText"> <xs:annotation> <xs:documentation>Identifies the contract between LeadRU and RU involved in the transport</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **CoordinatingIM**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												

annotation	documentation The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.
source	<pre><xs:element name="CoordinatingIM" type="CompanyCode"> <xs:annotation> <xs:documentation>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner- IMs. </xs:documentation> </xs:annotation> </xs:element></pre>

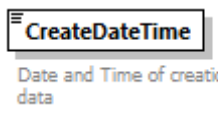
element **Core**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	content simple															
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>12</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[\-*0-9A-Z]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	12		maxLength	12		whiteSpace	replace		pattern	[\-*0-9A-Z]{12}	
Kind	Value	Annotation														
minLength	12															
maxLength	12															
whiteSpace	replace															
pattern	[\-*0-9A-Z]{12}															
annotation	documentation It is the main part of identifier and is determined by the company that creates it.															
source	<pre><xs:element name="Core"> <xs:annotation> <xs:documentation>It is the main part of identifier and is determined by the company that creates it.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="12"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="12"/> <xs:pattern value="[\-*0-9A-Z]{12}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

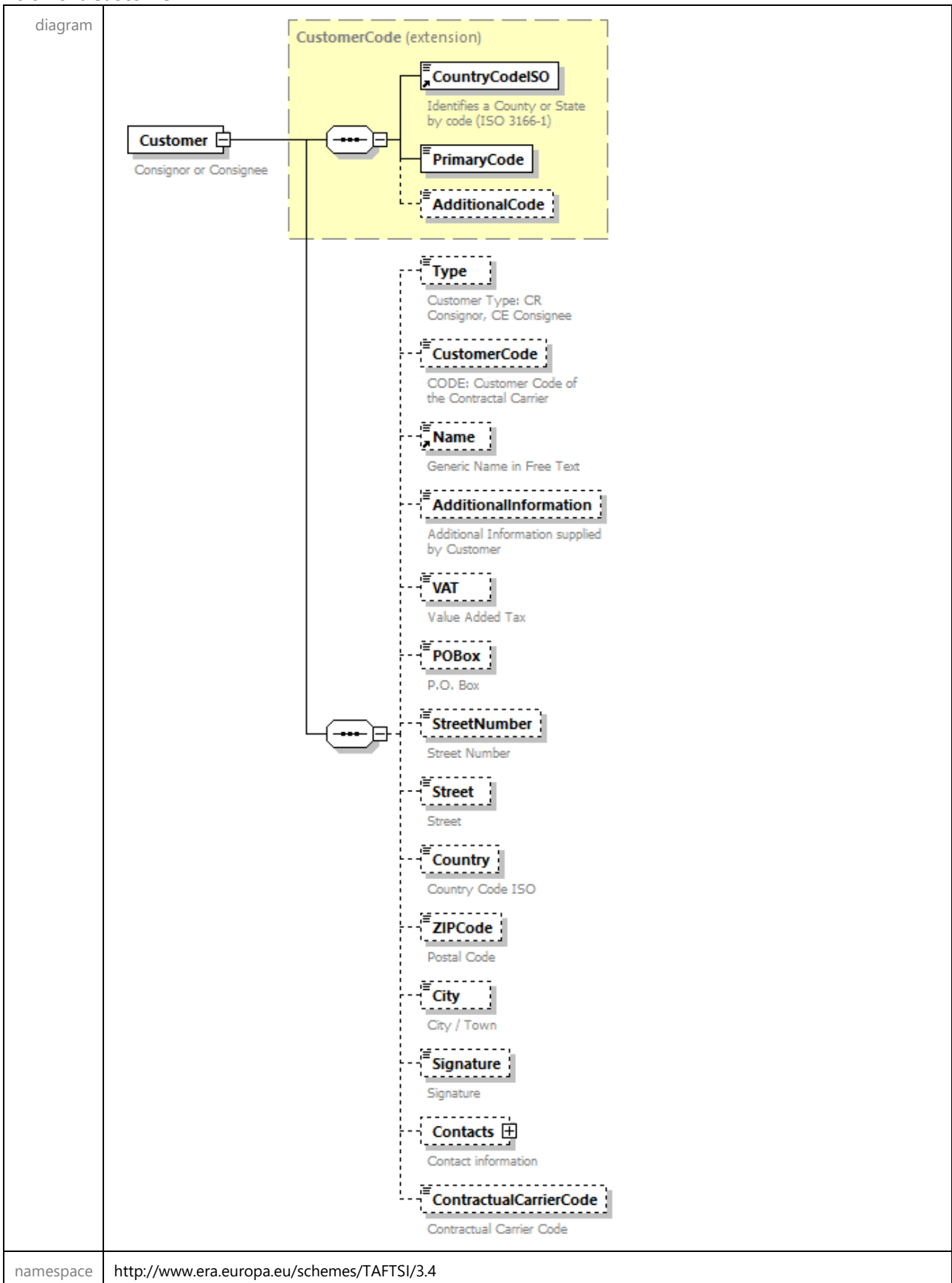
element **CountryCodeISO**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	extension of CountryIdentISO									
properties	content complex									
used by	<p>elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles</p> <p>complexTypees CustomerCode LocationIdent</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<p>documentation Identifies a County or State by code (ISO 3166-1)</p>									
source	<pre><xs:element name="CountryCodeISO"> <xs:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-1)</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CountryIdentISO"/> </xs:simpleContent> </xs:complexType> </xs:element></pre>									

element **CreateDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	<p>documentation Date and Time of creation of data</p>
source	<pre><xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element></pre>

element **Customer**



type	extension of CustomerCode
properties	content complex
children	CountryCodeISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Consignor or Consignee
source	<pre> <xs:element name="Customer"> <xs:annotation> <xs:documentation>Consignor or Consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="CustomerCode"> <xs:sequence> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Name" minOccurs="0"/> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </pre>

```

</xs:annotation>
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    <xs:maxLength value="25"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="POBox" minOccurs="0">
  <xs:annotation>
    <xs:documentation>P.O. Box</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Street Number</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
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      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Street</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code ISO</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>

```

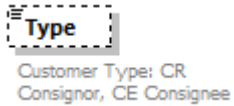
```

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      </xs:restriction>
    </xs:simpleType>
  </xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City / Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Contacts" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contact information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PhonNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Telephone Number</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="FaxNumber" minOccurs="0"/>
      <xs:element ref="eMail" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ContractualCarrierCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contractual Carrier Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

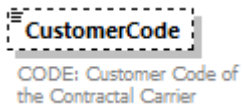
```

	<pre> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--

element **Customer/Type**

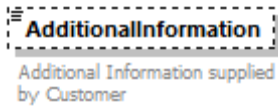
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration CR enumeration CE
annotation	documentation Customer Type: CR Consignor, CE Consignee
source	<pre> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/CustomerCode**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 16
annotation	documentation CODE: Customer Code of the Contractual Carrier
source	<pre> <xs:element name="CustomerCode" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **Customer/AdditionalInformation**

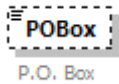
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>45</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	45	
Kind	Value	Annotation								
minLength	1									
maxLength	45									
annotation	documentation Additional Information supplied by Customer									
source	<pre> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Customer/VAT**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Value Added Tax									
source	<pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/POBox**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation P.O. Box									
source	<pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/StreetNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Street Number
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Street Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/Street**

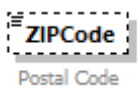
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/Country**

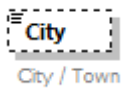
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 2
annotation	documentation Country Code ISO
source	<pre><xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>


element **Customer/ZIPCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/City**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation City / Town									
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City / Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/Signature**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Signature									
source	<pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/Contacts**

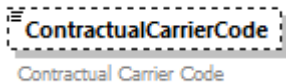
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	PhonNumber FaxNumber eMail
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Customer/Contacts/PhonNumber**

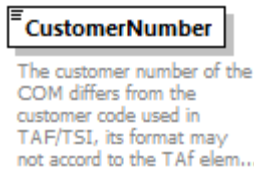
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Telephone Number
source	<pre><xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/ContractualCarrierCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 4
annotation	documentation Contractual Carrier Code
source	<pre><xs:element name="ContractualCarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>Contractual Carrier Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CustomerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	restriction of xs:string									
properties	content simple									
used by	elements Customers LoadingFacility									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>16</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element									
source	<pre> <xs:element name="CustomerNumber"> <xs:annotation> <xs:documentation>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Customers**

<p>diagram</p>	<p>Customers Information about the consignor, consignee and freight payers.</p> <ul style="list-style-type: none"> CustomerType: Type of participation CustomerNumber: CustomerNumber Name: Generic Name in Free Text AdditionalInformation VAT: VAT identification Nr of customer POBox: P.O. Box StreetNumber: House number Street: Street Country: Country Code (ISO Code) ZIPCode: Postal Code City: City/Town Signature: Signature AdministrativeContactInformation: Used to define administrative contact information
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CustomerType CustomerNumber Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature AdministrativeContactInformation</p>
<p>used by</p>	<p>elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonReleaseNoticeMessage</p>
<p>annotation</p>	<p>documentation Information about the consignor, consignee and freight payers.</p>
<p>source</p>	<pre><xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor, consignee and freight payers.</xs:documentation> </xs:annotation> </xs:element></pre>


```

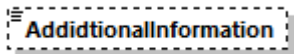
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CustomerType"/>
    <xs:element ref="CustomerNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>CustomerNumber</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="Name" minOccurs="0"/>
    <xs:element name="AdditionalInformation" minOccurs="0"/>
    <xs:element name="VAT" minOccurs="0">
      <xs:annotation>
        <xs:documentation>VAT identification Nr of
customer</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="25"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="POBox" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P.O. Box</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="StreetNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>House number</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Street</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Country" type="CountryIdentISO" minOccurs="0">
      <xs:annotation>

```


```

        <xs:documentation>Country Code (ISO Code)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Signature" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Signature</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="AdministrativeContactInformation"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

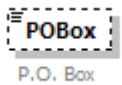
element **Customers/AddiditionalInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1
source	<xs:element name="AddiditionalInformation" minOccurs="0"/>

element **Customers/VAT**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation VAT identification Nr of customer									
source	<pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>VAT identification Nr of customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/POBox**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation P.O. Box									
source	<pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:element></code>
--	----------------------------------

element **Customers/StreetNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation House number									
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>House number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customers/Street**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Street									
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

```

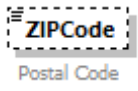
<xs:maxLength value="35"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **Customers/Country**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre> <xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Customers/ZIPCode**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Postal Code
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<code></xs:element></code>
--	----------------------------------

element **Customers/City**

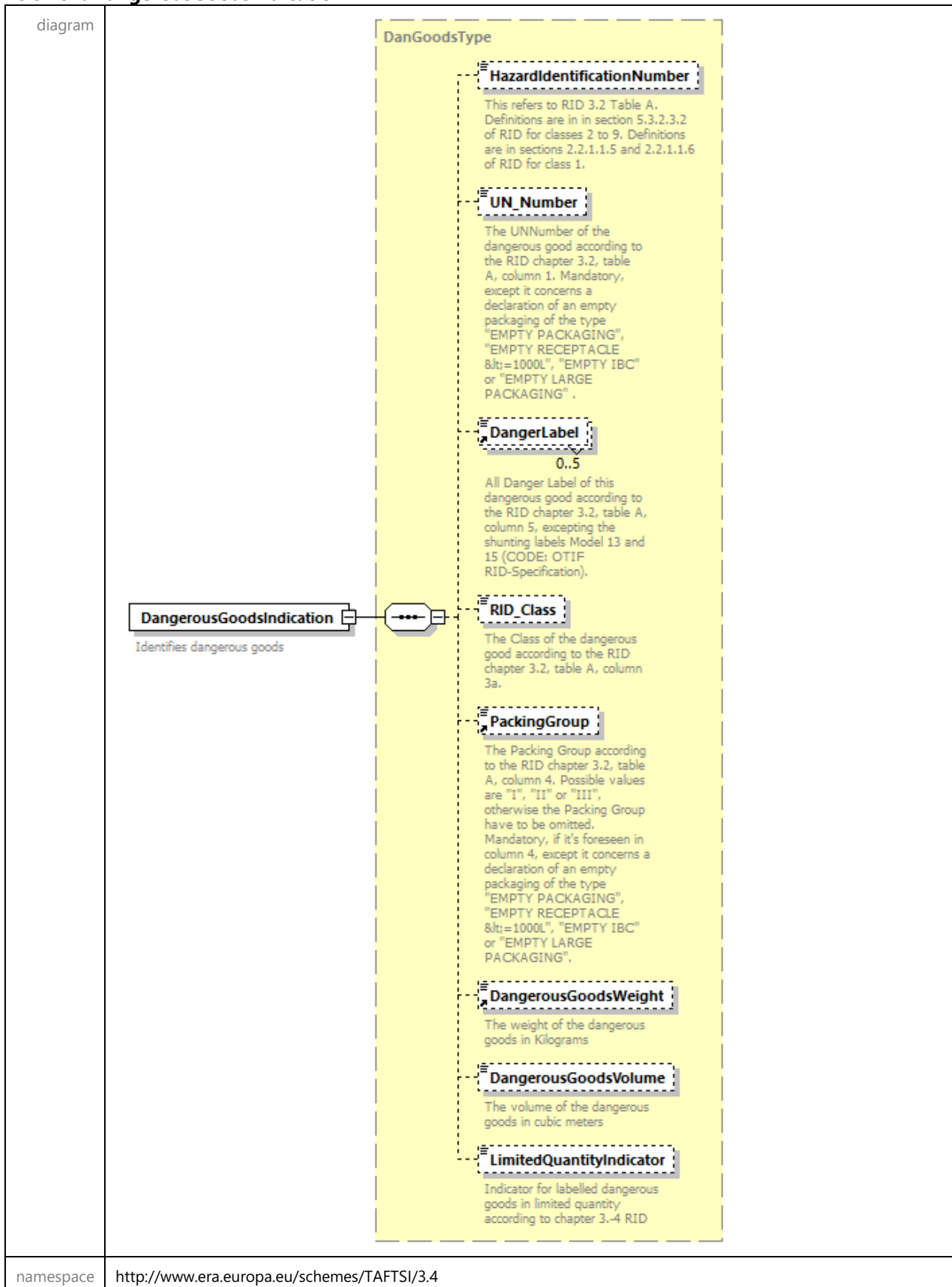
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customers/Signature**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature
source	<pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

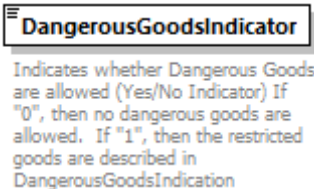
	<pre><xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	--

element **DangerousGoodsIndication**




type	DanGoodsType
properties	content complex
children	HazardIdentificationNumber UN Number DangerLabel RID Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	elements WIMO Dataset/ConsignmentLevelData PlannedTrainData RID WagonExceptionMessage WagonExceptionReasonMessage WagonOperationalData
annotation	documentation Identifies dangerous goods
source	<pre><xs:element name="DangerousGoodsIndication" type="DanGoodsType"> <xs:annotation> <xs:documentation>Identifies dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element TrainRunningData
annotation	documentation Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication
source	<pre><xs:element name="DangerousGoodsIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsVolume**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	VolumeValue
properties	content simple

used by	element SummaryOfGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>


element **DangerousGoodsWeight**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/GoodsInWagon/RID SummaryOfGoodsWithSameRID complexType DanGoodsType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of dangerous goods in kilograms												
source	<pre><xs:element name="DangerousGoodsWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation> </xs:annotation> </xs:element></pre>												

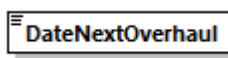
element **Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
annotation	documentation Date
source	<pre><xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date</xs:documentation> </xs:annotation> </xs:element></pre>

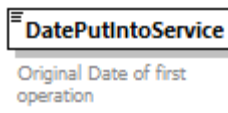
element **DateLastOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
source	<pre><xs:element name="DateLastOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. </xs:documentation> </xs:annotation> </xs:element></pre>

element **DateNextOverhaul**

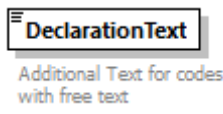
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
source	<pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre>

element **DatePutIntoService**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
used by	element RollingStockDataset/AdministrativeDataSet
annotation	documentation Original Date of first operation
source	<pre><xs:element name="DatePutIntoService" type="xs:date"> <xs:annotation> <xs:documentation>Original Date of first operation</xs:documentation> </xs:annotation> </xs:element></pre>

	<code></xs:element></code>
--	----------------------------------

element **DeclarationText**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Additional Text for codes with free text									
source	<pre><xs:element name="DeclarationText"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DelayCause**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	DelayCode															
properties	content simple															
used by	elements DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation Wrong application of priority rules
Kind	Value	Annotation														
enumeration	11	documentation Formation of trains if managed by infrastructure manager														
enumeration	10	documentation Timetable compilation														
enumeration	12	documentation Mistakes in operational procedures														
enumeration	13	documentation Wrong application of priority rules														

enumeration	14	
enumeration	18	documentation
		Staff
enumeration	19	documentation
		Other causes related to the operational planning and management
enumeration	20	documentation
		Signalling installations
enumeration	21	documentation
		Signalling installations at level crossings
enumeration	22	documentation
		Telecommunication installations
enumeration	23	documentation
		Power supply equipment
enumeration	24	documentation
		Track
enumeration	25	documentation
		Structures
enumeration	28	documentation
		Staff
enumeration	29	documentation
		Other causes related to infrastructure installations
enumeration	31	documentation
		Irregularities in execution of construction work
enumeration	30	documentation
		Planned construction work
enumeration	32	documentation
		Speed restrictions due to defective track
enumeration	39	documentation
		Other causes related to Civil engineering
enumeration	40	documentation
		Delay caused by next IM
enumeration	41	documentation
		Delay caused by previous IM
enumeration	50	documentation
		exceeding the stop time
enumeration	51	documentation
		Request of the RU
enumeration	52	documentation
		Loading operations
enumeration	53	documentation
		Loading irregularities
enumeration	54	documentation
		Commercial preparation of the train
enumeration	58	documentation
		Staff
enumeration	59	documentation
		Other causes related to commercial causes
enumeration	60	documentation
		Roster planning/re-rostering
enumeration	61	documentation
		Formation of trains by the RU
enumeration	62	documentation
		Problems affecting coaches
enumeration	63	documentation
		Problems affecting wagons
enumeration	64	documentation
		Problems affecting traction units
enumeration	68	documentation
		Staff
enumeration	69	documentation
		Other causes related to Rolling Stock
enumeration	70	documentation
		Delay caused by next RU


	enumeration 71	documentation Delay caused by previous RU
	enumeration 80	documentation Strike
	enumeration 81	documentation Administrative formalites
	enumeration 82	documentation Outside influence
	enumeration 83	documentation Effects of weather and natural causes
	enumeration 84	documentation Delay caused by external reasons on the next network
	enumeration 89	documentation Other external causes
	enumeration 90	documentation Dangerous incidents, accidents and hazards
	enumeration 91	documentation Track occupation caused by the lateness of the same train
	enumeration 92	documentation Track occupation caused by the lateness of another train
	enumeration 93	documentation Turn round
	enumeration 94	documentation Connection
	enumeration 95	documentation Further investigation needed
annotation		documentation This element identifies the reason for a delay (modified DelayReason)
source		<pre> <xs:element name="DelayCause" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for a delay (modified DelayReason)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayCauseTime**

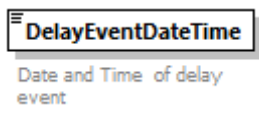
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks</p>
<p>used by</p>	<p>element DelayEventReport</p>
<p>annotation</p>	<p>documentation Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</p>
<p>source</p>	<pre><xs:element name="DelayCauseTime"> <xs:annotation> <xs:documentation>Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayCause"> <xs:annotation> <xs:documentation>Describes the reason for a delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayMinutes"/> <xs:element ref="DelayEventDateTime"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"> <xs:annotation> <xs:documentation>The link to the System Reference</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCodingDateTime" minOccurs="0"> <xs:annotation></pre>

	<pre> <xs:documentation>Date and Time of the ocdding of the delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Remarks" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of the coding of the delay
source	<pre> <xs:element name="DelayCodingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayEventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of delay event
source	<pre> <xs:element name="DelayEventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event </xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayEventReport**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>DelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime</p>
<p>used by</p>	<p>element TrainDelayCauseMessage</p>
<p>annotation</p>	<p>documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)</p>
<p>source</p>	<pre><xs:element name="DelayEventReport"> <xs:annotation> <xs:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayLocation"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="DelayCauseTime"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **DelayLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element DelayEventReport
annotation	documentation Location where the Delay occurred
source	<pre><xs:element name="DelayLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Location where the Delay occurred</xs:documentation> </xs:annotation> </xs:element></pre>

element **DelayMinutes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	String1-5									
properties	content simple									
used by	element DelayCauseTime									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Identifieis the delay (in minutes) of a train for a specified cause									
source	<pre><xs:element name="DelayMinutes" type="String1-5"> <xs:annotation></pre>									

	<pre> <xs:documentation>Identifieis the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **DeliveryAtDestination**

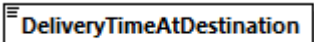
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Destination DeliveryTimeAtDestination
used by	element WagonDeliveryNoticeMessage
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer
source	<pre> <xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="DeliveryTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DeliveryReference**

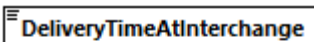
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	elements ILU Details ITU Details Wagons/WagonDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
source	<pre> <xs:element name="DeliveryReference"> <xs:annotation/> <xs:simpleType> </pre>									

	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **DeliveryTimeAtDestination**

diagram	 <p>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element DeliveryAtDestination
annotation	documentation The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer
source	<pre> <xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DeliveryTimeAtInterchange**

diagram	 <p>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element NextIntermediateDestination
annotation	documentation The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU
source	<pre> <xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the </pre>

	responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element>
--	--

element **DepartureInterchangeReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Location DepartureTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation Departure or interchange station ETI Origin
source	<pre> <xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Origin</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DepartureJourneyTrack**

diagram	<p>The diagram shows the structure of the DepartureJourneyTrack element. It is a complex content element that contains a LocationIdent element. The LocationIdent element is a complex type containing four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Indicates the track ID on which the train will start its journey.
source	<pre><xs:element name="DepartureJourneyTrack" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train will start its journey.</xs:documentation> </xs:annotation> </xs:element></pre>

element **DepartureTimeAtLocation**

diagram	<p>The diagram shows the structure of the DepartureTimeAtLocation element. It is a simple content element of type xs:dateTime. The description is: "the scheduled departure date and time at a defined location".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	elements DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin YardDeparture
annotation	documentation the scheduled departure date and time at a defined location
source	<pre><xs:element name="DepartureTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>the scheduled departure date and time at a defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **DepartureTrackAtLocation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p>
<p>source</p>	<pre><xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Destination**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>elements ArrivalAtDestination WIMO Dataset/ConsignmentLevelData DeliveryAtDestination</p>
<p>annotation</p>	<p>documentation Destination Location</p>
<p>source</p>	<pre><xs:element name="Destination" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination Location</xs:documentation> </xs:annotation> </xs:element></pre>

element **Dimensions**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LengthCode Length Width Height</p>


used by	elements ILU Details ITU Details
annotation	documentation Dimensions of the UTI.
source	<pre> <xs:element name="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the UTI.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Length" minOccurs="0"/> <xs:element ref="Width" minOccurs="0"/> <xs:element ref="Height" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Dimensions/LengthCode**

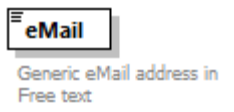
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>10</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	10		totalDigits	2	
Kind	Value	Annotation								
minInclusive	10									
totalDigits	2									
annotation	documentation Length code according to UIC leaflet 592-2 documentation CODE: UIC leaflet 592-2									
source	<pre> <xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> </pre>									

	<pre> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **DwellTime**

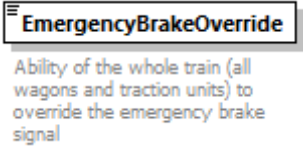
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	fractionDigits	1	
Kind	Value	Annotation					
fractionDigits	1						
annotation	documentation The minimum duration of dwell time expressed in minutes						
source	<pre> <xs:element name="DwellTime"> <xs:annotation> <xs:documentation>The minimum duration of dwell time expressed in minutes </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **eMail**

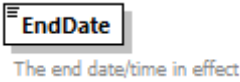
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic eMail address in Free text									
source	<pre> <xs:element name="eMail" type="CommunicationRefID"> </pre>									

	<pre><xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element></pre>
--	---


element **EmergencyBrakeOverride**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre><xs:element name="EmergencyBrakeOverride" type="xs:boolean"> <xs:annotation> <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDate" type="xs:date"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End point of a section or segment
source	<pre><xs:element name="EndLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>End point of a section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **ErrorMessage**

<p>diagram</p>	<p>ErrorMessage</p> <p>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p> <p>MessageHeader Used for all messages</p> <p>MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p>AdministrativeContactInformation Used to define administrative contact information</p> <p>ErrorCauseReference The reference to the message and its particular element(s) that caused the error is provided here</p> <p>Error 1..∞</p> <p>PlannedTransportIdentifiers 0..∞</p> <p>TransportOperationalIdentifiers 0..∞</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus AdministrativeContactInformation ErrorCauseReference Error PlannedTransportIdentifiers TransportOperationalIdentifiers</p>
<p>annotation</p>	<p>documentation This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p>
<p>source</p>	<pre><xs:element name="ErrorMessage"> <xs:annotation> <xs:documentation>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element name="ErrorCauseReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre>

```

minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Error" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TagReference" type="xs:string" minOccurs="0">
        <xs:annotation>
          <xs:documentation>This is a placeholder for XPath expression
indicating the element of the original message which caused the
error.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TypeOfError">
        <xs:annotation>
          <xs:documentation>It is an enumerated type to indicate if
the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or
due to a system failure (2 = TECHNICAL) or both (0 =
BOTH)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Severity">
        <xs:annotation>
          <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-
FATAL The senders and receivers should agree about the severity levels and
their interpretation: should the process stop, should the message be resent
etc.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ErrorCode">
        <xs:annotation>
          <xs:documentation>To be defined: code list from 1 to 9999.
Proposal from PathDossierErrorCode: "Standard values are between 5000 and
6000 (central maintained list). The values greater than 6000 can be used on
national level. "</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="9999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ErrorMessage/ErrorMessageReference**

diagram	<p>The diagram shows a dashed box labeled ErrorCauseReference with the text: "The reference to the message and its particular element(s) that caused the error is provided here". This box is connected to a solid box labeled MessageReference with the text: "This element identifies the message". Below the MessageReference box is another dashed box labeled MessageSenderReference.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	MessageReference MessageSenderReference
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here
source	<pre> <xs:element name="ErrorMessageReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ErrorMessage/ErrorMessageReference/MessageSenderReference**

diagram	<p>The diagram shows a dashed box labeled MessageSenderReference.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	FreeText
properties	minOcc 0 maxOcc 1 content simple

facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
source	<code><xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/></code>		

element **ErrorMessage/Error**

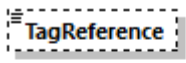
diagram	<p>TagReference This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p> <p>TypeOfError It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p> <p>Severity 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</p> <p>ErrorCode To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</p> <p>FreeTextField Free Text</p>
namespace	<code>http://www.era.europa.eu/schemes/TAFTSI/3.4</code>
properties	minOcc 1 maxOcc unbounded content complex
children	TagReference TypeOfError Severity ErrorCode FreeTextField
source	<pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


```


</xs:annotation>
</xs:element>
<xs:element name="TypeOfError">
  <xs:annotation>
    <xs:documentation>It is an enumerated type to indicate if the
error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to
a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Severity">
  <xs:annotation>
    <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL
The senders and receivers should agree about the severity levels and their
interpretation: should the process stop, should the message be resent
etc.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ErrorCode">
  <xs:annotation>
    <xs:documentation>To be defined: code list from 1 to 9999.
Proposal from PathDossierErrorCode: "Standard values are between 5000 and
6000 (central maintained list). The values greater than 6000 can be used on
national level. "</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="FreeTextField"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ErrorMessage/Error/TagReference**

diagram	 <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression indicating the element of the original message which caused the error.
source	<pre><xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ErrorMessage/Error/TypeOfError**

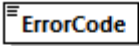
diagram	 <p>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:integer												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2	
Kind	Value	Annotation											
enumeration	0												
enumeration	1												
enumeration	2												
annotation	documentation It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)												
source	<pre><xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/></pre>												

	<pre> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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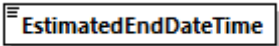
element **ErrorMessage/Error/Severity**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:integer															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4	
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	3															
enumeration	4															
annotation	documentation 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.															
source	<pre> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

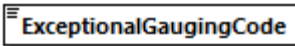
element **ErrorMessage/Error/ErrorCode**

diagram	 <p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	<p>documentation</p> <p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</p>									
source	<pre><xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **EstimatedEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EstimatedEndTime" type="xs:dateTime"/></pre>

element **ExceptionalGaugingCode**

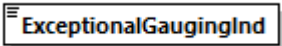
diagram	 <p>Acceptance agreement number, based on guidelines of IM_Partner</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	restriction of xs:string									
properties	content simple									
used by	element ExceptionalGaugingIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner									
source	<pre><xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, based on guidelines of IM_Partner</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

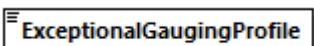
element **ExceptionalGaugingIdent**

diagram	<p>The diagram shows a box for ExceptionalGaugingIdent with the text: "Indicates that an exceptional Gauging is in the train or for the wagon". This box is connected to a sequence container (a circle with three dots) which is then connected to two boxes: IM_Partner (Infrastructure Manager) and ExceptionalGaugingCode (Acceptance agreement number, based on guidelines of IM_Partner).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	IM_Partner ExceptionalGaugingCode
used by	elements PlannedTrainData WagonOperationalData
annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon
source	<pre><xs:element name="ExceptionalGaugingIdent"> <xs:annotation> <xs:documentation>Indicates that an exceptional Gauging is in the train or for the wagon </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element ref="ExceptionalGaugingCode"/> </xs:sequence> </xs:complexType> </xs:element></pre>

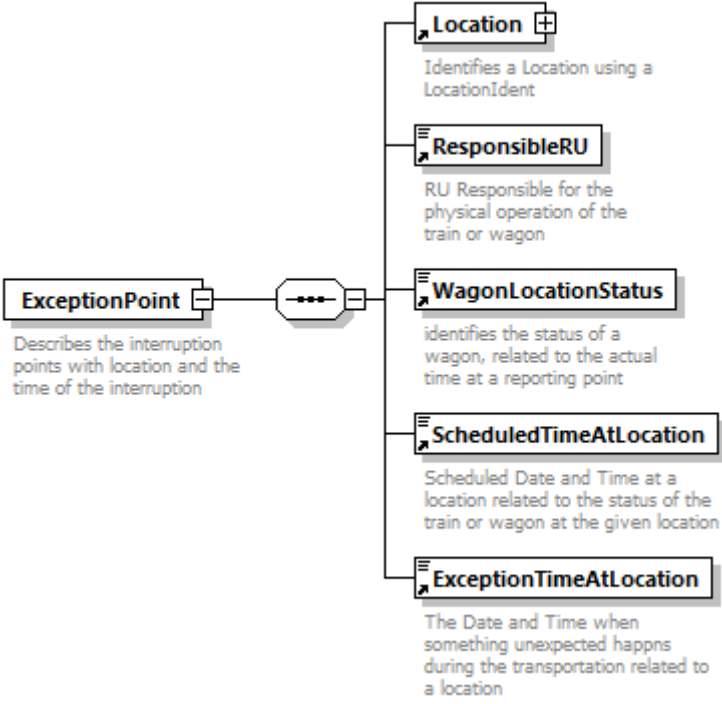
element **ExceptionalGaugingInd**

diagram	 <p>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element TrainRunningData
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
source	<pre><xs:element name="ExceptionalGaugingInd" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</xs:documentation> </xs:annotation> </xs:element></pre>

element **ExceptionalGaugingProfile**

diagram	 <p>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	element WagonOperationalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>7</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	7		maxLength	7	
Kind	Value	Annotation								
minLength	7									
maxLength	7									
annotation	documentation Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)									
source	<pre><xs:element name="ExceptionalGaugingProfile"> <xs:annotation> <xs:documentation>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ExceptionPoint**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation</p>
<p>used by</p>	<p>element WagonExceptionReport</p>
<p>annotation</p>	<p>documentation Describes the interruption points with location and the time of the interruption</p>
<p>source</p>	<pre><xs:element name="ExceptionPoint"> <xs:annotation> <xs:documentation>Describes the interruption points with location and the time of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ResponsibleRU"/> <xs:element ref="WagonLocationStatus"/> <xs:element ref="ScheduledTimeAtLocation"/> <xs:element ref="ExceptionTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ExceptionReason**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonInterruptionReason InterruptionDescription InterruptionType</p>
<p>used by</p>	<p>element WagonExceptionReport</p>
<p>annotation</p>	<p>documentation Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p>
<p>source</p>	<pre> <xs:element name="ExceptionReason"> <xs:annotation> <xs:documentation>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


```

        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **ExceptionReason/WagonInterruptionReason**

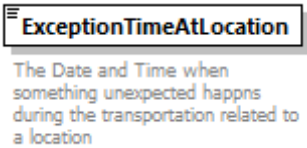
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:token												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>wagon damaged</td> <td></td> </tr> <tr> <td>enumeration</td> <td>change of route</td> <td></td> </tr> <tr> <td>enumeration</td> <td>other</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	wagon damaged		enumeration	change of route		enumeration	other	
Kind	Value	Annotation											
enumeration	wagon damaged												
enumeration	change of route												
enumeration	other												
source	<pre> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **ExceptionReason/InterruptionType**


diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:token															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>0</td> <td>documentation Damage does not cause an interruption of transport run</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Damage causes an interruption of transport run</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation other (no damage)</td> </tr> </tbody> </table>	Kind	Value	Annotation	length	1		enumeration	0	documentation Damage does not cause an interruption of transport run	enumeration	1	documentation Damage causes an interruption of transport run	enumeration	2	documentation other (no damage)
Kind	Value	Annotation														
length	1															
enumeration	0	documentation Damage does not cause an interruption of transport run														
enumeration	1	documentation Damage causes an interruption of transport run														
enumeration	2	documentation other (no damage)														
source	<pre> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> </pre>															

	<pre> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **ExceptionTimeAtLocation**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> <xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time when something unexpected happens during the transportation related to a location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **FaxNumber**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CommunicationRefID

properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic Fax number in Free text									
source	<pre><xs:element name="FaxNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Fax number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									


element **FerryPermittedFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="FerryPermittedFlag" type="xs:boolean"/></pre>


element **FreeTextField**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	<table border="1"> <thead> <tr> <th>elements</th> <th>complexType</th> </tr> </thead> <tbody> <tr> <td>AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation</td> <td>TrainActivityType</td> </tr> </tbody> </table>	elements	complexType	AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation	TrainActivityType					
elements	complexType									
AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation	TrainActivityType									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Free Text									
source	<pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **FreightFlag**

diagram	 <p>Identifies that the Entity or Location is for Freight Activity</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Freight Activity
source	<pre><xs:element name="FreightFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Freight Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeographicalCoordinates**

diagram	 <p>Longitude and latitude as defined in UIC Leaflet 920-2</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leaflet 920-2
source	<pre><xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leaflet 920-2</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeographicCoordinates**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Latitude Longitude Altitude SRID</p>
<p>used by</p>	<p>elements GNSS_DynamicPosition LocationPrimaryInformation LocationSubsidiaryInformation</p>
<p>annotation</p>	<p>documentation Latitude and Longitude of location</p>
<p>source</p>	<pre><xs:element name="GeographicCoordinates"> <xs:annotation> <xs:documentation>Latitude and Longitude of location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Latitude"> <xs:annotation> <xs:documentation>SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Longitude"> <xs:annotation> <xs:documentation>If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Altitude" minOccurs="0"/> <xs:element ref="SRID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

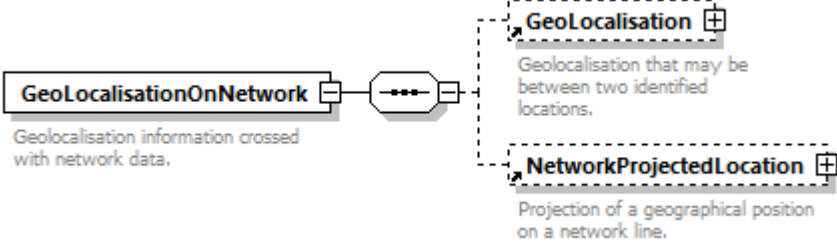
element **GeoLocalisation**

diagram	<p>GeoLocalisation Geolocalisation that may be between two identified locations.</p> <p>GNSS_DynamicPosition</p> <p>LocalisationPrecision Precision of the position. Expressed in metres.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	GNSS_DynamicPosition LocalisationPrecision
used by	element GeoLocalisationOnNetwork
annotation	documentation Geolocalisation that may be between two identified locations.
source	<pre><xs:element name="GeoLocalisation"> <xs:annotation> <xs:documentation>Geolocalisation that may be between two identified locations. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GNSS_DynamicPosition"/> <xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

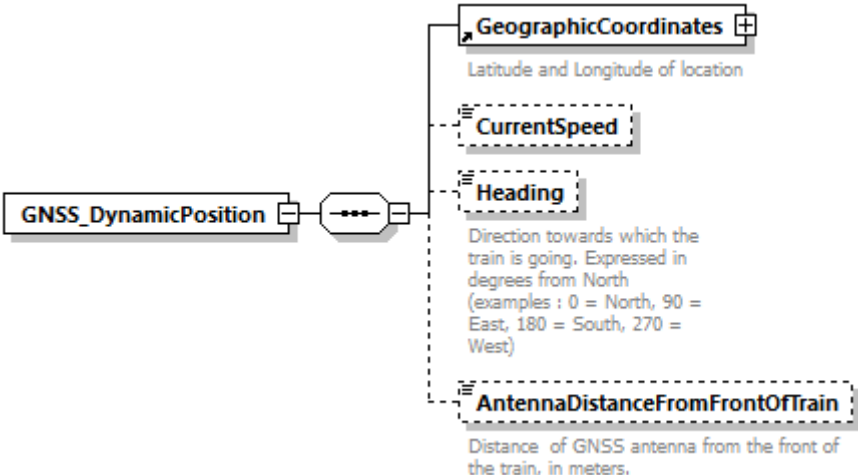
element **GeoLocalisation/LocalisationPrecision**

diagram	<p>LocalisationPrecision Precision of the position. Expressed in metres.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position. Expressed in metres.
source	<pre><xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeoLocalisationOnNetwork**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	GeoLocalisation NetworkProjectedLocation
used by	element TrainLocationReport
annotation	documentation Geolocalisation information crossed with network data.
source	<pre> <xs:element name="GeoLocalisationOnNetwork"> <xs:annotation> <xs:documentation>Geolocalisation information crossed with network data. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GeoLocalisation" minOccurs="0"/> <xs:element ref="NetworkProjectedLocation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GNSS_DynamicPosition**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex

children	GeographicCoordinates CurrentSpeed Heading AntennaDistanceFromFrontOfTrain
used by	element GeoLocalisation
source	<pre> <xs:element name="GNSS_DynamicPosition"> <xs:complexType> <xs:sequence> <xs:element ref="GeographicCoordinates"/> <xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/> <xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of GNSS antenna from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GNSS_DynamicPosition/CurrentSpeed**

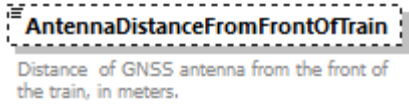
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	Speed
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
source	<pre><xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/></pre>

element **GNSS_DynamicPosition/Heading**

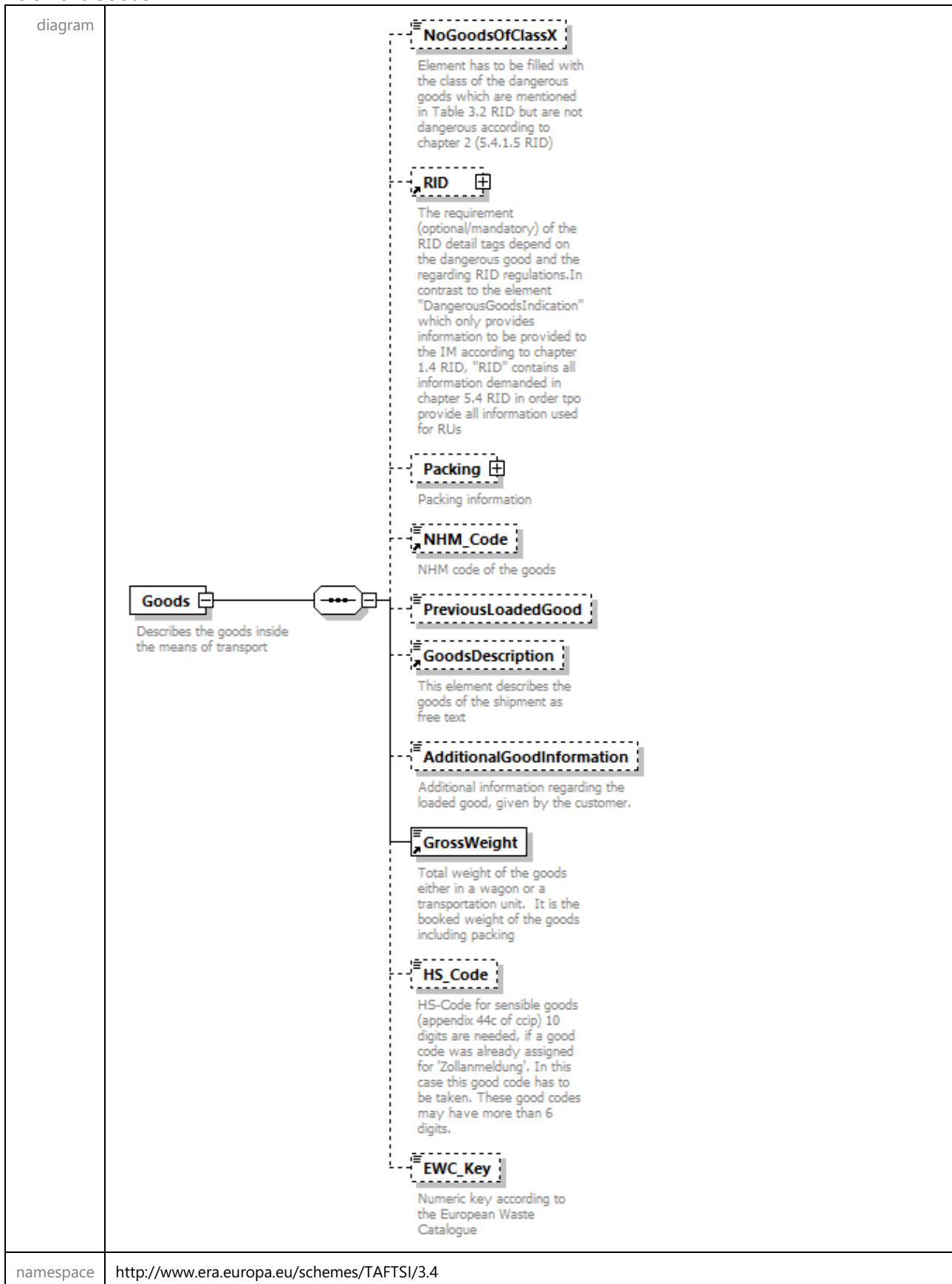
diagram	<p>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:integer

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
source	<pre><xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element></pre>

element **GNSS_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Distance of GNSS antenna from the front of the train, in meters.
source	<pre><xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of GNSS antenna from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Goods**



properties	content complex
children	NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key
used by	elements WIMO Dataset/ConsignmentLevelData ILU ITU RollingRoadUnit
annotation	documentation Describes the goods inside the means of transport
source	<pre> <xs:element name="Goods"> <xs:annotation> <xs:documentation>Describes the goods inside the means of transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RID" minOccurs="0"/> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommandation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

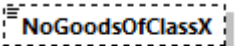
```

    </xs:simpleType>
  </xs:element>
  <xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
    <xs:annotation>
      <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code" minOccurs="0"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="6"/>
      <xs:maxLength value="10"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Numeric key according to the European Waste
Catalogue</xs:documentation>
    <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
  </xs:annotation>
  <xs:simpleType>

```

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Goods/NoGoodsOfClassX**

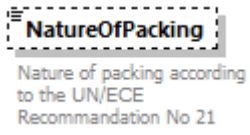
diagram	 <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	documentation Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)									
source	<pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Goods/Packing**

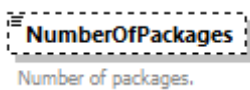
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>NatureOfPacking NumberOfPackages PackageIdentification</p>
<p>annotation</p>	<p>documentation Packing information</p>
<p>source</p>	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less </pre>

	<pre> than wagon load assignments.</xs:documentation> </xs:annotation> </xs:simpleType> </xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **Goods/Packing/NatureOfPacking**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21									
source	<pre> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Goods/Packing/NumberOfPackages**

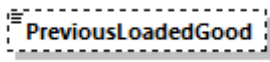
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Number of packages.
source	<pre><xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

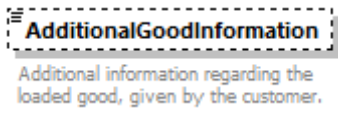
element **Goods/Packing/PackageIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 99 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.
source	<pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Goods/PreviousLoadedGood**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	NHMCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<code><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></code>

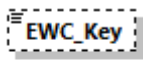
element **Goods/AdditionalGoodInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Goods/HS_Code**


diagram	 <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>6</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	6		maxLength	10		pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
minLength	6												
maxLength	10												
pattern	\d*[1-9]\d*												
annotation	documentation HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.												
source	<pre><xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Goods/EWC_Key**

diagram	 <p>Numeric key according to the European Waste Catalogue</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	6	
Kind	Value	Annotation								
minLength	2									
maxLength	6									

	pattern \d*
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC
source	<pre> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **GoodsDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	elements Goods Wagons/GoodsInWagon									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation This element describes the goods of the shipment as free text									
source	<pre> <xs:element name="GoodsDescription" type="FreeText"> <xs:annotation> <xs:documentation>This element describes the goods of the shipment as free text</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **GoodsInWagon**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>NHM Code GrossWeight ContainerNumber GoodsInContainer</p>
<p>used by</p>	<p>element WagonInformation</p>
<p>annotation</p>	<p>documentation Goods</p>
<p>source</p>	<pre><xs:element name="GoodsInWagon"> <xs:annotation> <xs:documentation>Goods</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code"/> <xs:element ref="GrossWeight" minOccurs="0"/> <xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **GoodsInWagon/ContainerNumber**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>EquipmentNumberType</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1</p>

	content simple
facets	Kind Value Annotation minLength 1 maxLength 13
source	<code><xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/></code>

element **GoodsInWagon/GoodsInContainer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 99 content complex
children	NHM Code GrossWeight
source	<pre> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **GrossWeight**

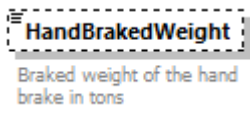
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	WeightValueKilo
properties	content simple
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including

	packing
source	<pre><xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing </xs:documentation> </xs:annotation> </xs:element></pre>

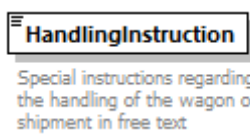
element **HandBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

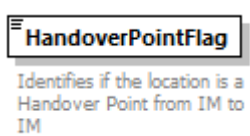
element **HandBrake/HandBrakedWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	documentation Braked weight of the hand brake in tons									
source	<pre><xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

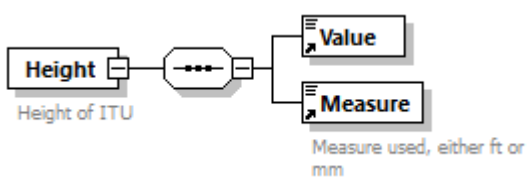
element **HandlingInstruction**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text									
source	<pre><xs:element name="HandlingInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>									


element **HandoverPointFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
used by	element LocationPrimaryInformation
annotation	documentation Identifies if the location is a Handover Point from IM to IM
source	<pre><xs:element name="HandoverPointFlag"> <xs:annotation> <xs:documentation>Identifies if the location is a Handover Point from IM to IM</xs:documentation> </xs:annotation> </xs:element></pre>

element **Height**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Height of ITU
source	<pre><xs:element name="Height"> <xs:annotation> <xs:documentation>Height of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **HighestPlannedSpeed**

diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction									
source	<pre><xs:element name="HighestPlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Identifiers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

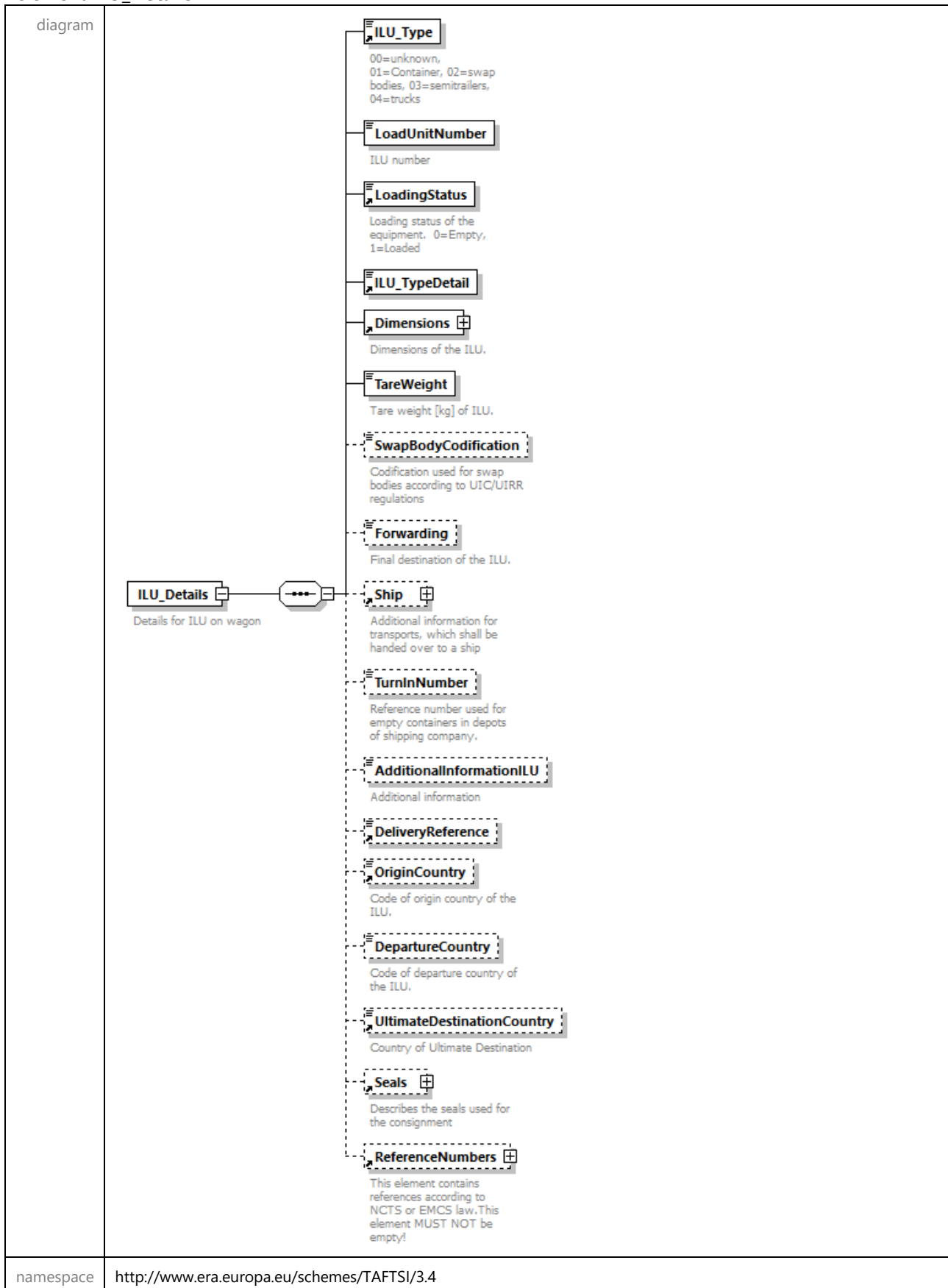
properties	content complex
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ReasonOfReference
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage
source	<pre> <xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="RelatedPlannedTransportIdentifiers"/> <xs:element ref="ReasonOfReference" minOccurs="0"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ILU**

diagram	<p>The diagram shows the structure of the ILU element. It consists of a main ILU class and an associated ILU_Details class. ILU_Details is a complex type containing three optional elements: LoadingTackles (0..99), Goods (0..99), and SummaryOFGoodsWithSameRID (0..25). Each of these elements is also shown as a separate class with its own description.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	ILU Details LoadingTackles Goods SummaryOFGoodsWithSameRID
used by	element Wagons/GoodsInWagon
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre> <xs:element name="ILU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> </pre>

```
<xs:sequence>
  <xs:element ref="ILU_Details">
    <xs:annotation>
      <xs:documentation>Details for Intermodal Transport Unit on
wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99">
    <xs:annotation>
      <xs:documentation>Describes the loading tackles used inside the
unit</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="Goods" minOccurs="0" maxOccurs="99"/>
  <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ILU_Details**



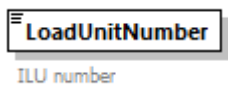
properties	content complex
children	ILU_Type LoadUnitNumber LoadingStatus ILU_TypeDetail Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber AdditionalInformationILU DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ILU
annotation	documentation Details for ILU on wagon
source	<pre> <xs:element name="ILU_Details"> <xs:annotation> <xs:documentation>Details for ILU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ILU_Type"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=trucks</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element ref="ILU_TypeDetail"/> <xs:element ref="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```


        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="Ship" minOccurs="0">
    <xs:annotation/>
  </xs:element>
  <xs:element name="TurnInNumber" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Reference number used for empty containers in
depots of shipping company.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="30"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="AdditionalInformationILU" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Additional information </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="350"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="DeliveryReference" minOccurs="0"/>
  <xs:element ref="OriginCountry" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Code of origin country of the
ILU.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="DepartureCountry" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Code of departure country of the
ILU.</xs:documentation>
    <xs:documentation>CODE: ISO-3166-2</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="UltimateDestinationCountry" minOccurs="0"/>
  <xs:element ref="Seals" minOccurs="0"/>
  <xs:element ref="ReferenceNumbers" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

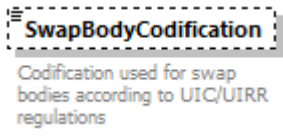
element **ILU_Details/LoadUnitNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	LoadUnitNumberType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Za-z0-9]{11}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation ILU number									
source	<pre><xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ILU_Details/TareWeight**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Tare weight [kg] of ILU.												
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ILU_Details/SwapBodyCodification**

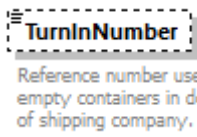
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 4
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:
source	<pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>


element **ILU_Details/Forwarding**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the ILU.
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details/TurnInNumber**

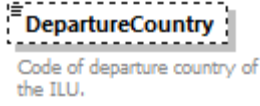
diagram	 <p>Reference number used for empty containers in depots of shipping company.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ILU_Details/AdditionalInformationILU**

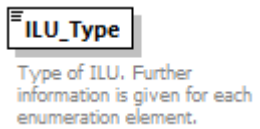
diagram	 <p>Additional information</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information
source	<pre><xs:element name="AdditionalInformationILU" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<pre></xs:simpleType> </xs:element></pre>
--	---

element **ILU_Details/DepartureCountry**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Code of departure country of the ILU. documentation CODE: ISO-3166-2
source	<pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the ILU.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre>

element **ILU_Type**


diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																		
type	TypeOfLoadUnitType																		
properties	content simple																		
used by	element ILU_Details																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation truck</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers	enumeration	04	documentation truck
Kind	Value	Annotation																	
enumeration	00	documentation unknown																	
enumeration	01	documentation Container																	
enumeration	02	documentation swap bodies																	
enumeration	03	documentation semitrailers																	
enumeration	04	documentation truck																	
annotation	documentation																		

	Type of ILU. Further information is given for each enumeration element.
source	<pre><xs:element name="ILU_Type" type="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>Type of ILU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element></pre>

element **IM_Partner**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	elements Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Infrastructure Manager												
source	<pre><xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ImpactedRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The RU impacted by a restriction												
source	<pre><xs:element name="ImpactedRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU impacted by a restriction</xs:documentation> </xs:annotation> </xs:element></pre>												

```
</xs:element>
```

element **IntermediateDestination**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of a train
source	<pre><xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element></pre>

element **InternalReferenceIdentifier**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation ReceiptConfirmationMessage TrainJourneyModificationMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation									

	The link to the IM System Reference
source	<pre><xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	elements InterruptionPoint/Interruption InterruptionInformation
annotation	documentation Date and Time when the Train was interrupted
source	<pre><xs:element name="InterruptionDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the Train was interrupted</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	FreeText
properties	content simple
used by	elements ChangeofTrackMessage ExceptionReason InterruptionPoint/Interruption InterruptionInformation
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation The free text description of an interruption
source	<pre><xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionInformation**

<p>diagram</p>	<p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p> <ul style="list-style-type: none"> InterruptionDescription: The free text description of an interruption InterruptionDateTime: Date and Time when the Train was interrupted InterruptionReason: This element identifies the reason for an interruption of the train running InternalReferenceIdentifier: The link to the IM System Reference
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier</p>
<p>used by</p>	<p>element PathNotAvailableMessage</p>
<p>annotation</p>	<p>documentation The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p>
<p>source</p>	<pre><xs:element name="InterruptionInformation"> <xs:annotation> <xs:documentation>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element ref="InterruptionDateTime" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

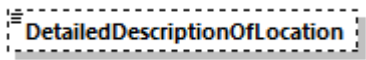
element **InterruptionPoint**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location DetailedDescriptionOfLocation Interruption BookedLocationDateTime ReferencedLocationDateTime InterruptionDuration Remarks</p>
<p>used by</p>	<p>element TrainRunningInterruptionMessage</p>
<p>annotation</p>	<p>documentation describes the interruption points with location and the reason for the interruption</p>
<p>source</p>	<pre><xs:element name="InterruptionPoint"> <xs:annotation> <xs:documentation>describes the interruption points with location and the reason for the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="BookedLocationDateTime" type="FreeText" minOccurs="0"/> <xs:element name="ReferencedLocationDateTime" type="FreeText" minOccurs="0"/> <xs:element name="InterruptionDuration" type="FreeText" minOccurs="0"/> <xs:element name="Remarks" type="FreeText" minOccurs="0" maxOccurs="∞"/> </xs:sequence> </xs:complexType> </xs:element></pre>


```

        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="BookedLocationDateTime" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Scheduled Date and Time of a train at a
specified location as defined in the path contract</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
<xs:element name="InterruptionDuration" minOccurs="0">
    <xs:annotation>
        <xs:documentation>To specify the probable duration of the
interruption</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="EarliestEndTime" type="xs:dateTime"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Forecasted earliest time for end of
interruption</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="LatestEndTime" type="xs:dateTime"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Forecasted latest time for end of
interruption</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>To provide any additional information to the RU
or next IM (e.g. contact person, next steps, etc)</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 255
source	<code><xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/></code>

element **InterruptionPoint/Interruption**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration**

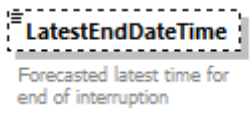
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1

	content complex
children	EarliestEndDateTime LatestEndDateTime
annotation	documentation To specify the probable duration of the interruption
source	<pre> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

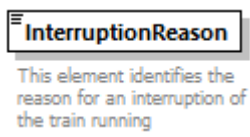
element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/LatestEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre><xs:element name="LatestEndTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionReason**

diagram																																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																							
type	DelayCode																																							
properties	content simple																																							
used by	elements ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation																																							
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation Staff</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>documentation Other causes related to the operational planning and management</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation Signalling installations</td> </tr> <tr> <td>enumeration</td> <td>21</td> <td>documentation Signalling installations at level crossings</td> </tr> <tr> <td>enumeration</td> <td>22</td> <td>documentation Telecommunication installations</td> </tr> <tr> <td>enumeration</td> <td>23</td> <td>documentation Power supply equipment</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>documentation Track</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation Wrong application of priority rules	enumeration	14		enumeration	18	documentation Staff	enumeration	19	documentation Other causes related to the operational planning and management	enumeration	20	documentation Signalling installations	enumeration	21	documentation Signalling installations at level crossings	enumeration	22	documentation Telecommunication installations	enumeration	23	documentation Power supply equipment	enumeration	24	documentation Track
Kind	Value	Annotation																																						
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enumeration	13	documentation Wrong application of priority rules																																						
enumeration	14																																							
enumeration	18	documentation Staff																																						
enumeration	19	documentation Other causes related to the operational planning and management																																						
enumeration	20	documentation Signalling installations																																						
enumeration	21	documentation Signalling installations at level crossings																																						
enumeration	22	documentation Telecommunication installations																																						
enumeration	23	documentation Power supply equipment																																						
enumeration	24	documentation Track																																						

enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering
enumeration	40	documentation Delay caused by next IM
enumeration	41	documentation Delay caused by previous IM
enumeration	50	documentation exceeding the stop time
enumeration	51	documentation Request of the RU
enumeration	52	documentation Loading operations
enumeration	53	documentation Loading irregularities
enumeration	54	documentation Commercial preparation of the train
enumeration	58	documentation Staff
enumeration	59	documentation Other causes related to commercial causes
enumeration	60	documentation Roster planning/re-rostering
enumeration	61	documentation Formation of trains by the RU
enumeration	62	documentation Problems affecting coaches
enumeration	63	documentation Problems affecting wagons
enumeration	64	documentation Problems affecting traction units
enumeration	68	documentation Staff
enumeration	69	documentation Other causes related to Rolling Stock
enumeration	70	documentation Delay caused by next RU
enumeration	71	documentation Delay caused by previous RU
enumeration	80	documentation Strike
enumeration	81	documentation Administrative formalites
enumeration	82	documentation Outside influence
enumeration	83	documentation Effects of weather and natural causes
enumeration	84	documentation Delay caused by external reasons on the next network
enumeration	89	documentation Other external causes
enumeration	90	documentation

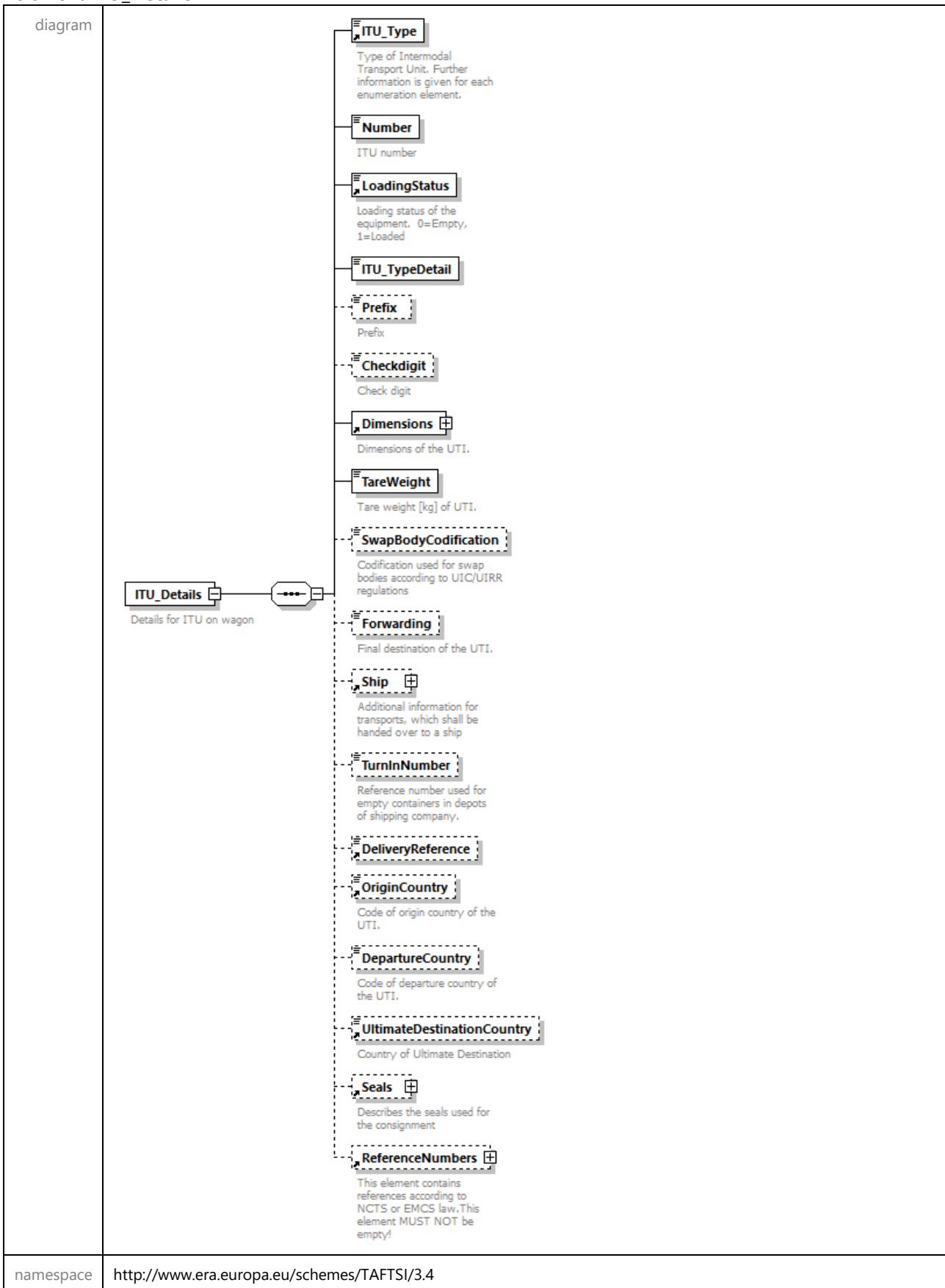
	enumeration 91	Dangerous incidents, accidents and hazards documentation
	enumeration 92	Track occupation caused by the lateness of the same train documentation
	enumeration 93	Track occupation caused by the lateness of another train documentation
	enumeration 94	Turn round documentation
	enumeration 95	Connection documentation
		Further investigation needed
annotation	documentation	This element identifies the reason for an interruption of the train running
source	<pre><xs:element name="InterruptionReason" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for an interruption of the train running</xs:documentation> </xs:annotation> </xs:element></pre>	

element **ITU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	ITU_Details Goods SummaryOFGoodsWithSameRID
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre><xs:element name="ITU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Details"> <xs:annotation> <xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation></pre>

```
    </xs:annotation>
  </xs:element>
  <xs:element ref="Goods" maxOccurs="99"/>
  <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **ITU_Details**



properties	content complex
children	ITU Type Number LoadingStatus ITU TypeDetail Prefix Checkdigit Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ITU
annotation	documentation Details for ITU on wagon
source	<pre> <xs:element name="ITU_Details"> <xs:annotation> <xs:documentation>Details for ITU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Type"> <xs:annotation> <xs:documentation>Type of Intermodal Transport Unit. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

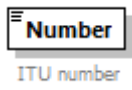
```

        <xs:minLength value="1"/>
        <xs:maxLength value="5"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Check digit</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:totalDigits value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Dimensions"/>
<xs:element name="TareWeight" type="WeightValueKilo">
    <xs:annotation>
        <xs:documentation>Tare weight [kg] of UTI.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="SwapBodyCodification" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Codification used for swap bodies according to
UIC/UIRR regulations </xs:documentation>
        <xs:documentation>CODE:</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="3"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Forwarding" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Final destination of the UTI.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="80"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
    <xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Reference number used for empty containers in
depots of shipping company.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="30"/>
            <xs:minLength value="1"/>
        </xs:restriction>

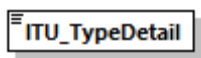
```

	<pre> </xs:simpleType> </xs:element> <xs:element ref="DeliveryReference" minOccurs="0"/> <xs:element ref="OriginCountry" minOccurs="0"/> <xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="UltimateDestinationCountry" minOccurs="0"/> <xs:element ref="Seals" minOccurs="0"/> <xs:element ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ITU_Details/Number**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of EquipmentNumberType									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation ITU number									
source	<pre> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> </pre>									

element **ITU_Details/ITU_TypeDetail**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:token						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BX</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BX	
Kind	Value	Annotation					
enumeration	BX						

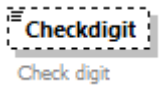
	<p>enumeration BK</p> <p>enumeration FL</p> <p>enumeration HT</p> <p>enumeration HC</p> <p>enumeration IN</p> <p>enumeration OT</p> <p>enumeration HH</p> <p>enumeration PW</p> <p>enumeration OS</p> <p>enumeration RF</p> <p>enumeration SD</p> <p>enumeration SL</p> <p>enumeration VE</p> <p>enumeration TC</p> <p>enumeration RH</p>
source	<pre> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ITU_Details/Prefix**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									

annotation	documentation Prefix
source	<pre><xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ITU_Details/Checkdigit**

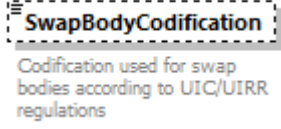
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<pre><xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check digit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ITU_Details/TareWeight**

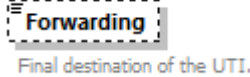
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	WeightValueKilo
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999

	whiteSpace collapse
annotation	documentation Tare weight [kg] of UTI.
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element></pre>

element ITU_Details/SwapBodyCodification

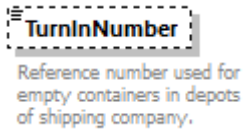
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 4
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:
source	<pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element ITU_Details/Forwarding

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>80</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	<p>documentation Final destination of the UTI.</p>									
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ITU_Details/TurnInNumber**

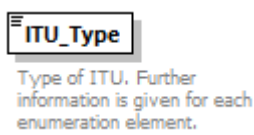
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	<p>documentation Reference number used for empty containers in depots of shipping company.</p>									
source	<pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ITU_Details/DepartureCountry**

diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Code of departure country of the UTI. documentation CODE: ISO-3166-2
source	<pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre>

element ITU_Type

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of EquipmentTypeType
properties	content simple
used by	element ITU Details
facets	Kind Value Annotation enumeration cn documentation Container enumeration sw documentation swap body enumeration te documentation Trailer (RollingRoad)
annotation	documentation Type of ITU. Further information is given for each enumeration element.
source	<pre><xs:element name="ITU_Type"> <xs:annotation> <xs:documentation>Type of ITU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentTypeType"/> </xs:simpleType> </xs:element></pre>

element **JourneySection**

<p>diagram</p>	<pre> classDiagram class JourneySection { JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection } JourneySection --> JourneySectionOrigin JourneySection --> JourneySectionDestination JourneySection --> ResponsibilityActualSection JourneySection --> ResponsibilityNextSection </pre>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection</p>
<p>used by</p>	<p>element TrainCompositionJourneySection</p>
<p>annotation</p>	<p>documentation Defines the data provided by the IM for a journey section</p>
<p>source</p>	<pre> <xs:element name="JourneySection"> <xs:annotation> <xs:documentation>Defines the data provided by the IM for a journey section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> <xs:element ref="JourneySectionDestination"/> <xs:element ref="ResponsibilityActualSection"/> <xs:element ref="ResponsibilityNextSection" minOccurs="0"> <xs:annotation> <xs:documentation>Only optional for the last section</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

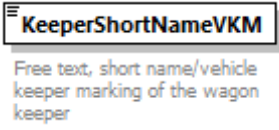
element **JourneySectionDestination**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation Destination of the section on which train composition is unchanged</p>
<p>source</p>	<pre><xs:element name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

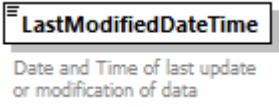
element **JourneySectionOrigin**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation Origin of the section on which train composition is unchanged</p>
<p>source</p>	<pre><xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

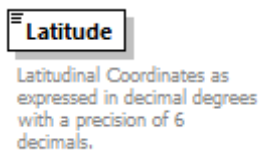
element **KeeperShortNameVKM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	content simple
used by	elements RollingStockDataset/AdministrativeDataSet RollingStockDatasetMessage/RefusedWagonNumbers
facets	Kind Value Annotation maxLength 10
annotation	documentation Free text, short name/vehicle keeper marking of the wagon keeper
source	<pre><xs:element name="KeeperShortNameVKM"> <xs:annotation> <xs:documentation>Free text, short name/vehicle keeper marking of the wagon keeper</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>


element **LastModifiedDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<pre><xs:element name="LastModifiedDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of last update or modification of data</xs:documentation> </xs:annotation> </xs:element></pre>

element **Latitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre><xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre>

element **LeadRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Lead Railway Undertaking												
source	<pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>												

element **Length**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Value Measure
used by	elements Dimensions TractionDetails complexType DimensionValue
annotation	documentation Length of ITU.
source	<pre><xs:element name="Length"> <xs:annotation> <xs:documentation>Length of ITU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LengthOfSetOfCarriages**

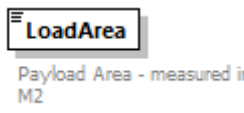
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric4-4									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.									
source	<pre><xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated and rounded up maximum length of all</pre>									

	wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.</xs:documentation> </xs:annotation> </xs:element>
--	---

element **LengthOverBuffers**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet WagonTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers is expressed in cm.									
source	<pre><xs:element name="LengthOverBuffers"> <xs:annotation> <xs:documentation>Length over buffers is expressed in cm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadArea**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Payload Area - measured in M2									

source	<pre><xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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element **LoadingCapacity**

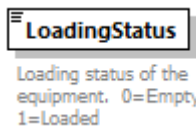
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Usable Cube - measured in M3									
source	<pre><xs:element name="LoadingCapacity"> <xs:annotation> <xs:documentation>Usable Cube - measured in M3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingFacility**

diagram	
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	CustomerNumber AdministrativeContactInformation
annotation	documentation Identifies the loading facility (in case of message type = ORU)
source	<pre> <xs:element name="LoadingFacility"> <xs:annotation> <xs:documentation>Identifies the loading facility (in case of message type = ORU)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"/> <xs:element ref="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LoadingStatus**

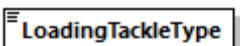
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	elements ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation Loading status of the equipment. 0=Empty, 1=Loaded									
source	<pre> <xs:element name="LoadingStatus"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **LoadingTackles**

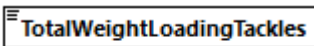
<p>diagram</p>	<pre> classDiagram class LoadingTackles { LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription } class LoadingTackleType { Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. } class Quantity { Amount of the loading tackles of the specified type. } class TotalWeightLoadingTackles { Total weight of the loading tackles (kg) of the specified type } class TypeDescription { Description of loading tackle, which is not included in the UN/EDIFACT 8053 list. } LoadingTackles --> LoadingTackleType LoadingTackles --> Quantity LoadingTackles --> TotalWeightLoadingTackles LoadingTackles --> TypeDescription </pre>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription</p>
<p>used by</p>	<p>elements ILU Wagons</p>
<p>annotation</p>	<p>documentation Describes the loading tackles used inside the wagon</p>
<p>source</p>	<pre> <xs:element name="LoadingTackles"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> <xs:element ref="Quantity"/> <xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **LoadingTackles/LoadingTackleType**


diagram	 <p>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	content simple
annotation	documentation Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.
source	<pre> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> </pre>

element **LoadingTackles/TotalWeightLoadingTackles**

diagram	 <p>Total weight of the loading tackles (kg) of the specified type</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	WeightValueKilo
properties	content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	<p>documentation</p> <p>Total weight of the loading tackles (kg) of the specified type</p>												
source	<pre><xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element></pre>												

element **LoadingTackles/TypeDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<p>documentation</p> <p>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</p>									
source	<pre><xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Location**

<p>diagram</p>	<p>The diagram shows a class Location with the description "Identifies a Location using a LocationIdent". It is connected to a complex type LocationIdent (indicated by a dashed yellow box). LocationIdent contains four elements: CountryCodeISO (described as "Identifies a County or State by code (ISO 3166-1)"), LocationPrimaryCode, PrimaryLocationName (described as "Location Name in an offication language of the Country using the ISO Unicode alphabet"), and LocationSubsidiaryIdentification (described as "Code, Name and allocation company of Subsidiary Location").</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>elements AffectedLocation ArrivalInterchangeReport ConsignementOrderMessage/COMS/COM/CustomsProcedures DepartureInterchangeReport ExceptionPoint InterruptionPoint LocationModified ProductionStation SpecialTreatments TrainForecastAtReportingLocationMessage TrainLocationReport WagonAtDeparture WagonEventInformation WagonPickupAtOrigin YardArrival YardDeparture</p>
<p>annotation</p>	<p>documentation Identifies a Location using a LocationIdent</p>
<p>source</p>	<pre><xs:element name="Location" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies a Location using a LocationIdent</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationActualTrack**

diagram	<p>The diagram shows a class LocationActualTrack connected to a class LocationIdent. LocationIdent is a complex type containing four elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationActualTrack" type="LocationIdent"/></code>

element **LocationDateTime**

diagram	<p>The diagram shows a class LocationDateTime with the description: Identifies the actual or forecasted Date / Time at a specific reporting point.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	elements AffectedLocation TrainAtLocation TrainLocationReport
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<pre><xs:element name="LocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationFileDatasetMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus CountryCodeISO LocationPrimaryCode LocationPrimaryInformation LocationSubsidiaryInformation</p>
<p>annotation</p>	<p>documentation Used to Create, Modify or Update the LocationIdent Reference File</p>
<p>source</p>	<pre><xs:element name="LocationFileDatasetMessage"> <xs:annotation> <xs:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:choice> <xs:element ref="LocationPrimaryInformation"/> <xs:element ref="LocationSubsidiaryInformation"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LocationModified**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime</p>
<p>used by</p>	<p>element TrainJourneyModification</p>
<p>annotation</p>	<p>documentation This element shows the Location that has been changed for the train run</p>
<p>source</p>	<pre><xs:element name="LocationModified"> <xs:annotation> <xs:documentation>This element shows the Location that has been changed for the train run </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ModificationStatusIndicator"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

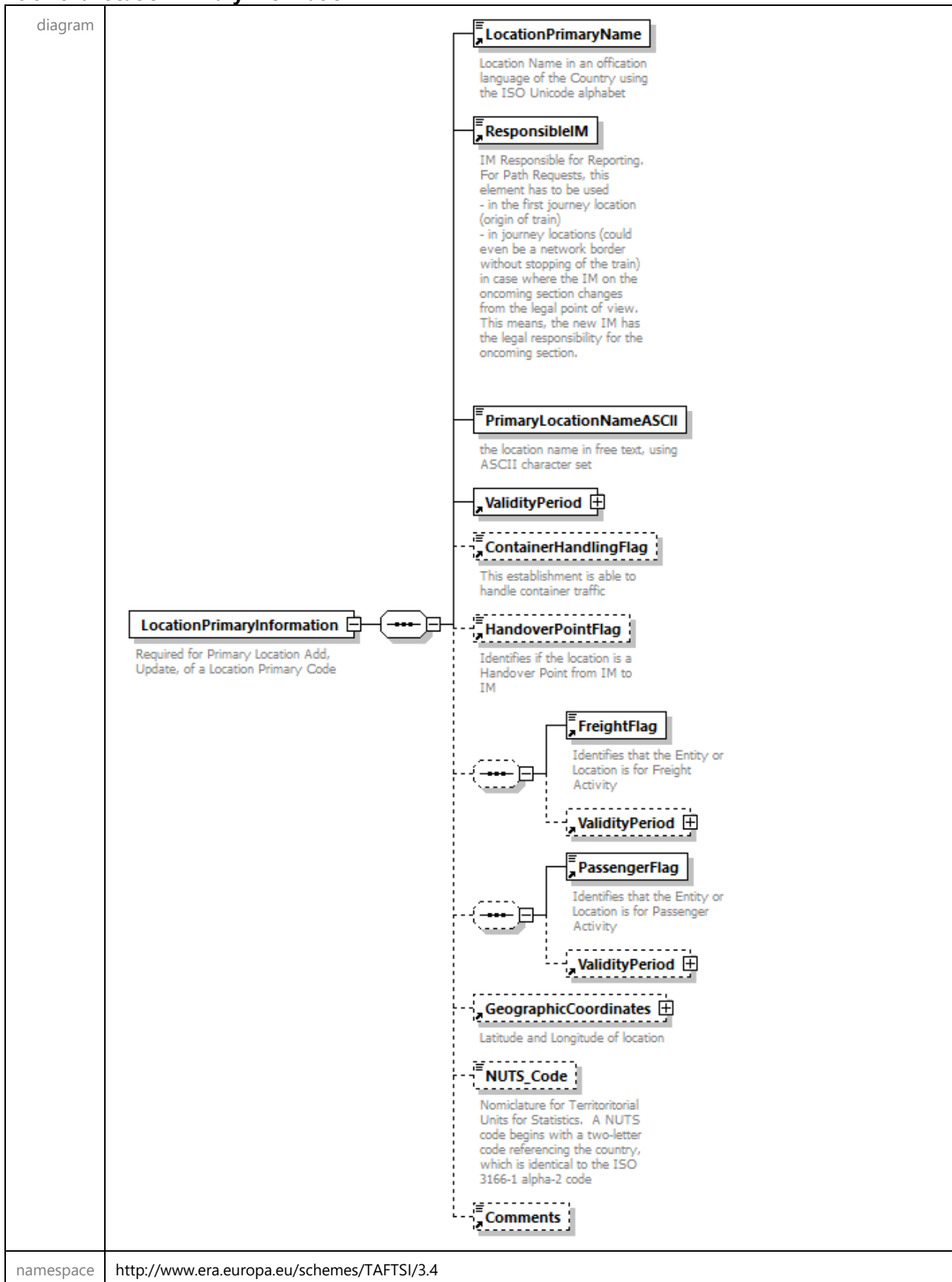
element **LocationPlannedTrack**

diagram	<p>The diagram illustrates the structure of the LocationPlannedTrack element. It is connected to a complex content container (represented by a circle with four dots). This container is linked to the LocationIdent complex type, which is highlighted in a yellow dashed box. LocationIdent contains four child elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationPlannedTrack" type="LocationIdent"/></code>

element **LocationPrimaryCode**

diagram	<p>The diagram shows the LocationPrimaryCode element as a simple content type.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric1-5									
properties	content simple									
used by	element LocationFileDatasetMessage complexType LocationIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
source	<code><xs:element name="LocationPrimaryCode" type="Numeric1-5"/></code>									


element **LocationPrimaryInformation**



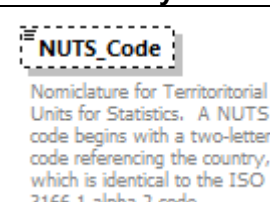
properties	content complex
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag PassengerFlag GeographicCoordinates NUTS Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code
source	<pre> <xs:element name="LocationPrimaryInformation"> <xs:annotation> <xs:documentation>Required for Primary Location Add, Update, of a Location Primary Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationPrimaryName"/> <xs:element ref="ResponsibleIM"/> <xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ValidityPeriod"/> <xs:element ref="ContainerHandlingFlag" minOccurs="0"/> <xs:element ref="HandoverPointFlag" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="FreightFlag"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:sequence minOccurs="0"> <xs:element ref="PassengerFlag"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:element ref="GeographicCoordinates" minOccurs="0"/> <xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Comments" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

	<code></xs:element></code>
--	----------------------------------

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

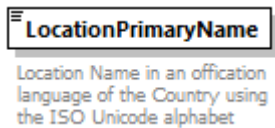
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation the location name in free text, using ASCII character set									
source	<pre><xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocationPrimaryInformation/NUTS_Code**

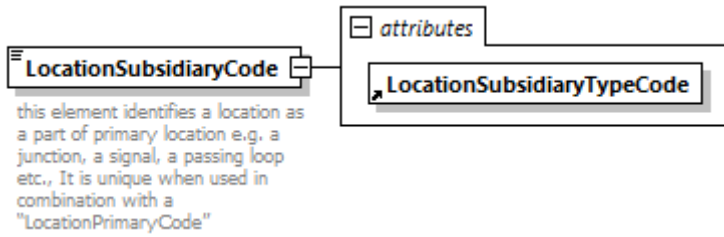
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>50</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	50	
Kind	Value	Annotation								
minLength	1									
maxLength	50									
annotation	documentation Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code									
source	<pre><xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation></pre>									

	<pre> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **LocationPrimaryName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre> <xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationSubsidiaryCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	extension of String1-10												
properties	content complex												
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10				
Kind	Value	Annotation											
minLength	1												
maxLength	10												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>LocationSubsidiaryTypeCode</td> <td>derived by: xs:token</td> <td>required</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	LocationSubsidiaryTypeCode	derived by: xs:token	required			
Name	Type	Use	Default	Fixed	Annotation								
LocationSubsidiaryTypeCode	derived by: xs:token	required											

annotation	documentation this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"
source	<pre><xs:element name="LocationSubsidiaryCode"> <xs:annotation> <xs:documentation>this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="String1-10"> <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>

element **LocationSubsidiaryIdentification**

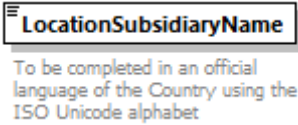
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName
used by	complexType LocationIdent
annotation	documentation Code, Name and allocation company of Subsidiary Location
source	<pre><xs:element name="LocationSubsidiaryIdentification"> <xs:annotation> <xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

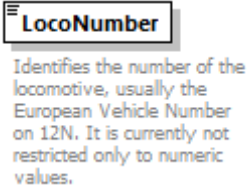
element **LocationSubsidiaryInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany ValidityPeriod Comments GeographicCoordinates
used by	element LocationFileDatasetMessage
annotation	documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)
source	<pre> <xs:element name="LocationSubsidiaryInformation"> <xs:annotation> <xs:documentation>Required for Add, Update of a Location Subsidiary Code (modified to global element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationSubsidiaryName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation To be completed in an official language of the Country using the ISO Unicode alphabet									
source	<pre><xs:element name="LocationSubsidiaryName" type="FreeText"> <xs:annotation> <xs:documentation>To be completed in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>									

element **LocoNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	element TrainCompositionJourneySection/LocIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	12	
Kind	Value	Annotation								
minLength	4									
maxLength	12									
annotation	documentation Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.									
source	<pre><xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>									


```

<xs:maxLength value="12"/>
<xs:minLength value="4"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **LocoTypeNumber**

<p>diagram</p>	<p>LocoTypeNumber Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> <ul style="list-style-type: none"> TypeCode1 Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756 TypeCode2 Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756 CountryCode Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756 SeriesNumber 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode SerialNumber Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country. ControlDigit 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit</p>
<p>used by</p>	<p>elements TrainCompositionJourneySection/Locoldent TractionDetails</p>
<p>annotation</p>	<p>documentation Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p>
<p>source</p>	<pre> <xs:element name="LocoTypeNumber"> <xs:annotation> <xs:documentation>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</xs:documentation> </xs:annotation> </xs:element> </pre>

```

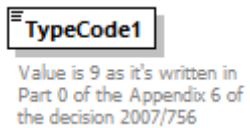
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="TypeCode1">
      <xs:annotation>
        <xs:documentation>Value is 9 as it's written in Part 0 of the
Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="1"/>
          <xs:pattern value="[9]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="TypeCode2">
      <xs:annotation>
        <xs:documentation>Type of tractive rolling stock as in Part 8 of
the Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <!--In PCS the following types are differentiated: Eletric, Diesel,
Steam, Hybrid:-->
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="1"/>
          <xs:pattern value="[0-9]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CountryCode">
      <xs:annotation>
        <xs:documentation>Numerical country code as in Part 4 of the
Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="2"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="2"/>
          <xs:pattern value="[0-9]{2}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SeriesNumber">
      <xs:annotation>
        <xs:documentation>4 digits representing the type according to the
country rules and based on the national vehicle register of the country
indicated with the CountryCode</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="4"/>
          <xs:whiteSpace value="replace"/>
          <xs:maxLength value="4"/>

```

```

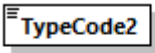
        <xs:pattern value="[0-9]{4}"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SerialNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Three digits representing the serial number of
the traction of the series. Optionally used in Planning to identify the
subseries. Composite identifier should be unique with the series number
within a country.</xs:documentation>
    </xs:annotation>
    <!--Not necessary for Planning. Composite identifier should be
unique with the series number inside one country:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="3"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="3"/>
            <xs:pattern value="[0-9]{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ControlDigit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>1 control digit as usual at the end of the 12
digit UIC identifier. Not used in Planning</xs:documentation>
    </xs:annotation>
    <!--Not necessary for Planning. Composite identifier should be
unique with the series number inside one country:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[0-9]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **LocoTypeNumber/TypeCode1**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 1 whiteSpace replace pattern [9]
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756
source	<pre> <xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

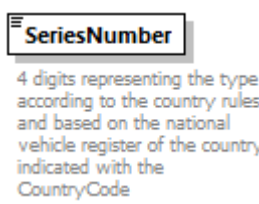
element **LocoTypeNumber/TypeCode2**

diagram	 <p>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>1</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[0-9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[0-9]															
annotation	documentation Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756															
source	<pre> <xs:element name="TypeCode2"> <xs:annotation> <xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **LocoTypeNumber/CountryCode**

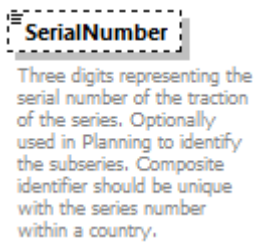
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{2}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		whiteSpace	replace		pattern	[0-9]{2}	
Kind	Value	Annotation														
minLength	2															
maxLength	2															
whiteSpace	replace															
pattern	[0-9]{2}															
annotation	documentation Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756															
source	<pre><xs:element name="CountryCode"> <xs:annotation> <xs:documentation>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **LocoTypeNumber/SeriesNumber**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		whiteSpace	replace		pattern	[0-9]{4}	
Kind	Value	Annotation														
minLength	4															
maxLength	4															
whiteSpace	replace															
pattern	[0-9]{4}															


annotation	documentation 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode
source	<pre><xs:element name="SeriesNumber"> <xs:annotation> <xs:documentation>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **LocoTypeNumber/SerialNumber**

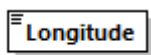
diagram	 <p>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>3</td> <td></td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{3}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	3		maxLength	3		whiteSpace	replace		pattern	[0-9]{3}	
Kind	Value	Annotation														
minLength	3															
maxLength	3															
whiteSpace	replace															
pattern	[0-9]{3}															
annotation	documentation Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.															
source	<pre><xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

	<pre> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **LocoTypeNumber/ControlDigit**

diagram	 <p>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>1</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[0-9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[0-9]															
annotation	documentation 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning															
source	<pre> <xs:element name="ControlDigit" minOccurs="0"> <xs:annotation> <xs:documentation>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **Longitude**

diagram	 <p>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre><xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre>

element **MaxAxleWeight**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0.1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99.9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0.1		maxInclusive	99.9	
Kind	Value	Annotation								
minInclusive	0.1									
maxInclusive	99.9									
annotation	documentation Indicates the maximum design axle weight (to).									
source	<pre><xs:element name="MaxAxleWeight"> <xs:annotation> <xs:documentation>Indicates the maximum design axle weight (to).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0.1"/> <xs:maxInclusive value="99.9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MaxDesignSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer

properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Maximum approved speed of the wagon (km/h)									
source	<pre><xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon (km/h)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element MaxGrossWeight

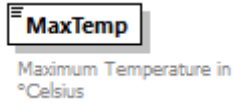
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
used by	element RollingStockDataset/DesignDataSet												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Weight of max Gross Load Weight plus the tare weight of the equipment												
source	<pre><xs:element name="MaxGrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of max Gross Load Weight plus the tare weight of the equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

element MaxLengthOfLoad


diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Measured in mm									
source	<pre><xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element **MaxTemp**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Maximum Temperature in °Celsius									
source	<pre><xs:element name="MaxTemp"> <xs:annotation> <xs:documentation>Maximum Temperature in °Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Measure**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	content simple									
used by	elements Height Length Width									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>ft</td> <td></td> </tr> <tr> <td>enumeration</td> <td>mm</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	ft		enumeration	mm	
Kind	Value	Annotation								
enumeration	ft									
enumeration	mm									
annotation	documentation Measure used, either ft or mm									
source	<pre> <xs:element name="Measure"> <xs:annotation> <xs:documentation>Measure used, either ft or mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ft"/> <xs:enumeration value="mm"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

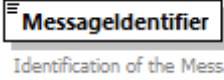
element **MessageDateTimeCreated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element MessageHeader
annotation	documentation Date and time when the message was created by the legacy system
source	<pre> <xs:element name="MessageDateTimeCreated" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and time when the message was created by the legacy system</xs:documentation> </xs:annotation> </xs:element> </pre>

element **MessageHeader**

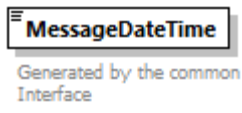
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageReference MessageRoutingID SenderReference Sender MessageDateTimeCreated Recipient</p>
<p>used by</p>	<p>elements AlertMessage ChangeofTrackMessage ConsignmentOrderMessage ErrorMessage LocationFileDatasetMessage PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage RollingStockDatasetMessage RollingStockDatasetQueryMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonDeviationMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonReleaseNoticeMessage WagonYardArrivalMessage WagonYardDepartureMessage</p>
<p>annotation</p>	<p>documentation Used for all messages</p>
<p>source</p>	<pre><xs:element name="MessageHeader"> <xs:annotation> <xs:documentation>Used for all messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element ref="MessageRoutingID" minOccurs="0"/> <xs:element ref="SenderReference" minOccurs="0"/> <xs:element ref="Sender"/> <xs:element ref="MessageDateTimeCreated" minOccurs="0"/> <xs:element ref="Recipient"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageIdentifier**

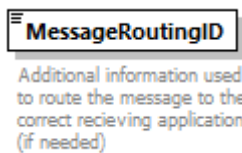
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	element MessageReference									
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identification of the Message									
source	<pre><xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element></pre>									

properties	content complex
children	MessageType MessageTypeVersion MessageIdentifier MessageDateTime
used by	elements ErrorMessage/ErrorCauseReference MessageHeader
annotation	documentation This element identifies the message
source	<pre> <xs:element name="MessageReference"> <xs:annotation> <xs:documentation>This element identifies the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageType"/> <xs:element ref="MessageTypeVersion"/> <xs:element ref="MessageIdentifier"/> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageReference/MessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </pre>

element **MessageRoutingID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	Numeric2-2									
properties	content simple									
used by	element MessageHeader									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Additional information used to route the message to the correct receiving application (if needed)									
source	<pre><xs:element name="MessageRoutingID" type="Numeric2-2"> <xs:annotation> <xs:documentation>Additional information used to route the message to the correct receiving application (if needed)</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageType**

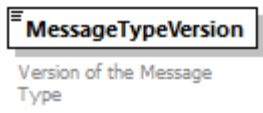
<p>diagram</p>	<div style="border: 1px solid black; padding: 5px;"> <p>MessageType</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage</p> <p>2002 PathConfirmedMessage</p> <p>2003 PathDetailsMessage</p> <p>2004 PathDetailsRefusedMessage</p> <p>2005 PathNotAvailableMessage</p> <p>2006 PathRequestMessage</p> <p>2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) --</p> <p>2500 PathCoordinationMessage</p> <p>2501 PathSectionNotificationMessage</p> <p>-- sector message end --</p> <p>3003 TrainCompositionMessage</p> <p>3006 TrainReadyMessage</p> <p>4001 TrainDelayCauseMessage</p> <p>4004 TrainRunningForecastMessage</p> <p>4005 TrainRunningInformationMessage</p> <p>4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) --</p> <p>4500 PassengerTrainCompositionProcessMessage</p> <p>4501 RollingStockRestrictionMessage</p> <p>4504 ChangeOfTrackMessage</p> <p>4505 TrainJourneyModificationMessage</p> <p>-- sector message end --</p> <p>5001 AlertMessage</p> <p>5002 WagonArrivalNoticeMessage</p> <p>5003 WagonDeliveryNoticeMessage</p> <p>5004 WagonDepartureNoticeMessage</p> <p>5006 WagonETI_ETI_Message</p> <p>5007 WagonExceptionMessage</p> <p>5008 WagonExceptionReasonMessage</p> <p>-- sector message (Wagon interchange) --</p> <p>5009 WagonInterchangeNoticeMessage</p> <p>5012 WagonReceivedAtInterchangeMessage</p> <p>5013 WagonRefusedAtInterchangeMessage</p> <p>-- sector message end --</p> <p>5014 WagonReleaseNoticeMessage</p> <p>5015 WagonYardArrivalMessage</p> <p>5016 WagonYardDepartureMessage</p> <p>6002 LocationFileDatasetMessage</p> <p>6003 RollingStockDatasetMessage</p> <p>--sector (RU-RU) --</p> <p>5500 WagonPerformanceMessage</p> <p>-- sector end--</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- sector (TrainID) begin --</p> <p>8500 UpdateLinkMessage</p> <p>8501 ObjectInfoMessage</p> <p>-- sector end --</p> <p>9000 ErrorMessage</p> <p>--Reserved: (IM-RU for SFERA) --</p> <p>SF00 to SF99 for SFERA messages (see IRS90940)</p> <p>-- Reserved end --</p> </div>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>

type	restriction of xs:string									
properties	content simple									
used by	element MessageReference									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	<p>documentation</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end --</p> <p>3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) -- 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end --</p> <p>5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage</p> <p>-- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end --</p> <p>5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage</p> <p>6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage</p> <p>--sector (RU-RU) ---</p>									

	<pre> 5500 WagonPerformanceMessage -- sector end--- 6004 RollingStockDatasetQueryMessage -- sector (TrainID) begin -- 8500 UdateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) - Reserved end - </pre>
source	<pre> <xs:element name="MessageType"> <xs:annotation> <xs:documentation>To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage -- sector message (Operations) -- 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end -- 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage </pre>

	<pre> -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage --sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end--- 6004 RollingStockDatasetQueryMessage -- sector (TrainID) begin -- 8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) - Reserved end - </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **MessageTypeVersion**

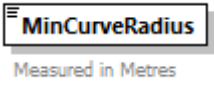
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
used by	element MessageReference						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	25	
Kind	Value	Annotation					
maxLength	25						

annotation	documentation Version of the Message Type
source	<pre><xs:element name="MessageTypeVersion"> <xs:annotation> <xs:documentation>Version of the Message Type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **MinBrakedWeightPercent**

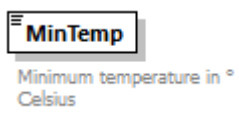
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking claimed by IM for safety reasons.									
source	<pre><xs:element name="MinBrakedWeightPercent"> <xs:annotation> <xs:documentation>Minimum percentage of braking claimed by IM for safety reasons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinCurveRadius**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer
properties	content simple

used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Measured in Metres									
source	<pre><xs:element name="MinCurveRadius"> <xs:annotation> <xs:documentation>Measured in Metres</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinTemp**

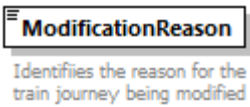
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>-99</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>0</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	-99		maxInclusive	0	
Kind	Value	Annotation								
minInclusive	-99									
maxInclusive	0									
annotation	documentation Minimum temperature in ° Celsius									
source	<pre><xs:element name="MinTemp"> <xs:annotation> <xs:documentation>Minimum temperature in ° Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99"/> <xs:maxInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MinVerticalRadiusYardHump**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.									
source	<pre><xs:element name="MinVerticalRadiusYardHump"> <xs:annotation> <xs:documentation>Minimum allowed vertical radius over yard humps. Measured in meters.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

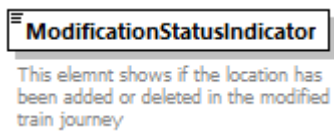
element **ModificationReason**

diagram																																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																	
type	DelayCode																																	
properties	content simple																																	
used by	element TrainJourneyModificationMessage																																	
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation Staff</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>documentation Other causes related to the operational planning and management</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation Signalling installations</td> </tr> <tr> <td>enumeration</td> <td>21</td> <td>documentation Signalling installations at level crossings</td> </tr> <tr> <td>enumeration</td> <td>22</td> <td>documentation Telecommunication installations</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures	enumeration	13	documentation Wrong application of priority rules	enumeration	14		enumeration	18	documentation Staff	enumeration	19	documentation Other causes related to the operational planning and management	enumeration	20	documentation Signalling installations	enumeration	21	documentation Signalling installations at level crossings	enumeration	22	documentation Telecommunication installations
Kind	Value	Annotation																																
enumeration	11	documentation Formation of trains if managed by infrastructure manager																																
enumeration	10	documentation Timetable compilation																																
enumeration	12	documentation Mistakes in operational procedures																																
enumeration	13	documentation Wrong application of priority rules																																
enumeration	14																																	
enumeration	18	documentation Staff																																
enumeration	19	documentation Other causes related to the operational planning and management																																
enumeration	20	documentation Signalling installations																																
enumeration	21	documentation Signalling installations at level crossings																																
enumeration	22	documentation Telecommunication installations																																


enumeration	23	documentation Power supply equipment
enumeration	24	documentation Track
enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering
enumeration	40	documentation Delay caused by next IM
enumeration	41	documentation Delay caused by previous IM
enumeration	50	documentation exceeding the stop time
enumeration	51	documentation Request of the RU
enumeration	52	documentation Loading operations
enumeration	53	documentation Loading irregularities
enumeration	54	documentation Commercial preparation of the train
enumeration	58	documentation Staff
enumeration	59	documentation Other causes related to commercial causes
enumeration	60	documentation Roster planning/re-rostering
enumeration	61	documentation Formation of trains by the RU
enumeration	62	documentation Problems affecting coaches
enumeration	63	documentation Problems affecting wagons
enumeration	64	documentation Problems affecting traction units
enumeration	68	documentation Staff
enumeration	69	documentation Other causes related to Rolling Stock
enumeration	70	documentation Delay caused by next RU
enumeration	71	documentation Delay caused by previous RU
enumeration	80	documentation Strike
enumeration	81	documentation Administrative formalites
enumeration	82	documentation Outside influence
enumeration	83	documentation Effects of weather and natural causes
enumeration	84	documentation

	enumeration 89	Delay caused by external reasons on the next network documentation Other external causes
	enumeration 90	documentation Dangerous incidents, accidents and hazards
	enumeration 91	documentation Track occupation caused by the lateness of the same train
	enumeration 92	documentation Track occupation caused by the lateness of another train
	enumeration 93	documentation Turn round
	enumeration 94	documentation Connection
	enumeration 95	documentation Further investigation needed
annotation	documentation	Identifies the reason for the train journey being modified
source	<pre><xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element></pre>	

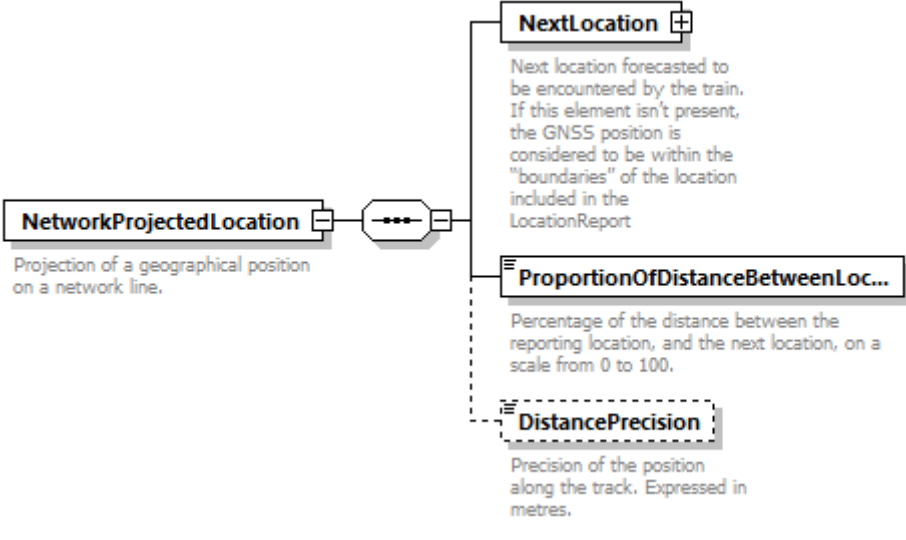
element **ModificationStatusIndicator**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4	
type	restriction of xs:integer	
properties	content	simple
used by	element	LocationModified
facets	Kind	Value Annotation
	minInclusive	1
	maxInclusive	99
annotation	documentation	This element shows if the location has been added or deleted in the modified train journey
source	<pre><xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This element shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

element **Name**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic Name in Free Text
source	<pre><xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkProjectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	NextLocation ProportionOfDistanceBetweenLocations DistancePrecision
used by	element GeoLocalisationOnNetwork
annotation	documentation Projection of a geographical position on a network line.
source	<pre><xs:element name="NetworkProjectedLocation"> <xs:annotation> <xs:documentation>Projection of a geographical position on a network line. </xs:documentation> </xs:annotation></pre>

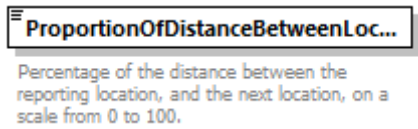
	<pre> <xs:complexType> <xs:sequence> <xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **NetworkProjectedLocation/NextLocation**

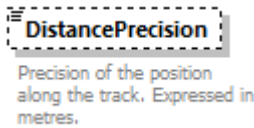
diagram	<p>The diagram shows a class NextLocation with a description: "Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the 'boundaries' of the location included in the LocationReport". This class is connected to a dashed box representing the LocationIdent complex type. Inside this box are four sub-elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport

source	<pre><xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Percentage									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.									
source	<pre><xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element></pre>									

element **NetworkProjectedLocation/DistancePrecision**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	xs:float						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
annotation	documentation Precision of the position along the track. Expressed in metres.						
source	<pre><xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation></pre>						

	<code></xs:element></code>
--	----------------------------------

element NetworkSpecificParameter

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Name Value
used by	elements AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation
annotation	documentation The usage of this element must be specified in national rules and has to be defined by each IM
source	<pre><xs:element name="NetworkSpecificParameter"> <xs:annotation> <xs:documentation>The usage of this element must be specified in national rules and has to be defined by each IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element NetworkSpecificParameter/Value

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	elements Height Length Width									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<code><xs:element name="Value" type="FreeText"/></code>									

element **NextIntermediateDestination**

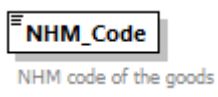
diagram	<p>The diagram shows a box for NextIntermediateDestination with the text "Identifies next stopping point on the route of a train". This box is connected to a sequence container (a circle with three dots) which is then connected to two boxes: IntermediateDestination (with text "A location on the route of a train") and DeliveryTimeAtInterchange (with text "The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU").</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Identifies next stopping point on the route of a train
source	<pre><xs:element name="NextIntermediateDestination"> <xs:annotation> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **NextResponsibleRU**


diagram	<p>The diagram shows a box for NextResponsibleRU with the text "The RU who is responsible for the train operation on the next journey section.".</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	element WIMO Dataset/ConsignmentLevelData												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The RU who is responsible for the train operation on the next journey section.												
source	<pre><xs:element name="NextResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU who is responsible for the train operation on</pre>												

	<pre> the next journey section.</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element NHM_Code

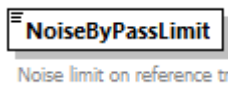
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	NHMCodeType									
properties	content simple									
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM code of the goods									
source	<pre> <xs:element name="NHM_Code" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element> </pre>									

element Noise

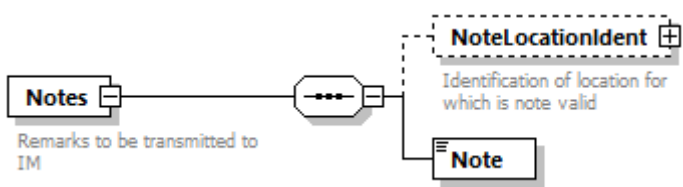
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise level at stand still in decibels									
source	<pre> <xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise level at stand still in decibels</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </pre>									

	<code></xs:element></code>
--	----------------------------------

element NoiseByPassLimit

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise limit on reference track									
source	<pre><xs:element name="NoiseByPassLimit"> <xs:annotation> <xs:documentation>Noise limit on reference track</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element Notes

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	NoteLocationIdent Note
used by	element TrainRunningData
annotation	documentation Remarks to be transmitted to IM
source	<pre><xs:element name="Notes"> <xs:annotation> <xs:documentation>Remarks to be transmitted to IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Note" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **Notes/NoteLocationIdent**

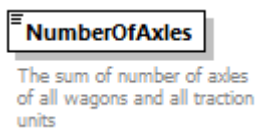
diagram	<p>The diagram shows a class NoteLocationIdent (dashed box) with the description "Identification of location for which is note valid". It is connected to a class LocationIdent (yellow box) which contains four elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Identification of location for which is note valid
source	<pre> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Notes/Note**

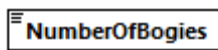
diagram	<p>The diagram shows a class Note (dashed box) representing a FreeText type.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	FreeText

properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<code><xs:element name="Note" type="FreeText"/></code>									

element **NumberOfAxles**

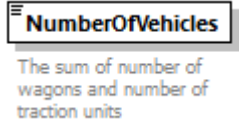
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0000</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of axles of all wagons and all traction units									
source	<pre><xs:element name="NumberOfAxles"> <xs:annotation> <xs:documentation>The sum of number of axles of all wagons and all traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NumberOfBogies**

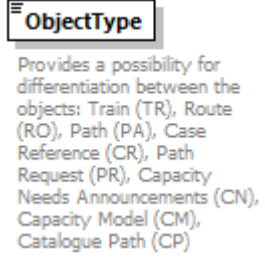
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9									
source	<code><xs:element name="NumberOfBogies"></code>									

	<pre> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **NumberOfVehicles**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0000</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of wagons and number of traction units									
source	<pre> <xs:element name="NumberOfVehicles"> <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									


element **ObjectType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string


properties	content simple																														
used by	complexType CompositIdentifierOperationalType CompositIdentifierPlannedType																														
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9A-Z]{2}</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TR</td> <td>documentation Train (TR)</td> </tr> <tr> <td>enumeration</td> <td>RO</td> <td>documentation Route (RO)</td> </tr> <tr> <td>enumeration</td> <td>PA</td> <td>documentation Path (PA)</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td>documentation Case Reference (CR)</td> </tr> <tr> <td>enumeration</td> <td>PR</td> <td>documentation Path Request (PR)</td> </tr> <tr> <td>enumeration</td> <td>CN</td> <td>documentation Capacity Needs Announcements (CN)</td> </tr> <tr> <td>enumeration</td> <td>CM</td> <td>documentation Capacity Model (CM)</td> </tr> <tr> <td>enumeration</td> <td>CP</td> <td>documentation Catalogue Path (CP)</td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9A-Z]{2}		enumeration	TR	documentation Train (TR)	enumeration	RO	documentation Route (RO)	enumeration	PA	documentation Path (PA)	enumeration	CR	documentation Case Reference (CR)	enumeration	PR	documentation Path Request (PR)	enumeration	CN	documentation Capacity Needs Announcements (CN)	enumeration	CM	documentation Capacity Model (CM)	enumeration	CP	documentation Catalogue Path (CP)
Kind	Value	Annotation																													
pattern	[0-9A-Z]{2}																														
enumeration	TR	documentation Train (TR)																													
enumeration	RO	documentation Route (RO)																													
enumeration	PA	documentation Path (PA)																													
enumeration	CR	documentation Case Reference (CR)																													
enumeration	PR	documentation Path Request (PR)																													
enumeration	CN	documentation Capacity Needs Announcements (CN)																													
enumeration	CM	documentation Capacity Model (CM)																													
enumeration	CP	documentation Catalogue Path (CP)																													
annotation	documentation Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)																														
source	<pre> <xs:element name="ObjectType"> <xs:annotation> <xs:documentation>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9A-Z]{2}"/> <xs:enumeration value="TR"> <xs:annotation> <xs:documentation>Train (TR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="RO"> <xs:annotation> <xs:documentation>Route (RO)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PA"> <xs:annotation> <xs:documentation>Path (PA)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CR"> <xs:annotation> <xs:documentation>Case Reference (CR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PR"> <xs:annotation> <xs:documentation>Path Request (PR)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>																														

	<pre> <xs:enumeration value="CN"> <xs:annotation> <xs:documentation>Capacity Needs Announcements (CN)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CM"> <xs:annotation> <xs:documentation>Capacity Model (CM)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CP"> <xs:annotation> <xs:documentation>Catalogue Path (CP)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **Offset**

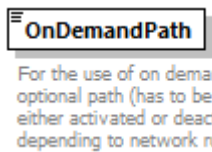
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing
source	<code><xs:element name="Offset" type="xs:integer"/></code>

element **OffsetToReference**

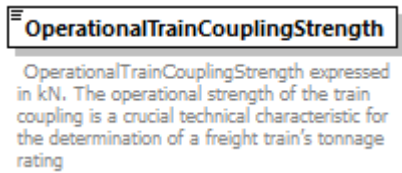
diagram	 <p>The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:integer
properties	content simple

used by	element PlannedCalendar
annotation	documentation The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.>
source	<pre><xs:element name="OffsetToReference" type="xs:integer"> <xs:annotation> <xs:documentation> The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></xs:documentation> </xs:annotation> </xs:element></pre>

element **OnDemandPath**

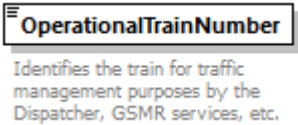
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element PlannedJourneyLocation
annotation	documentation For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)
source	<pre><xs:element name="OnDemandPath" type="xs:boolean"> <xs:annotation> <xs:documentation>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</xs:documentation> </xs:annotation> </xs:element></pre>

element **OperationalTrainCouplingStrength**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer
properties	content simple

used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating									
source	<pre><xs:element name="OperationalTrainCouplingStrength"> <xs:annotation> <xs:documentation> OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **OperationalTrainNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	String1-8									
properties	content simple									
used by	elements OperationalTrainNumberIdentifier PlannedJourneyLocation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.									
source	<pre><xs:element name="OperationalTrainNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **OperationalTrainNumberIdentifier**


diagram	<p>OperationalTrainNumber Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p> <p>ScheduledTimeAtHandover The referenced date and time of departure or entrance at the border between two different IMs</p> <p>ScheduledDateTimeAtTransfer The referenced date and time of arrival or exit at the border between two different IMs</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements AffectedLocation AffectedSection ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre><xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **OriginCountry**

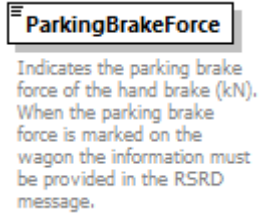
diagram	<p>OriginCountry Code of origin country of the UTI.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of CountryIdentISO												
properties	content simple												
used by	elements ILU Details ITU Details Wagons/WagonDetails												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Z][A-Z]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[A-Z][A-Z]	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[A-Z][A-Z]												
annotation	documentation Code of origin country of the UTI. documentation CODE: ISO-3166-2												
source	<pre><xs:element name="OriginCountry"></pre>												

	<pre> <xs:annotation> <xs:documentation>Code of origin country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CountryIdentISO"> <xs:pattern value="[A-Z][A-Z]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **OverhaulValidityPeriod**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxExclusive</td> <td>20</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxExclusive	20	
Kind	Value	Annotation								
minInclusive	1									
maxExclusive	20									
annotation	documentation Validity period of last overhaul in years as marked on the wagon									
source	<pre> <xs:element name="OverhaulValidityPeriod"> <xs:annotation> <xs:documentation>Validity period of last overhaul in years as marked on the wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxExclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **ParkingBrakeForce**

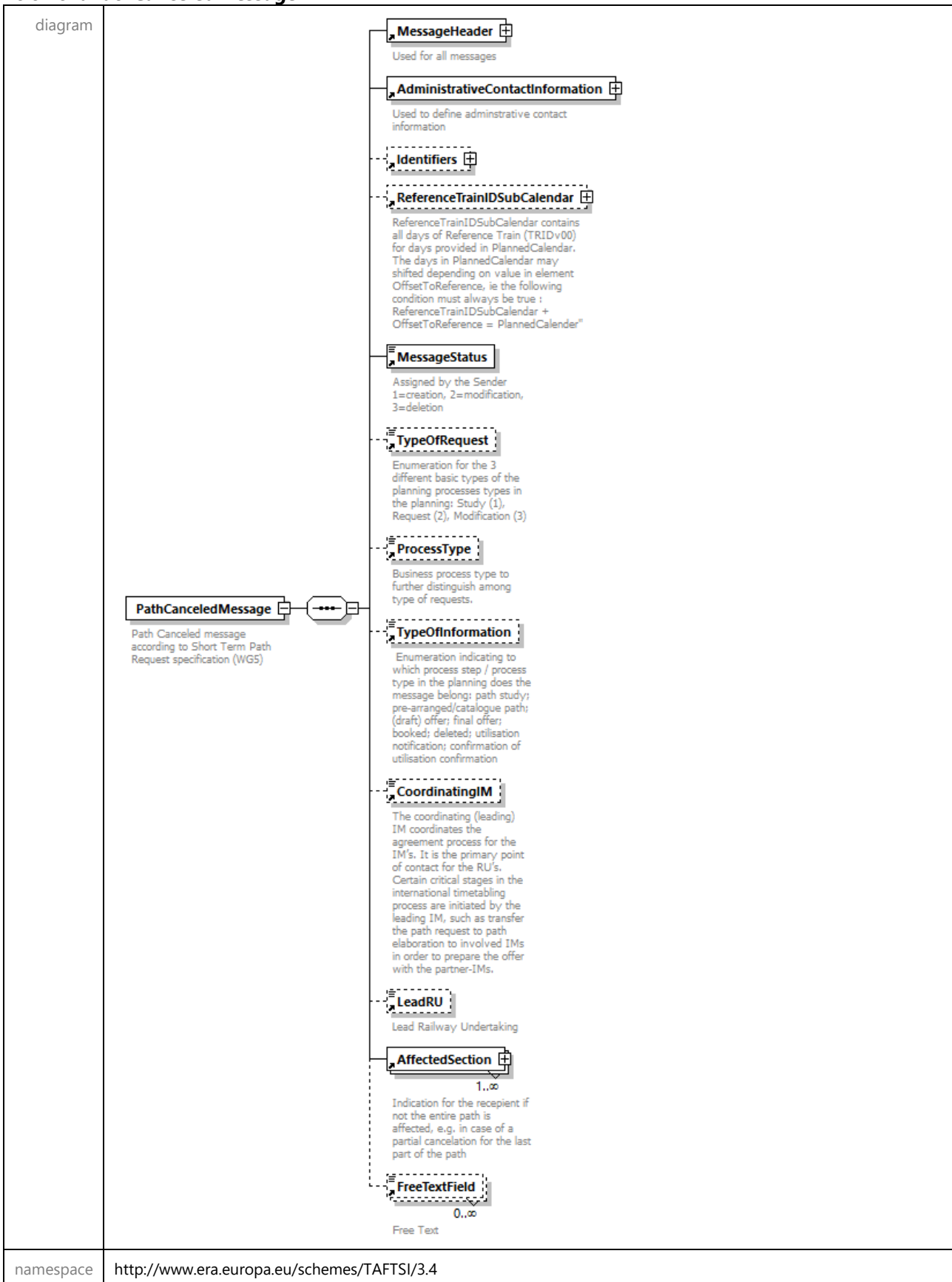
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	restriction of xs:decimal									
properties	content simple									
used by	elements HandBrake WagonTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.									
source	<pre><xs:element name="ParkingBrakeForce"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PassengerFlag**

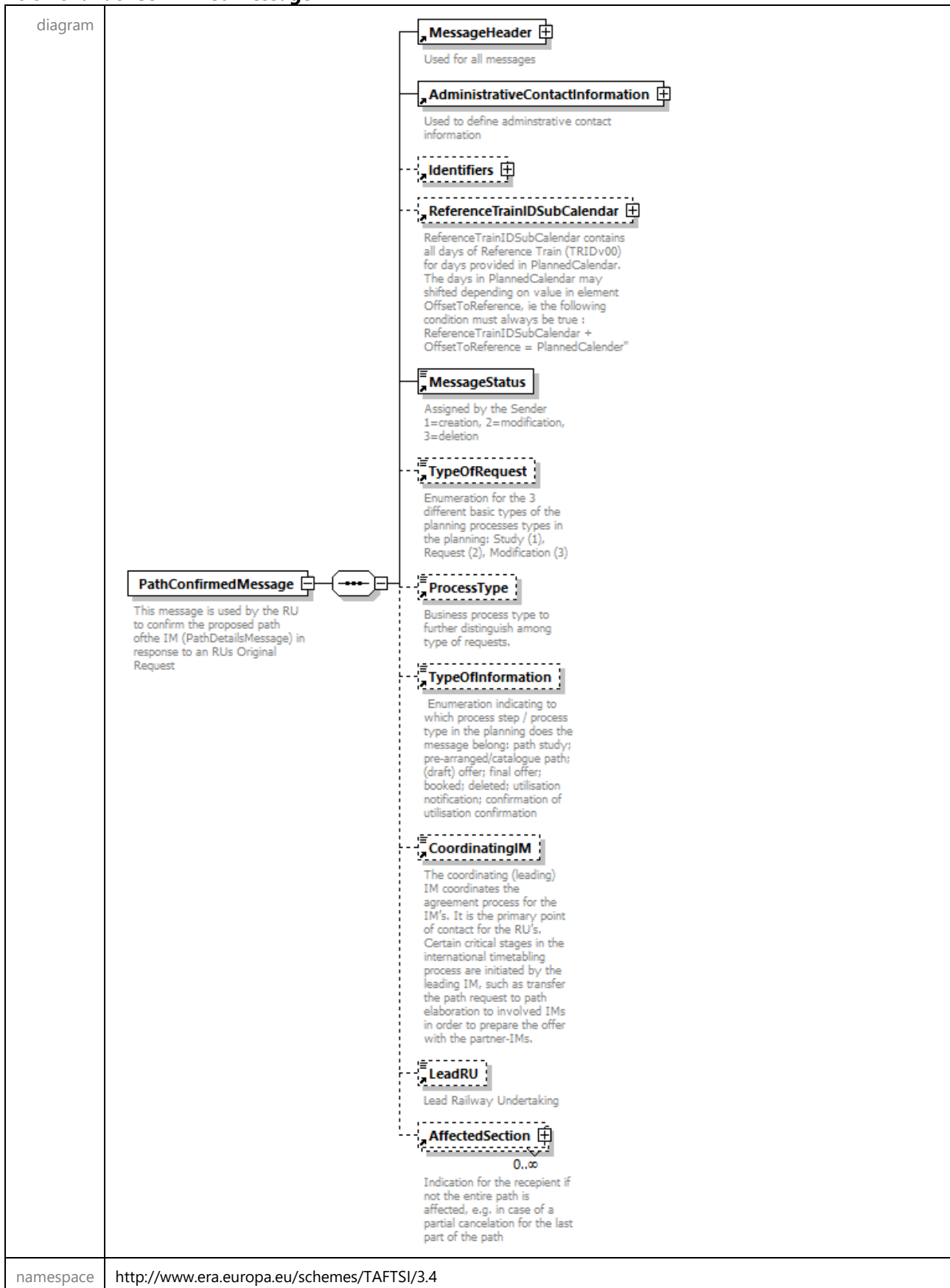
diagram	 <p>Identifies that the Entity or Location is for Passenger Activity</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre><xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **PathCanceledMessage**



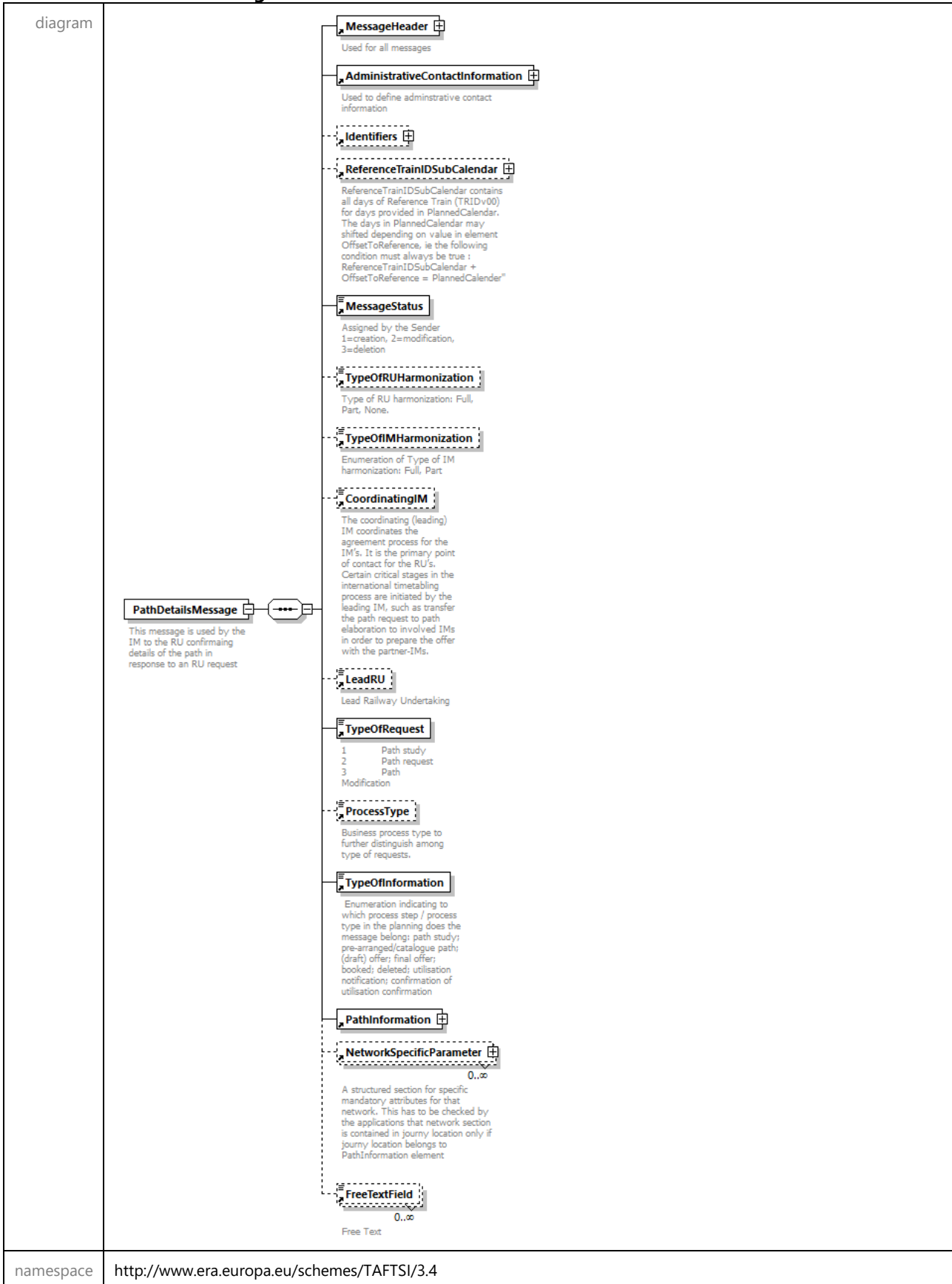
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathCanceledMessage"> <xs:annotation> <xs:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathConfirmedMessage**



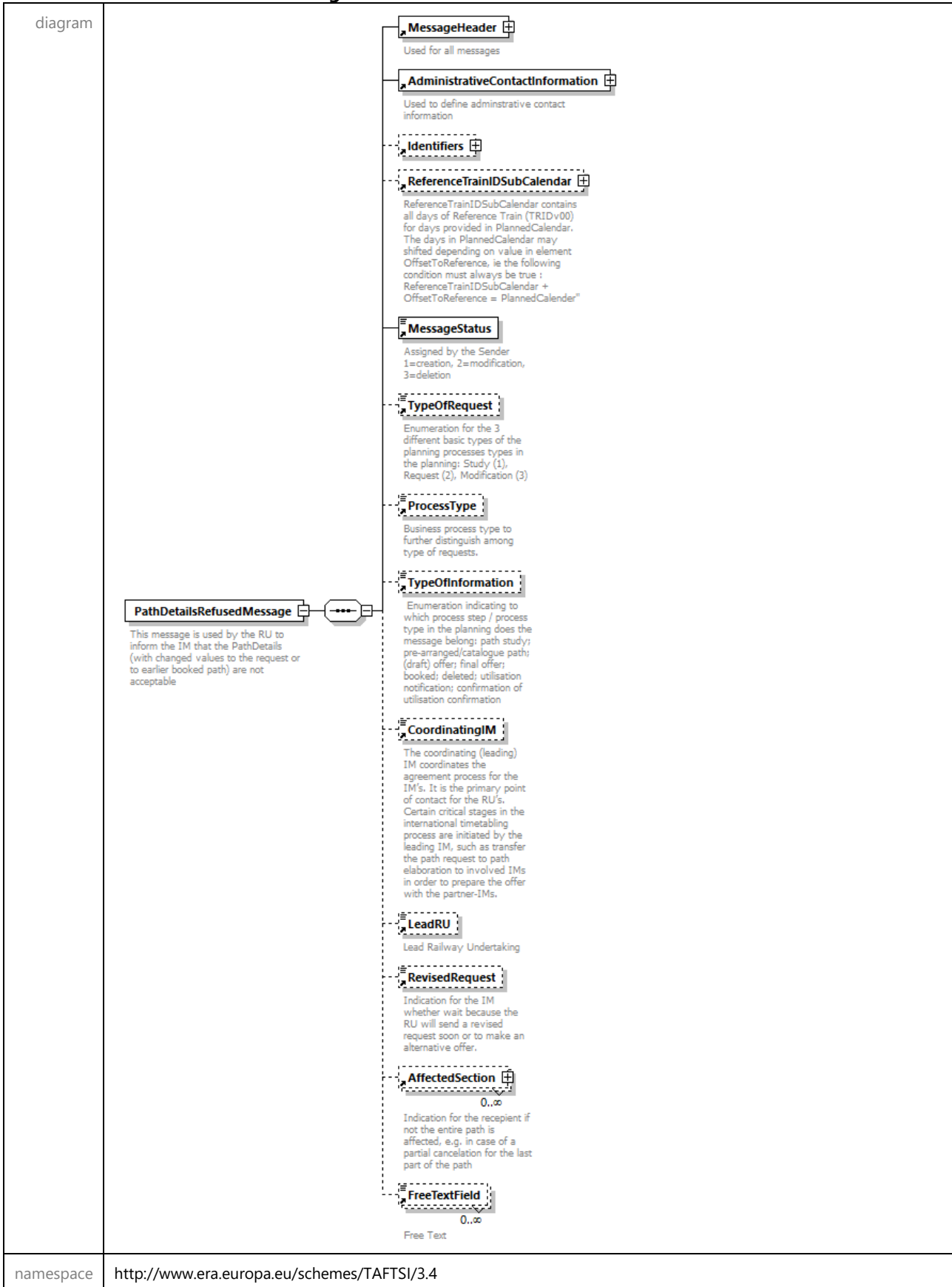
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	documentation This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request
source	<pre> <xs:element name="PathConfirmedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathDetailsMessage**



properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request
source	<pre> <xs:element name="PathDetailsMessage"> <xs:annotation> <xs:documentation>This message is used by the IM to the RU confirmaing details of the path in response to an RU request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="PathInformation"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathDetailsRefusedMessage**



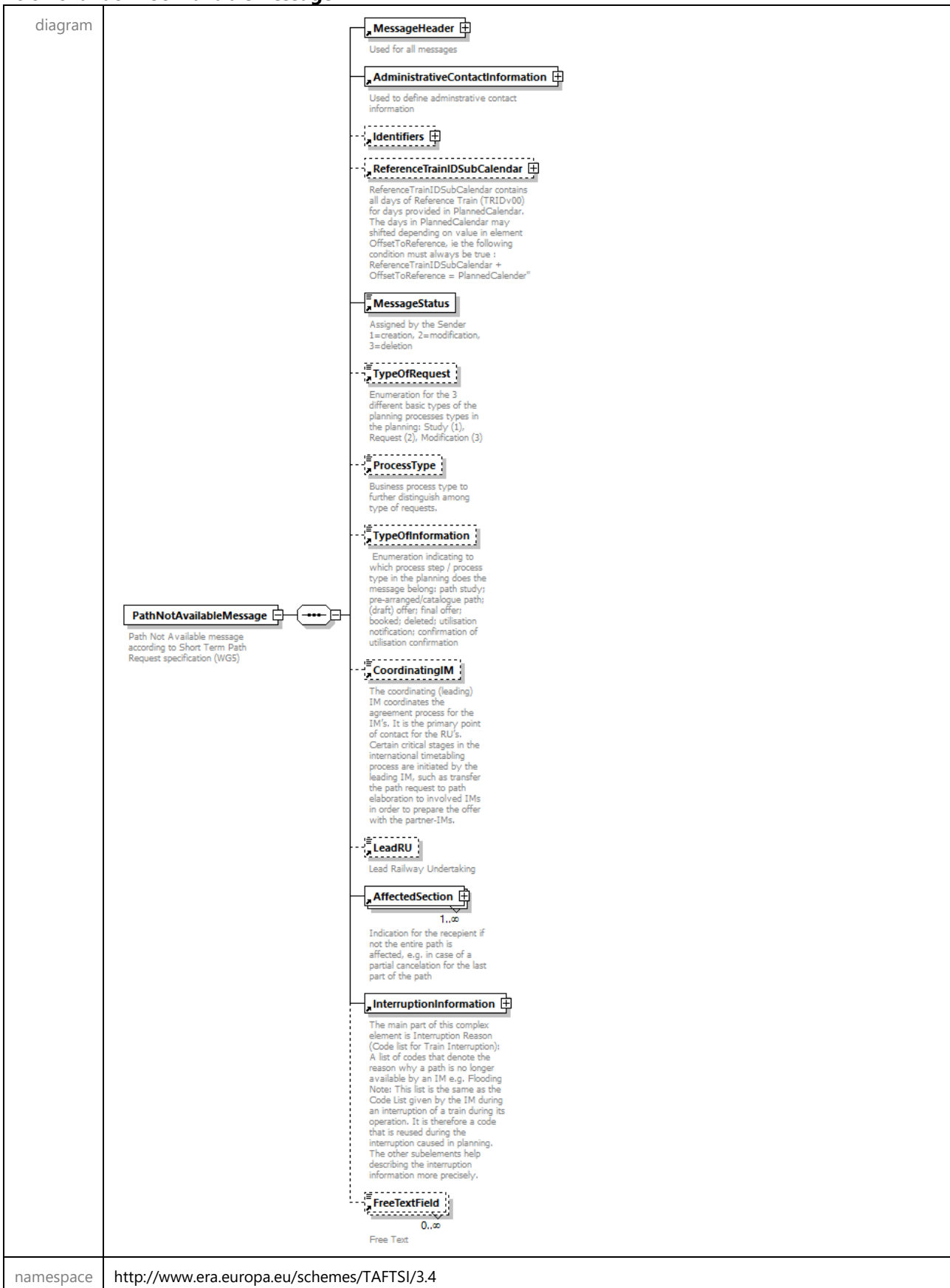
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField
annotation	documentation This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable
source	<pre> <xs:element name="PathDetailsRefusedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="RevisedRequest" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PathInformation**

diagram	<pre> classDiagram class PathInformation class PlannedCalendar class PlannedJourneyLocation class RequestedCalendar PathInformation "1" *-- "2..∞" PlannedCalendar PlannedCalendar "1" *-- "1" RequestedCalendar PlannedCalendar "1" *-- "2..∞" PlannedJourneyLocation </pre> <p>PlannedJourneyLocation: 2..∞. Any operation point along the train journey or path</p> <p>PlannedCalendar: This is the calendar item for path request/path details messages - used in planning phase</p> <p>RequestedCalendar: subset of the requested calendar</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar

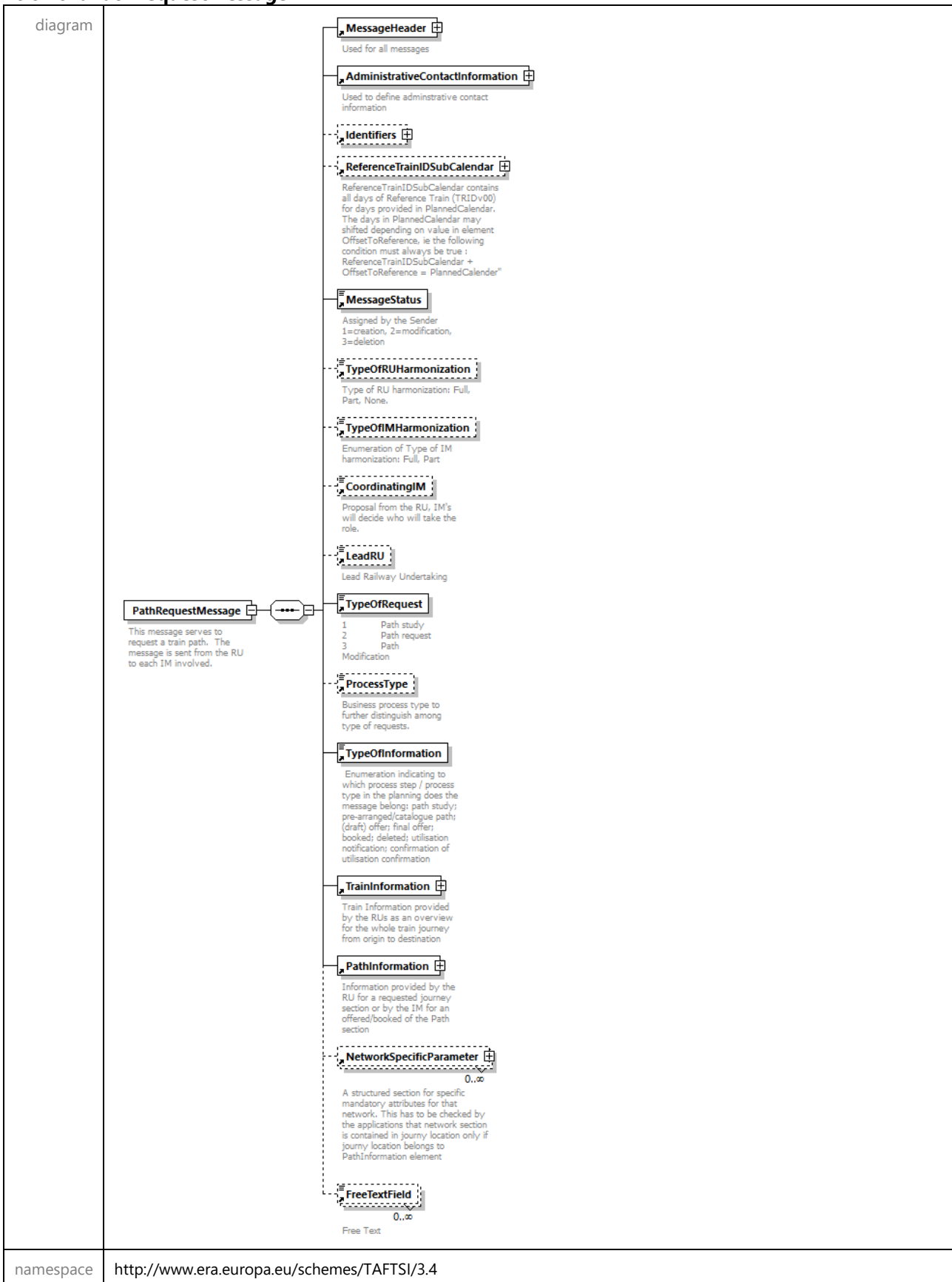
used by	elements PathDetailsMessage PathRequestMessage
source	<pre><xs:element name="PathInformation"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="RequestedCalendar" minOccurs="0"> <xs:annotation> <xs:documentation>subset of the requested calendar</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PathNotAvailableMessage**



properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection InterruptionInformation FreeTextField
annotation	documentation Path Not Available message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathNotAvailableMessage"> <xs:annotation> <xs:documentation>Path Not Available message according to Short Term Path Request specification (WG5) </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="InterruptionInformation"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

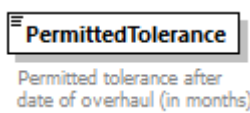
element **PathRequestMessage**



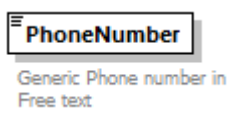
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message serves to request a train path. The message is sent from the RU to each IM involved.
source	<pre> <xs:element name="PathRequestMessage"> <xs:annotation> <xs:documentation>This message serves to request a train path. The message is sent from the RU to each IM involved.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"> <xs:annotation> <xs:documentation>Proposal from the RU, IM's will decide who will take the role.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="TrainInformation"> <xs:annotation> <xs:documentation>Train Information provided by the RUs as an overview for the whole train journey from origin to destination</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PathInformation"> <xs:annotation> <xs:documentation>Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that </pre>

	<p>network section is contained in journey location only if journey location belongs to PathInformation element</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **PermittedTolerance**

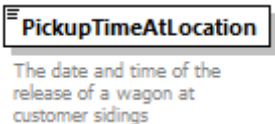
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	<p>documentation</p> <p>Permitted tolerance after date of overhaul (in months)</p>									
source	<pre> <xs:element name="PermittedTolerance"> <xs:annotation> <xs:documentation>Permitted tolerance after date of overhaul (in months)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **PhoneNumber**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	CommunicationRefID						
properties	content simple						
used by	element AdministrativeContactInformation						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation			
Kind	Value	Annotation					

	minLength 1 maxLength 70
annotation	documentation Generic Phone number in Free text
source	<code><xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Phone number in Free text</xs:documentation> </xs:annotation> </xs:element></code>

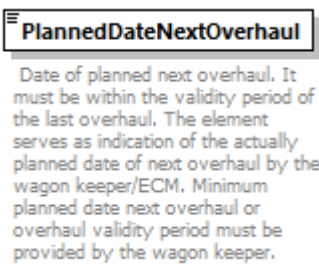
element **PickupTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<code><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></code>

element **PlannedCalendar**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>BitmapDays ValidityPeriod OffsetToReference</p>
<p>used by</p>	<p>elements AffectedSection PathInformation TrainInformation</p>
<p>annotation</p>	<p>documentation This is the calendar item for path request/path details messages - used in planning phase</p>
<p>source</p>	<pre><xs:element name="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the calendar item for path request/path details messages - used in planning phase</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="OffsetToReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PlannedDateNextOverhaul**

diagram	 <p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.
source	<pre><xs:element name="PlannedDateNextOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper. </xs:documentation> </xs:annotation> </xs:element></pre>

type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter JourneyLocationTypeCode
used by	elements PathInformation TrainInformation
annotation	documentation Any operation point along the train journey or path
source	<pre> <xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey or path</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="1"> <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="ResponsibleApplicant" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="ResponsibleIM" minOccurs="0"/> <xs:element ref="PlannedTrainData" minOccurs="0"/> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TrainActivity" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OnDemandPath" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

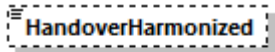
	<pre> <xs:element ref="PreArrangedPath" minOccurs="0"/> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="JourneyLocationTypeCode" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--

element **PlannedJourneyLocation/StatusOfHarmonization**


diagram	<p>StatusOfHarmonization Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p> <p>HandoverHarmonized IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p> <p>InterchangeHarmonized RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	HandoverHarmonized InterchangeHarmonized
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.
source	<pre> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

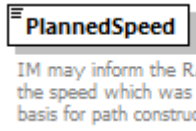
diagram	 <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.
source	<pre> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

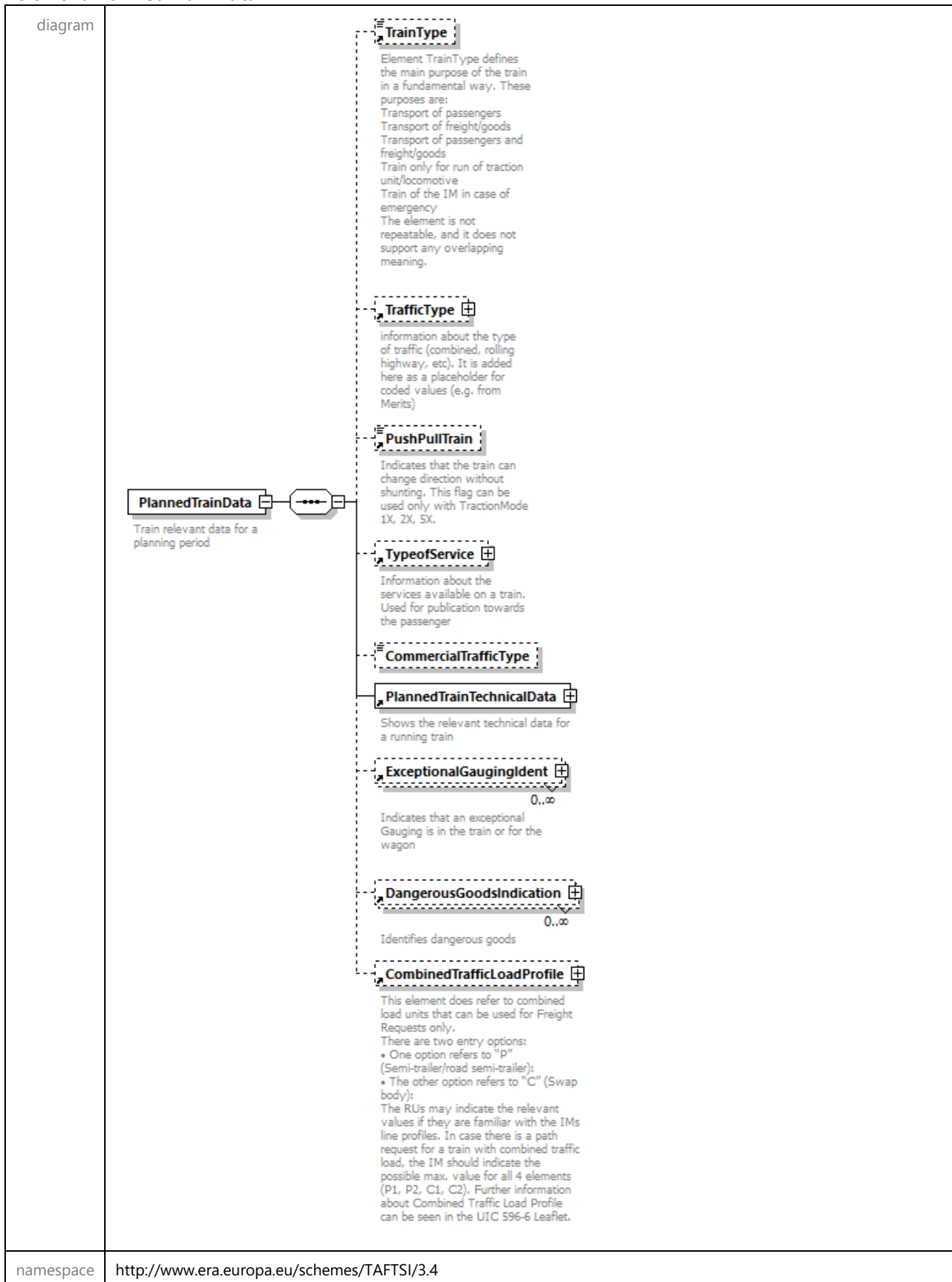
diagram	 <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<pre> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </pre>

	<code></xs:element></code>
--	----------------------------------

element **PlannedSpeed**

diagram	 <p>IM may inform the RA on the speed which was the basis for path construction</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation IM may inform the RA on the speed which was the basis for path construction									
source	<pre> <xs:element name="PlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **PlannedTrainData**



properties	content complex
children	TrainType TrafficType PushPullTrain TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication CombinedTrafficLoadProfile
used by	element PlannedJourneyLocation
annotation	documentation Train relevant data for a planning period
source	<pre> <xs:element name="PlannedTrainData"> <xs:annotation> <xs:documentation>Train relevant data for a planning period</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="TypeofService" minOccurs="0"/> <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/> <xs:element ref="PlannedTrainTechnicalData"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTrainData/CommercialTrafficType**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	type7009BrandNameCodeList												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>17</td> <td></td> </tr> <tr> <td>enumeration</td> <td>46</td> <td>documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0</td> </tr> <tr> <td>enumeration</td> <td>47</td> <td>documentation TAC documentation TAC</td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	17		enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0	enumeration	47	documentation TAC documentation TAC
Kind	Value	Annotation											
maxLength	17												
enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0											
enumeration	47	documentation TAC documentation TAC											

		documentation Car sleeper train, motor rail (CST) documentation 14 documentation 0
enumeration	48	documentation SAE documentation SAE documentation Unaccompanied car service, motor rail documentation 14 documentation 0
enumeration	49	documentation EIC documentation EkspresIC documentation Fast and Comfortable Interregional trains documentation 10 documentation 0
enumeration	50	documentation EC documentation EuroCity documentation EuroCity documentation 9 documentation 0
enumeration	51	documentation ICE documentation ICE documentation ICE documentation 8 documentation 0
enumeration	52	documentation AVE documentation AVE documentation AVE documentation 8 documentation 0
enumeration	53	documentation EIL documentation EUROSTAR documentation Eurostar documentation

		8	documentation
	enumeration 54	0	documentation
			documentation
			documentation
			Talgo
			documentation
	enumeration 55	9	documentation
		0	documentation
			OTU
			documentation
			Oresundstog
			documentation
			Oresundstog
			documentation
	enumeration 56	10	documentation
		0	documentation
			TGV
			documentation
			TGV
			documentation
			TGV Bruxelles – Lille / Province
			documentation
		8	documentation
	enumeration 58	0	documentation
			TRN
			documentation
			Intercités
			documentation
			Intercités
			documentation
	enumeration 59	9	documentation
		0	documentation
			AE
			documentation
			ALLEGRO
			documentation
			Allegro
			documentation
	enumeration 60	8	documentation
		0	documentation
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			documentation
			EuroCityBrenner
			documentation
			EuroCityBrenner
			documentation
		9	documentation
		0	documentation

	enumeration	62	documentation
			documentation
			documentation
			Suburban service
			documentation
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			0
	enumeration	63	documentation
			IC
			documentation
			Intercity
			documentation
			Intercity
			documentation
			9
			documentation
			0
	enumeration	64	documentation
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			documentation
			Hotel Train
			documentation
			13
			documentation
			0
	enumeration	65	documentation
			documentation
			Ferry
			documentation
			hydrofoil
			documentation
			33
			documentation
			0
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			IC
			documentation
			Intercity
			documentation
			Inter City Lyn
			documentation
			9
			documentation
			0
	enumeration	67	documentation
			documentation
			documentation
			TRN
			documentation
			10
			documentation
			0
	enumeration	68	documentation

		documentation
		documentation
		International
		documentation
		9
		documentation
		0
enumeration	69	documentation
		documentation
		documentation
		Express
		documentation
		10
		documentation
		0
enumeration	70	documentation
		EN
		documentation
		EuroNight
		documentation
		Euro Night
		documentation
		13
		documentation
		0
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		HST
		documentation
		High-speed train
		documentation
		High-speed train
		documentation
		8
		documentation
		0
enumeration	72	documentation
		TRN
		documentation
		TRAIN
		documentation
		Train SNCF
		documentation
		9
		documentation
		0
enumeration	73	documentation
		TGV
		documentation
		TGV
		documentation
		TGV Sud-Est
		documentation
		8
		documentation
		0
enumeration	74	documentation
		TGV
		documentation

			TGV documentation
			TGV Atlantique documentation
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			0 documentation
	enumeration	75	TGV documentation
			TGV documentation
			TGV Nord documentation
			8 documentation
			0 documentation
	enumeration	76	TGV documentation
			TGV documentation
			TGV Lyria documentation
			8 documentation
			0 documentation
	enumeration	77	TGV documentation
			TGV documentation
			TGV Duplex documentation
			8 documentation
			0 documentation
	enumeration	79	TGV documentation
			TGV documentation
			TGV Est documentation
			8 documentation
			0 documentation
	enumeration	80	TGV documentation
			TGV documentation
			TGV Interconnexion documentation
			8 documentation
			0 documentation
	enumeration	82	documentation
			documentation
			THALYS documentation
			Thalys

		documentation 8
		documentation
	enumeration 83	0 documentation
		documentation
		Ferry
		documentation
		hovercraft
		documentation
		33
		documentation
	enumeration 84	0 documentation
		RE
		documentation
		regional train
		documentation
		Regional
		documentation
		11
		documentation
	enumeration 85	0 documentation
		WTE
		documentation
		Wilhelm Tell Express
		documentation
		Wilhelm Tell Express
		documentation
		10
		documentation
	enumeration 87	0 documentation
		documentation
		PENDOLINO
		documentation
		Pendolino
		documentation
		8
		documentation
	enumeration 88	0 documentation
		Suburban
		documentation
		8
		documentation
	enumeration 89	0 documentation
		ALV
		documentation
		Alvia
		documentation
		Alvia
		documentation
		8
		documentation
	enumeration 90	0 documentation
		AVN
		documentation

		Avant documentation
		Avant documentation
		8 documentation
		0 documentation
enumeration	91	TER documentation
		TRAIN documentation
		Regional TER documentation
		11 documentation
		0 documentation
enumeration	92	REG documentation
		NSB Regiontog documentation
		NSB Regiontog documentation
		37 documentation
		0 documentation
enumeration	93	FB documentation
		FRECCIABIANCA documentation
		FRECCIABIANCA documentation
		8 documentation
		0 documentation
enumeration	94	SC documentation
		SuperCity documentation
		Supercity documentation
		9 documentation
		0 documentation
enumeration	95	CNL documentation
		City Night Line (D) documentation
		DB Nachtzug documentation
		13 documentation
		0 documentation
enumeration	96	INI documentation
		InterCityNotte Italia documentation
		InterCityNotte

		documentation 13
		documentation
enumeration	97	0 documentation GB documentation ATOC MEMBER OPERATED SERVICE documentation ATOC MEMBER OPERATED SERVICE documentation 37
		documentation 0
enumeration	98	documentation ESI documentation ES* Italia documentation Eurostar Italia documentation 8
		documentation 0
enumeration	99	documentation
		documentation
		documentation Funicular documentation 15
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		documentation
		documentation Airport train documentation 12
enumeration	101	documentation 0 documentation Night train documentation 13
		documentation 0
enumeration	102	documentation
		documentation
		documentation Touristic train documentation 9
		documentation 0
enumeration	107	documentation

			documentation
			documentation
			Historical train, steam engine train
			documentation
			16
			documentation
			0
enumeration	108		documentation
			IRE
			documentation
			IRE
			documentation
			Interregio-Express
			documentation
			10
			documentation
			0
enumeration	109		documentation
			RB
			documentation
			RB
			documentation
			Regionalbahn
			documentation
			11
			documentation
			0
enumeration	110		documentation
			RE
			documentation
			RE
			documentation
			Regional-Express
			documentation
			11
			documentation
			0
enumeration	111		documentation
			RT
			documentation
			RT
			documentation
			RegioTram
			documentation
			11
			documentation
			0
enumeration	112		documentation
			documentation
			documentation
			Shinkansen
			documentation
			8
			documentation
			0
enumeration	113		documentation
			THT
			documentation

		TrainHotel Talgo documentation
		Train hotel talgo documentation
		13 documentation
		0 documentation
enumeration	114	EUR documentation
		Euromed documentation
		Euromed documentation
		9 documentation
		0 documentation
enumeration	115	ALR documentation
		Alaris documentation
		Alaris documentation
		9 documentation
		0 documentation
enumeration	116	ALT documentation
		Altaris documentation
		Altaris documentation
		9 documentation
		0 documentation
enumeration	117	ARC documentation
		Arco documentation
		intercity documentation
		9 documentation
		2 documentation
enumeration	119	documentation
		documentation
		documentation
		S-Bahn documentation
		12 documentation
		0 documentation
enumeration	121	Night Train documentation
		Night Train documentation
		13

		documentation 0
enumeration	122	documentation IR documentation Interregional documentation Interregional documentation 10
enumeration	123	documentation 0 documentation IRN documentation Interregional Night Train documentation Interregional Night Train documentation 13
enumeration	124	documentation 2 documentation NLT documentation TOLSTOI documentation Tolstoi documentation 13
enumeration	126	documentation 0 documentation
		documentation
		documentation ARZ
		documentation 14
enumeration	128	documentation 0 documentation AVE documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8
enumeration	129	documentation 0 documentation TGV documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8
enumeration	130	documentation 0 documentation

			BUS documentation
			IC Bus documentation
			Bus documentation
			32 documentation
			0 documentation
	enumeration	131	BUS documentation
			IC Bus international documentation
			Bus documentation
			32 documentation
			0 documentation
	enumeration	153	documentation
			documentation
			special train documentation
			Sonderzug documentation
			9 documentation
			0 documentation
	enumeration	154	documentation
			documentation
			documentation
			InterCityRapid documentation
			9 documentation
			0 documentation
	enumeration	155	documentation
			documentation
			documentation
			InterPici documentation
			9 documentation
			0 documentation
	enumeration	157	documentation
			documentation
			documentation
			Fast train documentation
			9 documentation
			0 documentation
	enumeration	158	documentation

		documentation
		documentation
		Euregio
		documentation
		11
		documentation
		0
enumeration	159	documentation
		documentation
		Bus
		documentation
		IC Ersatzbus
		documentation
		32
		documentation
		0
enumeration	160	documentation
		documentation
		Bus
		documentation
		IP Ersatzbus
		documentation
		32
		documentation
		0
enumeration	162	documentation
		documentation
		Bus
		documentation
		Replacement Bus
		documentation
		32
		documentation
		0
enumeration	163	documentation
		TGV
		documentation
		TGV
		documentation
		TGV Duplex Lyria
		documentation
		8
		documentation
		0
enumeration	166	documentation
		TGV
		documentation
		TGV INOUI
		documentation
		TGV Duplex France Allemagne
		documentation
		8
		documentation
		2
enumeration	170	documentation
		YHT
		documentation
		YHT

		documentation High speed train in Turkey documentation 8 documentation 0 documentation FA documentation FRECCIARGENTO documentation FRECCIARGENTO documentation 8 documentation 0
enumeration	171	documentation FR documentation FRECCIAROSSA documentation FRECCIAROSSA documentation 8 documentation 0
enumeration	172	documentation FR documentation FRECCIAROSSA documentation FRECCIAROSSA documentation 8 documentation 0
enumeration	173	documentation AP documentation Albula Panoramawagen documentation Albula Panoramawagen documentation 10 documentation 0
enumeration	174	documentation BEX documentation Bernina Express documentation Bernina Express (Panorama Train) documentation 10 documentation 0
enumeration	175	documentation GEX documentation Glacier Express documentation Glacier Express (Panorama Train) documentation 10 documentation 0
enumeration	176	documentation GP documentation Golden Pass documentation Golden Pass (Panorama Train) documentation

		10 documentation
enumeration	177	0 documentation BNI documentation Bernina Panorama documentation Bernina Panorama documentation 11 documentation
enumeration	178	0 documentation zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation 10 documentation
enumeration	179	0 documentation BxB documentation Bernina Express Bus documentation Bernina Express (Panorama Bus) documentation 32 documentation
enumeration	200	0 documentation GGB documentation Gornergrat Bahn documentation Mountain train documentation 10 documentation
enumeration	202	0 documentation ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation 8 documentation
enumeration	203	0 documentation documentation ÖBB-NIGHTLINE documentation ÖBB Night Line documentation 13 documentation
		0

	enumeration	205	documentation ICP documentation Intercity Plus documentation Intercity Plus documentation 9 documentation 0
	enumeration	206	documentation RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0
	enumeration	207	documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0
	enumeration	209	documentation RJ documentation R A I L JET documentation Rail Jet documentation 9 documentation 0
	enumeration	213	documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0
	enumeration	214	documentation documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0
	enumeration	215	documentation documentation

			Railpromo Austria Express/Treski documentation
			Austria Express/Treski documentation
			13 documentation
			0 documentation
enumeration	216		
			documentation
			PRECIOS MERCADO documentation
			Precios Mercado documentation
			9 documentation
			0 documentation
enumeration	219		
			TGV documentation
			TGV documentation
			TGV documentation
			8 documentation
			0 documentation
enumeration	223		
			FB documentation
			FB documentation
			FernBus documentation
			32 documentation
			0 documentation
enumeration	224		
			ICB documentation
			Intercitybus documentation
			ÖBB-Intercitybus documentation
			32 documentation
			0 documentation
enumeration	225		
			TLK documentation
			TLK train documentation
			Yours Rail Lines documentation
			10 documentation
			0 documentation
enumeration	226		
			A documentation
			RailBus documentation
			RailBus

		documentation 32
		documentation
enumeration	227	0 documentation BUS documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32
		documentation 0
enumeration	228	documentation IR documentation InterREGIO train documentation InterREGIO train documentation 10
		documentation 0
enumeration	229	documentation IRB documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32
		documentation 0
enumeration	230	documentation MP documentation Fast International Train documentation Fast International Train documentation 10
		documentation 0
enumeration	231	documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11
		documentation 0
enumeration	232	documentation Os documentation Stopping Train documentation Stopping Train documentation 11
		documentation

	enumeration	233	0 documentation P documentation Fast Train documentation Fast Train documentation 10 documentation 0
	enumeration	234	documentation R documentation REGIO train documentation REGIO train documentation 11 documentation 0
	enumeration	235	documentation RE documentation REGIOekspres train documentation REGIOekspres train documentation 10 documentation 0
	enumeration	236	documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11 documentation 0
	enumeration	237	documentation TK documentation TurKol documentation TurKol documentation 11 documentation 0
	enumeration	238	documentation EIP documentation EIC Premium documentation High-speed train documentation 8 documentation 0
	enumeration	239	documentation SKM

		documentation PKP SKM w Trojmiescie
		documentation PKP SKM w Trojmiescie
		documentation 12
		documentation 0
enumeration	240	documentation SA
		documentation SAPSAN
		documentation High speed train
		documentation 8
		documentation 0
enumeration	242	documentation STR
		documentation STRIZH
		documentation Strizh night train
		documentation 13
		documentation 0
enumeration	243	documentation STR
		documentation STRIZH
		documentation Strizh interregional
		documentation 8
		documentation 0
enumeration	244	documentation NJ
		documentation NJ
		documentation NJ Night Jet
		documentation 13
		documentation 0
enumeration	245	documentation CAR
		documentation AUTOCAR
		documentation French regional buses (not sold via Hermes)
		documentation 32
		documentation 0
enumeration	246	documentation RJX
		documentation RJX
		documentation

			RJX railjet xpress documentation 8 documentation 0 documentation CJX documentation CJX documentation CJX cityjet xpress documentation 10 documentation 0
enumeration	247		
			documentation Night train BC documentation Night train BC documentation 13 documentation 0
enumeration	248		
			documentation TGV documentation TGV INOUI documentation TGV INOUI documentation 8 documentation 0
enumeration	249		
			documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation 8 documentation 0
enumeration	250		
			documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation 10 documentation 0
enumeration	251		
			documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation 10 documentation 0
enumeration	252		

	enumeration	253	documentation VAE documentation Voralpen-Express documentation Voralpen-Express (Panorama Train) documentation 10 documentation 0
	enumeration	254	documentation LK documentation FRECCIALINK documentation FRECCIALINK documentation 32 documentation 0
	enumeration	255	documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation 13 documentation 0
	enumeration	256	documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation 33 documentation 0
	enumeration	257	documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation 33 documentation 0
	enumeration	258	documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0
	enumeration	259	documentation HSW documentation

	<p>BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0</p>
<p>source</p>	<pre><xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></pre>

children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System TrainRadioSystem TiltingFunction OperationalTrainCouplingStrength BogieWagonsOnly
used by	element PlannedTrainData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="PlannedTrainTechnicalData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/> <xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/> <xs:element ref="TractionDetails" maxOccurs="unbounded"/> <xs:element ref="TrainMaxSpeed"/> <xs:element ref="HighestPlannedSpeed" minOccurs="0"/> <xs:element ref="PlannedSpeed" minOccurs="0"/> <xs:element ref="Coasting" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="RouteClass" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="MinBrakedWeightPercent" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TrainRadioSystem" minOccurs="0"/> <xs:element ref="TiltingFunction" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting system</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/> <xs:element ref="BogieWagonsOnly" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

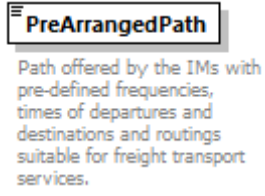
<p>diagram</p>	<p>CompositIdentifierPlannedType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determent by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>CompositIdentifierPlannedType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>elements ErrorMessage Identifiers</p>
<p>source</p>	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**

<p>diagram</p>	<p>PostalCode</p> <p>The postal code for the postal address</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>


type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation The postal code for the postal address									
source	<pre><xs:element name="PostalCode"> <xs:annotation> <xs:documentation>The postal code for the postal address</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PreArrangedPath**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedJourneyLocation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.									
source	<pre><xs:element name="PreArrangedPath"> <xs:annotation> <xs:documentation>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<code></xs:element></code>
--	----------------------------------

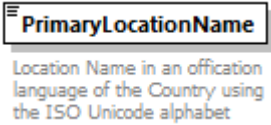
element PreviousConsignmentNumber

diagram	 <p>This element shows the previous Reference number assigned to a consignment by a lead RU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation This element shows the previous Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>This element shows the previous Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

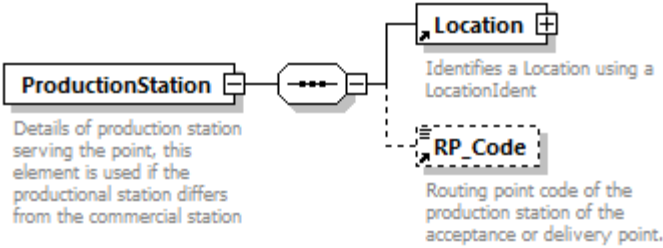
element PreviousResponsibleRU

diagram	 <p>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	element WIMO Dataset/ConsignmentLevelData												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point												
source	<pre><xs:element name="PreviousResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>												

element **PrimaryLocationName**

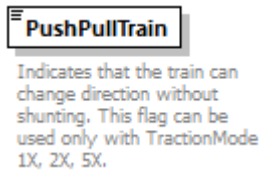
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	complexType LocationIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet									
source	<pre><xs:element name="PrimaryLocationName" type="FreeText"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ProductionStation**

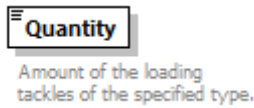
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Location RP_Code
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station
source	<pre><xs:element name="ProductionStation"> <xs:annotation> <xs:documentation>Details of production station serving the point, this element is used if the productional station differs from the commercial station</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:element ref="RP_Code" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **PushPullTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element PlannedTrainData
annotation	documentation Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
source	<pre> <xs:element name="PushPullTrain" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Quantity**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Amount of the loading tackles of the specified type.									
source	<pre> <xs:element name="Quantity"> <xs:annotation> <xs:documentation>Amount of the loading tackles of the specified type.</xs:documentation> </xs:annotation> <xs:simpleType> </pre>									


```
<xs:restriction base="xs:int">  
  <xs:minInclusive value="1"/>  
  <xs:maxInclusive value="99999"/>  
</xs:restriction>  
</xs:simpleType>  
</xs:element>
```

element **ReceiptConfirmationMessage**

<p>diagram</p>	<p>ReceiptConfirmationMessage</p> <p>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</p> <ul style="list-style-type: none"> MessageHeader (+): Used for all messages Identifiers (+): ReferenceTrainIDSubCalendar (+): ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar" TypeOfRequest (+): Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) TypeOfInformation (+): Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation AffectedSection (+): 0..∞ Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path AffectedLocation (+): Affected location Remarks (+): Free Form Text InternalReferenceIdentifier (+): The link to the IM System Reference RelatedReference (+): Identifies the message to which the actual message refers
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection</p>

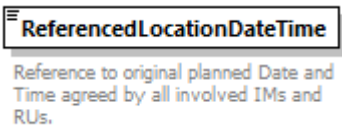
	AffectedLocation Remarks InternalReferenceIdentifier RelatedReference
annotation	documentation This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.
source	<pre> <xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of- information.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="AffectedLocation" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="RelatedReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Recipient**

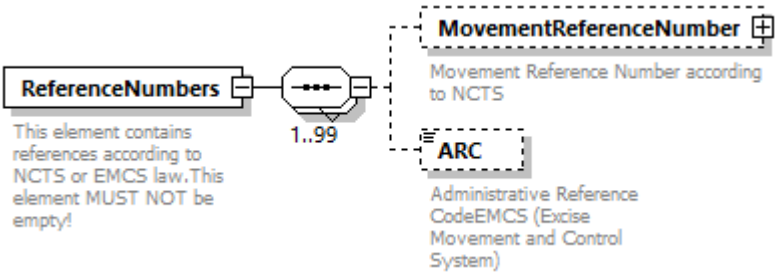
diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation documentation
	CI_InstanceNumber	Numeric2-2				Number of a Common Interface

		Instance for the same Company
annotation	documentation Receiver of the message	
source	<pre><xs:element name="Recipient"> <xs:annotation> <xs:documentation>Receiver of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>	

element **ReferencedLocationDateTime**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4	
type	xs:dateTime	
properties	content simple	
used by	elements DelayEventReport InterruptionPoint TrainAtLocation TrainLocationReport	
annotation	documentation Reference to original planned Date and Time agreed by all involved IMs and RUs.	
source	<pre><xs:element name="ReferencedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Reference to original planned Date and Time agreed by all involved IMs and RUs. </xs:documentation> </xs:annotation> </xs:element></pre>	

element **ReferenceNumbers**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4	
properties	content complex	

children	MovementReferenceNumber ARC
used by	elements Wagons/GoodsInWagon ILU Details ITU Details
annotation	documentation This element contains references according to NCTS or EMCS law.This element MUST NOT be empty!
source	<pre> <xs:element name="ReferenceNumbers"> <xs:annotation> <xs:documentation>This element contains references according to NCTS or EMCS law.This element MUST NOT be empty!</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence maxOccurs="99"> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ReferenceNumbers/MovementReferenceNumber**

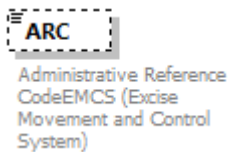
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>MRN_Type MRN_Number</p>
<p>annotation</p>	<p>documentation Movement Reference Number according to NCTS</p>
<p>source</p>	<pre><xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>restriction of xs:string</p>
<p>properties</p>	<p>content simple</p>

facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	<p>documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p>									
source	<pre><xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ReferenceNumbers/ARC**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	21	
Kind	Value	Annotation					
length	21						
annotation	<p>documentation Administrative Reference CodeEMCS (Excise Movement and Control System)</p> <p>documentation CODE: EU (EC) No 684/2009</p>						
source	<pre><xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **ReferenceOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	OperationalTrainNumberIdentifier
used by	elements ChangeofTrackMessage TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre><xs:element name="ReferenceOTN"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ReferenceTrainIDSubCalendar**

diagram	<p>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"</p> <p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	BitmapDays ValidityPeriod
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage
annotation	documentation ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"
source	<pre><xs:element name="ReferenceTrainIDSubCalendar"> <xs:annotation> <xs:documentation>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

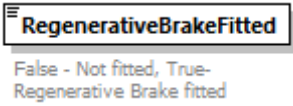
	<pre> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RegenerativeBrake**

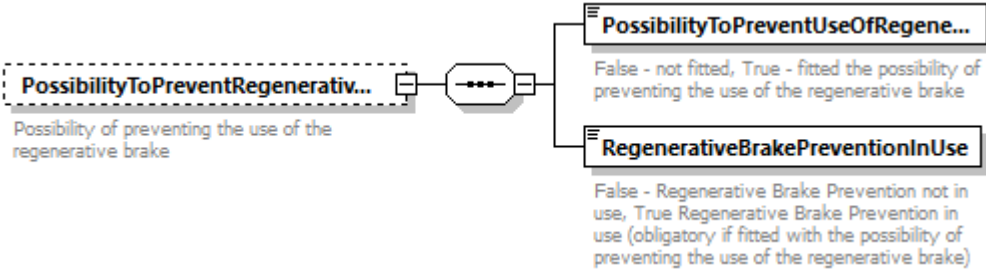
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	RegenerativeBrakeFitted PossibilityToPreventRegenerativeBrake
used by	element TrainCompositionJourneySection/LocIdent
annotation	documentation Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source
source	<pre> <xs:element name="RegenerativeBrake"> <xs:annotation> <xs:documentation>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RegenerativeBrake/RegenerativeBrakeFitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation False - Not fitted, True- Regenerative Brake fitted
source	<pre> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> </pre>

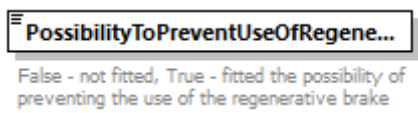
element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	PossibilityToPreventUseOfRegenerativeBrake RegenerativeBrakePreventionInUse
annotation	documentation Possibility of preventing the use of the regenerative brake

source	<pre> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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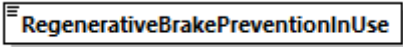
element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/PossibilityToPreventUseOfRegenerativeBrake

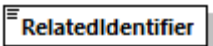
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake
source	<pre> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </pre>

element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/RegenerativeBrakePreventionInUse

diagram	 <p>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)
source	<pre><xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element></pre>

element RelatedIdentifier

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
source	<pre><xs:element name="RelatedIdentifier" type="FreeText"/></pre>									

element **RelatedPlannedTransportIdentifiers**

<p>diagram</p>	<p>CompositIdentifierPlannedType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determent by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>CompositIdentifierPlannedType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>element Identifiers</p>
<p>source</p>	<pre><xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>


element **RelatedReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonDepartureNoticeMessage WagonDeviationMessage WagonETI ETA Message
annotation	documentation Identifies the message to which the actual message refers
source	<pre> <xs:element name="RelatedReference"> <xs:annotation> <xs:documentation>Identifies the message to which the actual message refers</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RelatedType" type="MessageCode"/> <xs:element ref="RelatedIdentifier"/> <xs:element ref="RelatedSenderReference" minOccurs="0"/> <xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

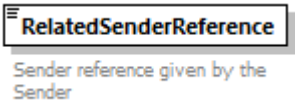
element **RelatedReference/RelatedType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	MessageCode									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
source	<pre> <xs:element name="RelatedType" type="MessageCode"/> </pre>									

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	documentation Date Time of related message.
source	<pre><xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element></pre>

element **RelatedSenderReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Sender reference given by the Sender									
source	<pre><xs:element name="RelatedSenderReference" type="FreeText"> <xs:annotation> <xs:documentation>Sender reference given by the Sender</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RelatedTransportOperationalIdentifiers**

<p>diagram</p>	<p>The diagram shows a class RelatedTransportOperationalIdentifiers connected to a composite type CompositIdentifierOperationalType. This composite type contains six sub-elements: ObjectType, Company, Core, Variant, TimetableYear, and StartDate. Each sub-element has a brief description of its function.</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>CompositIdentifierOperationalType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>element TrainOperationalIdentification</p>
<p>source</p>	<pre><xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/></pre>

element **Remarks**

<p>diagram</p>	<p>The diagram shows a class Remarks with the text Free Form Text below it.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>

type	FreeText
properties	content simple
used by	elements DelayCauseTime InterruptionPoint ReceiptConfirmationMessage TrainJourneyModificationMessage
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Form Text
source	<pre><xs:element name="Remarks" type="FreeText"> <xs:annotation> <xs:documentation>Free Form Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **RequestedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	BitmapDays ValidityPeriod
used by	element PathInformation
source	<pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RequestedPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex

children	StartDateTime EndDateTime
annotation	documentation Date/Time period of a request
source	<pre> <xs:element name="RequestedPeriod"> <xs:annotation> <xs:documentation>Date/Time period of a request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

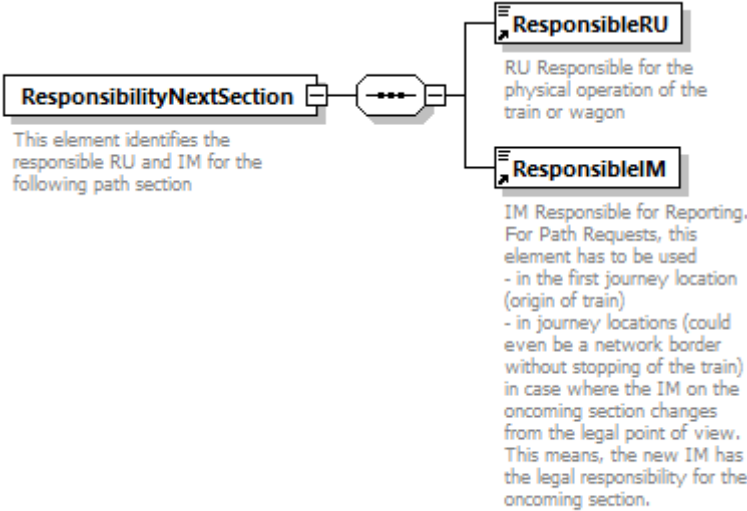
element **RequestedTimeframe**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	StartDateTime EndDateTime
annotation	documentation To specify a time period being requested
source	<pre> <xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specifiy a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

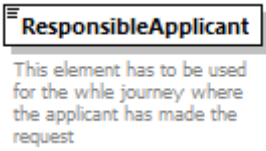
element **ResponsibilityActualSection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ResponsibleRU ResponsibleIM</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation This element identifies the responsible RU or IM for the actual path section</p>
<p>source</p>	<pre><xs:element name="ResponsibilityActualSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ResponsibilityNextSection**

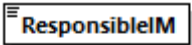
<p>diagram</p>	 <p>This element identifies the responsible RU and IM for the following path section</p> <p>RU Responsible for the physical operation of the train or wagon</p> <p>IM Responsible for Reporting. For Path Requests, this element has to be used</p> <ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ResponsibleRU ResponsibleIM</p>
<p>used by</p>	<p>element JourneySection</p>
<p>annotation</p>	<p>documentation This element identifies the responsible RU and IM for the following path section</p>
<p>source</p>	<pre><xs:element name="ResponsibilityNextSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU and IM for the following path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **ResponsibleApplicant**

<p>diagram</p>	 <p>This element has to be used for the whole journey where the applicant has made the request</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>restriction of CompanyCode</p>
<p>properties</p>	<p>content simple</p>
<p>used by</p>	<p>element PlannedJourneyLocation</p>

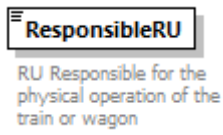
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	This element has to be used for the whole journey where the applicant has made the request	
source	<pre><xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whole journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element></pre>		

element **ResponsibleIM**

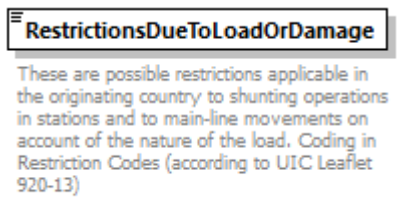
diagram	 <p>IM Responsible for Reporting. For Path Requests, this element has to be used</p> <ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. 		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	CompanyCode		
properties	content	simple	
used by	elements	LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	IM Responsible for Reporting. For Path Requests, this element has to be used <ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. 	
source	<pre><xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of</pre>		

	<p>the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</p> <pre></xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **ResponsibleRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	elements ExceptionPoint PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection TrainDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation RU Responsible for the physical operation of the train or wagon												
source	<pre><xs:element name="ResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>RU Responsible for the physical operation of the train or wagon</xs:documentation> </xs:annotation> </xs:element></pre>												

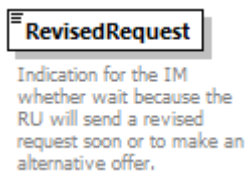
element **RestrictionsDueToLoadOrDamage**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	RestrictionCodes									
properties	content simple									
used by	element WagonOperationalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td>documentation</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation</td> </tr> </tbody> </table> <p>F - Shunt only when hand brake operable with ground staff</p>	Kind	Value	Annotation	enumeration	07	documentation	enumeration	08	documentation
Kind	Value	Annotation								
enumeration	07	documentation								
enumeration	08	documentation								

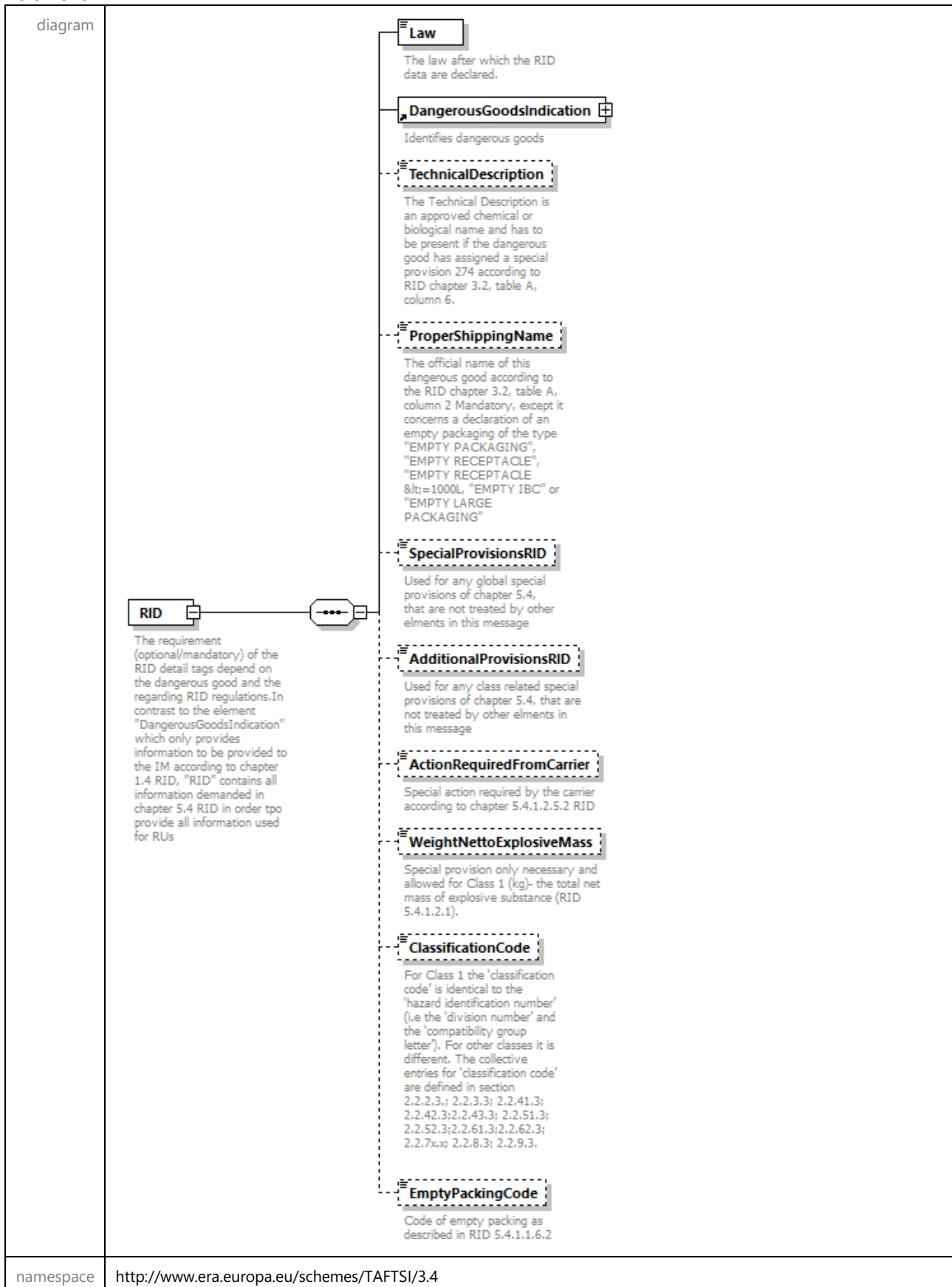
	enumeration	09	F - Tank wagon loaded with liquid documentation
	enumeration	11	F - Wagon loaded with people documentation
	enumeration	12	F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation
	enumeration	13	F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres documentation
	enumeration	15	F - Bogie wagon with distance between wheels of more than 17,50 metres documentation
	enumeration	16	F - Wagon not allowed over the hump documentation
	enumeration	18	F - Do not fly shunt or gravity shunt (3 red triangles) documentation
	enumeration	25	F - Must not use active braking equipment documentation
	enumeration	30	F - Gas carrying tank wagon with orange side stripe documentation
	enumeration	31	P (+F) - CCS fault (see CCS coding list) documentation
	enumeration	32	P (+F) - Braking system fault documentation
	enumeration	33	P (+F) - Wheelset, bogie fault documentation
	enumeration	34	P (+F) - Headlighting or back lighting fault documentation
	enumeration	35	P (+F) - Front glass broken documentation
	enumeration	36	P (+F) - Horn fault documentation
	enumeration	37	P (+F) - Radio fault documentation
	enumeration	38	P (+F) - Energy supply fault documentation
	enumeration	39	P (+F) - Traction or motor fault documentation
	enumeration	41	P - Access door fault documentation
	enumeration	42	F - Place this wagon at the front of the train documentation
	enumeration	50	F - Place this wagon at the rear of the train documentation
	enumeration	52	P (+F) - Speed restriction documentation
	enumeration	61	P (+F) - Diesel locomotive instead of electric locomotive documentation
	enumeration	62	F - Wagon forming part of a consignment of several wagons documentation
	enumeration	63	F - Wagon forming part of a group of wagons from which it must not be separated documentation
	enumeration	68	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation
	enumeration	70	F - First or last wagon of a wagon group from which it must not be separated documentation
	enumeration	71	F - Shunt with care (1 red triangle) documentation
	enumeration	90	F - Shunt with special care (2 red triangle) documentation
	enumeration	91	P - Train planned with passengers operated without passengers documentation
			P - Train planned without passengers operated with passengers

	<p>enumeration 92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine)</p> <p>enumeration 94 documentation F - Gas carrying wagon without orange side stripe</p> <p>enumeration 99 documentation P - Other</p>
annotation	<p>documentation These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)</p>
source	<pre><xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"> <xs:annotation> <xs:documentation>These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) </xs:documentation> </xs:annotation> </xs:element></pre>

element RevisedRequest

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element PathDetailsRefusedMessage
annotation	<p>documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</p>
source	<pre><xs:element name="RevisedRequest" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID**



properties	content complex
children	Law DangerousGoodsIndication TechnicalDescription ProperShippingName SpecialProvisionsRID AdditionalProvisionsRID ActionRequiredFromCarrier WeightNettoExplosiveMass ClassificationCode EmptyPackingCode
used by	element Goods
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs
source	<pre> <xs:element name="RID"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerousGoodsIndication"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it </pre>

```

concerns a declaration of an empty packaging of the type "EMPTY PACKAGING",
"EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY
LARGE PACKAGING"</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used for any global special provisions of
chapter 5.4, that are not treated by other elements in this
message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="AdditionalProvisionsRID" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used for any class related special provisions of
chapter 5.4, that are not treated by other elements in this
message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special action required by the carrier according
to chapter 5.4.1.2.5.2 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="WeightNettoExplosiveMass" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special provision only necessary and allowed for
Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:minInclusive value="0"/>

```

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        <xs:fractionDigits value="1"/>
        <xs:totalDigits value="8"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>For Class 1 the 'classification code' is
identical to the 'hazard identification number' (i.e the 'division number'
and the 'compatibility group letter'). For other classes it is different.
The collective entries for 'classification code' are defined in section
2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3;2.2.43.3; 2.2.51.3;
2.2.52.3;2.2.61.3;2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</xs:documentation>
        <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4">
                <xs:annotation>
                    <xs:documentation>present only with class
1</xs:documentation>
                </xs:annotation>
            </xs:maxLength>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="EmptyPackingCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
        <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has
been added as 'dummy' until the code list has been finished and approved.
</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="01">
                <xs:annotation>
                    <xs:documentation>EMPTY PACKAGING</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="02">
                <xs:annotation>
                    <xs:documentation>EMPTY CONTAINER</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="03">
                <xs:annotation>
                    <xs:documentation>EMPTY IBC</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="04">
                <xs:annotation>
                    <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="05">

```

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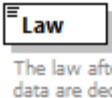
    <xs:annotation>
      <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="06">
    <xs:annotation>
      <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="07">
    <xs:annotation>
      <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="08">
    <xs:annotation>
      <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="09">
    <xs:annotation>
      <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="10">
    <xs:annotation>
      <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="11">
    <xs:annotation>
      <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="12">
    <xs:annotation>
      <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="13">
    <xs:annotation>
      <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="14">
    <xs:annotation>
      <xs:documentation>EMPTY VEHICLE</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="15">
    <xs:annotation>
      <xs:documentation>EMPTY WAGON</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="16">
    <xs:annotation>
      <xs:documentation>EMPTY RECEPTACLE le

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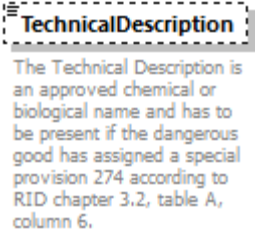
1000L</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
    <xs:annotation>
        <xs:documentation>EMPTY RECEPTACLE gt
1000L</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <xs:documentation>EMPTY</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **RID/Law**

diagram	 <p>The law after which the RID data are declared.</p>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																					
type	restriction of xs:int																					
properties	content simple																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>2013</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2015</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2017</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2019</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2021</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2023</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019		enumeration	2021		enumeration	2023	
Kind	Value	Annotation																				
enumeration	2013																					
enumeration	2015																					
enumeration	2017																					
enumeration	2019																					
enumeration	2021																					
enumeration	2023																					
annotation	documentation The law after which the RID data are declared.																					
source	<pre> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																					

	<pre></xs:simpleType> </xs:element></pre>
--	---

element RID/TechnicalDescription

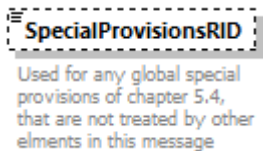
diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.
source	<pre><xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element RID/ProperShippingName

diagram	 <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p>
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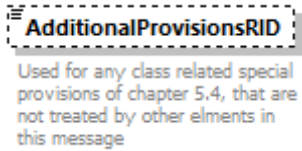
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"
source	<pre> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RID/SpecialProvisionsRID**

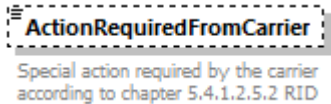
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message
source	<pre> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **RID/AdditionalProvisionsRID**

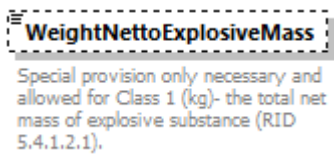
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message									
source	<pre> <xs:element name="AdditionalProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RID/ActionRequiredFromCarrier**

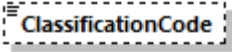
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID									

source	<pre> <xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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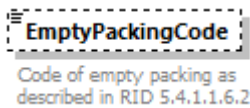
element **RID/WeightNettoExplosiveMass**

diagram	 <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:decimal												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>8</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		totalDigits	8		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	0												
totalDigits	8												
fractionDigits	1												
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).												
source	<pre> <xs:element name="WeightNettoExplosiveMass" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:totalDigits value="8"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **RID/ClassificationCode**

diagram	 <p>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3;2.2.43.3; 2.2.51.3; 2.2.52.3;2.2.61.3;2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td>documentation present only with class 1</td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	4	documentation present only with class 1
Kind	Value	Annotation								
minLength	1									
maxLength	4	documentation present only with class 1								
annotation	documentation For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3;2.2.43.3; 2.2.51.3; 2.2.52.3;2.2.61.3;2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3. documentation CODE: OTIF RID-Specification									
source	<pre><xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3;2.2.43.3; 2.2.51.3; 2.2.52.3;2.2.61.3;2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/EmptyPackingCode**

diagram	 <p>Code of empty packing as described in RID 5.4.1.1.6.2</p>																																																									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																									
type	restriction of xs:string																																																									
properties	minOcc 0 maxOcc 1 content simple																																																									
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annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.																																																									
source	<pre><xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:element></pre>																																																									

```
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      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>EMPTY CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>EMPTY IBC</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
      <xs:annotation>
        <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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</xs:simpleType>
```

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</xs:enumeration>
<xs:enumeration value="13">
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ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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  </xs:annotation>
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  <xs:annotation>
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  </xs:annotation>
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</xs:restriction>
</xs:simpleType>
</xs:element>
```



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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="SAL">
  <xs:annotation>
    <xs:documentation>semi-trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="MW">
  <xs:annotation>
    <xs:documentation>motor vehicle</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ANH">
  <xs:annotation>
    <xs:documentation>trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the
vehicle.</xs:documentation>
          <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
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            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
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trailer).</xs:documentation>
  </xs:annotation>

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  <xs:annotation>
    <xs:documentation>Information concerning the
haulier.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name">
        <xs:annotation>
          <xs:documentation>Name of haulier.</xs:documentation>
        </xs:annotation>
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      <xs:element ref="CountryCodeISO"/>
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</xs:element>
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  <xs:annotation>
    <xs:documentation>Attendants during the
transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LastName">
        <xs:annotation>
          <xs:documentation>Last name of
attendant.</xs:documentation>
          <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
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attendant.</xs:documentation>
          <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">

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maxOccurs="25"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
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element **RollingRoadUnit/RollingRoadUnitDetails**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LoadingStatus RollingRoadUnitType Vehicles TareWeightVehicle Haulier Attendants</p>
<p>annotation</p>	<p>documentation Details for Rolling Road units on wagon</p>
<p>source</p>	<p><xs:element name="RollingRoadUnitDetails"></p>

```

<xs:annotation>
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wagon</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="LoadingStatus"/>
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      <xs:annotation>
        <xs:documentation>Type of Rolling Road unit on
Wagon</xs:documentation>
        <xs:documentation>CODE:</xs:documentation>
        <xs:documentation>READ: <br/> - Consignee</xs:documentation>
        <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
      </xs:annotation>
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            <xs:annotation>
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            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="SAL">
            <xs:annotation>
              <xs:documentation>semi-trailer</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="MW">
            <xs:annotation>
              <xs:documentation>motor vehicle</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="ANH">
            <xs:annotation>
              <xs:documentation>trailer</xs:documentation>
            </xs:annotation>
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        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
      <xs:annotation>
        <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="NumberPlate">
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              <xs:documentation>Number plate of the
vehicle.</xs:documentation>
              <xs:documentation>READ: <br/> - Consignee</xs:documentation>
              <xs:documentation>WRITE: <br/> -

```

```

Consignor</xs:documentation>
  <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
  Successive carrier<br/> (With the agreement of the
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  </xs:annotation>
  <xs:simpleType>
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  </xs:simpleType>
  </xs:element>
  <xs:element ref="CountryCodeISO"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Total weight [kg] of vehicle (truck and
  trailer).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Haulier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information concerning the
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  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
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        <xs:annotation>
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      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Attendants during the
  transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LastName">
        <xs:annotation>
          <xs:documentation>Last name of attendant.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> -
  Consignor</xs:documentation>
        </xs:annotation>
        <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
        Successive carrier <br/> (With the agreement of the
        consignor)</xs:documentation>
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attendant.</xs:documentation>
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Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
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</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																					
type	restriction of xs:string																					
properties	minOcc 0 maxOcc 1 content simple default HGZ																					
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>HGZ</td> <td>documentation articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>SAL</td> <td>documentation semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>MW</td> <td>documentation motor vehicle</td> </tr> <tr> <td>enumeration</td> <td>ANH</td> <td>documentation trailer</td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	3		enumeration	HGZ	documentation articulated lorry	enumeration	SAL	documentation semi-trailer	enumeration	MW	documentation motor vehicle	enumeration	ANH	documentation trailer
Kind	Value	Annotation																				
minLength	1																					
maxLength	3																					
enumeration	HGZ	documentation articulated lorry																				
enumeration	SAL	documentation semi-trailer																				
enumeration	MW	documentation motor vehicle																				
enumeration	ANH	documentation trailer																				
annotation	documentation Type of Rolling Road unit on Wagon documentation CODE:																					


	<p>documentation READ:
 - Consignee documentation WRITE:
 - Consignor documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</p>
source	<pre> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

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properties	<p>minOcc 0 maxOcc 2 content complex</p>

children	NumberPlate CountryCodeISO
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	<pre> <xs:element name="Vehicles" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation Number plate of the vehicle. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)									
source	<pre> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> </pre>									

	<pre> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight [kg] of vehicle (truck and trailer).												
source	<pre> <xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	Name CountryCodeISO						
annotation	documentation Information concerning the haulier.						


source	<pre> <xs:element name="Haulier" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the haulier.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"> <xs:annotation> <xs:documentation>Name of haulier.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 2 content complex
children	LastName FirstName
annotation	documentation Attendants during the transport.
source	<pre> <xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

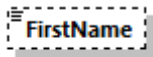
	<pre> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

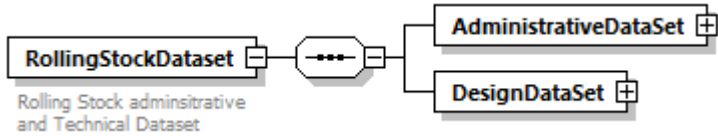
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Last name of attendant. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)									
source	<pre> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </pre>									

	<code></xs:element></code>
--	----------------------------------

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram	 <p>Optional first name of the attendant.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>15</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									
annotation	documentation Optional first name of the attendant. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)									
source	<pre> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RollingStockDataset**

diagram	 <p>Rolling Stock administrative and Technical Dataset</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	AdministrativeDataSet DesignDataSet

used by	elements RollingStockDatasetMessage WIMO Dataset
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDataset"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); </pre>

```

first entry indicates the initial authorisation country</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper
as listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in
Charge of Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
  <xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
  <xs:sequence>
    <xs:element name="CurrentECMAssignedUntil" type="xs:date">
    <xs:annotation>
      <xs:documentation> Date until the current Entity in
Charge of Maintenance is assigned to the wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
    <xs:element name="SubsequentECM">
    <xs:annotation>
      <xs:documentation> Full name of the following Entity
in Charge of Maintenance</xs:documentation>
    </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
  </xs:element>
  </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">
    <xs:annotation>
        <xs:documentation>ECM certificate
information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="EINNumber">
                <xs:annotation>
                    <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element ref="CountryCodeISO"/>
                        <xs:element name="TypeDocumentEIN" type="Numeric2-
2">
                            <xs:annotation>
                                <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric2-2"/>
                            <xs:element name="EINYear" type="Numeric2-2"/>
                            <xs:element name="EINCounter">
                                <xs:simpleType>
                                    <xs:restriction base="xs:integer">
                                        <xs:minInclusive value="0"/>
                                        <xs:maxInclusive value="9999"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="ECMCertificateValidFrom" type="xs:date">
                    <xs:annotation>
                        <xs:documentation>Certificate valid from
date</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="ECMCertificateValidTo" type="xs:date">
                    <xs:annotation>
                        <xs:documentation>Certificate valid to
date</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
                    <xs:annotation>
                        <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        </xs:element>
        <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ECMCertificateSuspended"
type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Identification if certificate has
been suspended for any reason</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="DateECMCertificateSuspended"
type="xs:date" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Date of the suspension of the ECM
certificate; must be provided in case of suspension</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
    <xs:annotation>
        <xs:documentation>Identification of the general
interoperability capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>
    </xs:annotation>
</xs:element>
    <xs:element name="GCUWagon" type="xs:boolean">
        <xs:annotation>
            <xs:documentation>Indication if wagon is operated under the
GCU contract</xs:documentation>
        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DesignDataSet">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LetterMarking">

```

```

    <xs:annotation>
      <xs:documentation>Complete wagon category letter code. The
      Identification marking for freight rolling stock (wagon type) is defined in
      UIC Leaflet 438-2</xs:documentation>
    </xs:annotation>
  </xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="20"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="TankCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tank code (applies only for tank wagons).
    The codes are defined in the RID regulation, chapter 4.3.3 and
    4.3.4.1.1</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="WagonNumberOfAxles"/>
<xs:element name="WheelSetType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Type name of the wheel sets, and the name
    of the type depends on the manufacturer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="WheelDiameter" minOccurs="0"/>
<xs:element ref="WheelsetGauge" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element ref="WheelSetTransformationMethod" minOccurs="0"/>
<xs:element ref="NumberOfBogies" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of bogies for a wagon (applies for
    bogie wagons only)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="BogiePitch" minOccurs="0"/>
<xs:element name="BogiePivotPitch" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent
    bogie pitches in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent
    axles in mm</xs:documentation>
  </xs:annotation>

```



```

</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following
values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150),
L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to
design characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the
wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons and
additional/country specific) can be specified by providing the element
several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no
load table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Product description, only applies
for product-specific load tables</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ProductUNCode" type="Numeric4-4">
              <xs:annotation>
                <xs:documentation>UN code of product if product
specific load table</xs:documentation>

```

```

        </xs:annotation>
      </xs:element>
      <xs:element name="ProductRIDName">
        <xs:annotation>
          <xs:documentation> RID product name as written
on the folding panel</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Numeric speed in load table, without
speed empty in km/h</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element ref="LoadTableStars" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of load table stars.
Currently recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="RouteClassPayloads"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RouteClass"/>
      <xs:element name="MaxPayload" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Maximum payload in tonns of
line category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

        <xs:fractionDigits value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of hand
brake</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
  <xs:element name="BrakeBlock" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Characteristics of brake
blocks</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="BrakeBlockName" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Name of the brake block type,
including the length in mm</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="256"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
          <xs:annotation>
            <xs:documentation> Indication if composite brake
blocks are retrofitted or originally equipped</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">

```

```

    <xs:annotation>
      <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="MaxLengthOfLoad" minOccurs="0">
    <xs:annotation>
      <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="LoadArea" minOccurs="0"/>
  <xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Height of the loading plane when wagon is
empty measured in mm</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="TypeOfRemovableAccessories">
          <xs:annotation>
            <xs:documentation>Specification of removable
accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"

```

```

99 = Other wagon accessories
</xs:documentation>
  </xs:annotation>
  </xs:element>
  <xs:element name="NumberOfAccessorOfSpecType"
type="Numeric2-2">
  <xs:annotation>
    <xs:documentation>Number of specified accessory
equipped on the wagon</xs:documentation>
  </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the
tare weight of the equipment in kg</xs:documentation>
  </xs:annotation>
  </xs:element>
  <xs:element name="VapourReturnSystem" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with
a vapour return system</xs:documentation>
  </xs:annotation>
  </xs:element>
  <xs:element ref="FerryPermittedFlag" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if wagon is permitted to be
used on ferries</xs:documentation>
  </xs:annotation>
  </xs:element>
  <xs:element name="FerryRampAngle" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Maximum allowed angle of the ferry ramp
(in grades: °)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="3"/>
      <xs:fractionDigits value="2"/>
    </xs:restriction>
  </xs:simpleType>
  </xs:element>
  <xs:element name="TemperatureRange" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Temperature Range</xs:documentation>
      </xs:annotation>
      <xs:element ref="MaxTemp"/>
      <xs:element ref="MinTemp"/>
    </xs:sequence>
  </xs:complexType>
  </xs:element>
  <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"

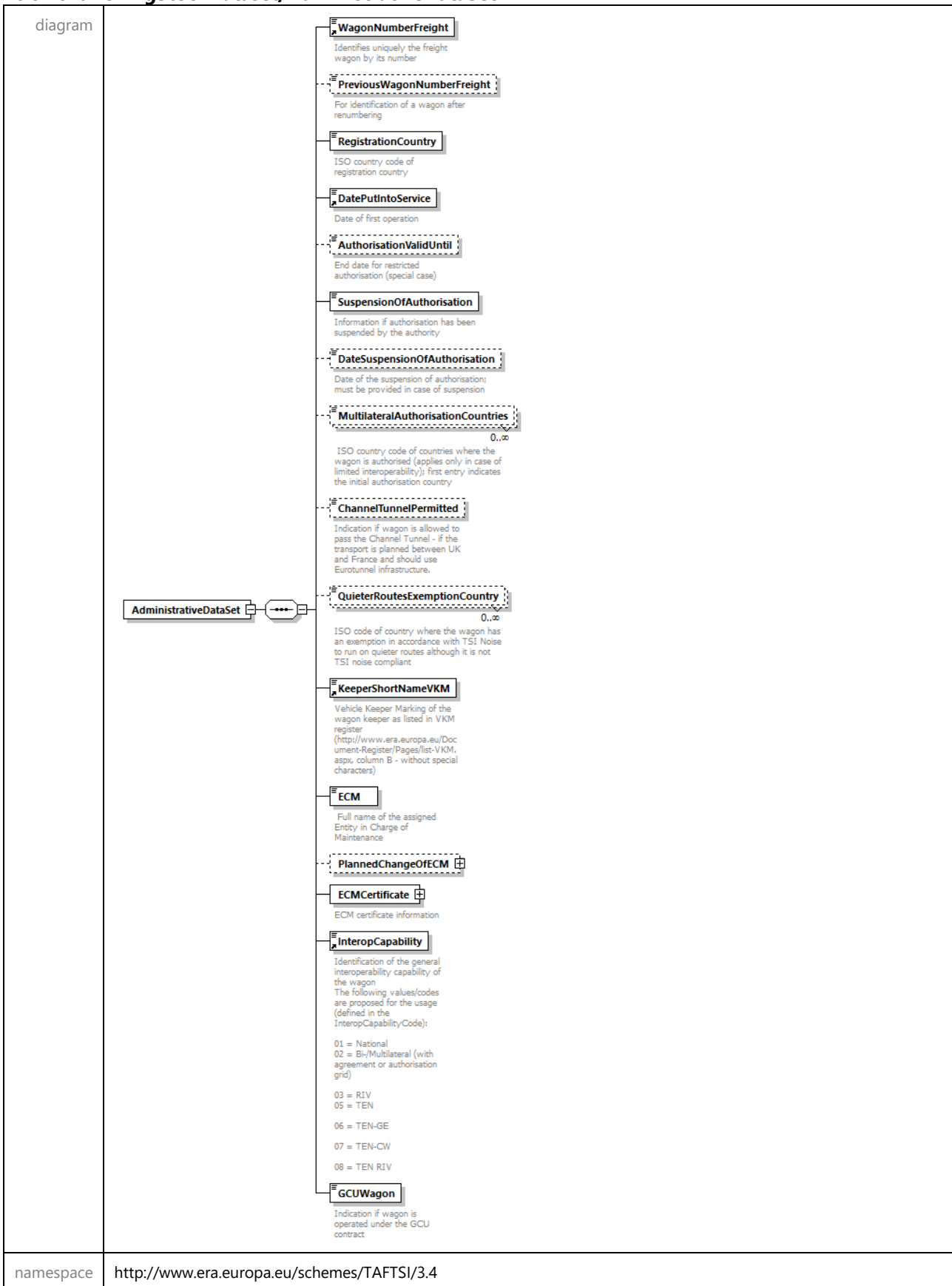
```

```

maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Restrictions relevant to wagon operations
in train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType,
according to 920-13: annotation will carry the information that only
technical parameters are allowed to be used here. Only the code numbers
should be in the annotation</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DateLastOverhaul">
  <xs:annotation>
    <xs:documentation>Date of the last overhaul, if yet no
overhaul date of putting into service</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="OverhaulValidityPeriod"/>
<xs:element ref="PermittedTolerance"/>
<xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
<xs:element name="DateOfNextTankInspection" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the next tank inspection, applies
only for tank wagons</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/AdministrativeDataSet**



properties	content complex
children	WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon
source	<pre> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChannelTunnelPermitted" type="xs:boolean" </pre>


```

minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CurrentECMAssignedUntil" type="xs:date">
        <xs:annotation>
          <xs:documentation> Date until the current Entity in Charge
of Maintenance is assigned to the wagon</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SubsequentECM">
        <xs:annotation>
          <xs:documentation> Full name of the following Entity in
Charge of Maintenance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">

```

```

<xs:annotation>
  <xs:documentation>ECM certificate information</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="EINNumber">
      <xs:annotation>
        <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="CountryCodeISO"/>
          <xs:element name="TypeDocumentEIN" type="Numeric2-2">
            <xs:annotation>
              <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric2-2"/>
          <xs:element name="EINYear" type="Numeric2-2"/>
          <xs:element name="EINCounter">
            <xs:simpleType>
              <xs:restriction base="xs:integer">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="9999"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="ECMCertificateValidFrom" type="xs:date">
      <xs:annotation>
        <xs:documentation>Certificate valid from
date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ECMCertificateValidTo" type="xs:date">
      <xs:annotation>
        <xs:documentation>Certificate valid to
date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
      <xs:annotation>
        <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
      <xs:annotation>
        <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>

```

```

</xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Identification if certificate has been
suspended for any reason</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of the ECM
certificate; must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
  <xs:annotation>
    <xs:documentation>Identification of the general interoperability
capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

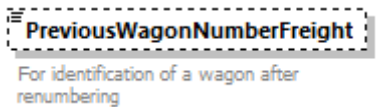
06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="GCUWagon" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Indication if wagon is operated under the GCU
contract</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

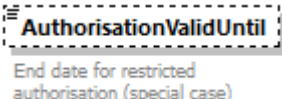
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	WagonIdent
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation For identification of a wagon after renumbering
source	<pre><xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of registration country
source	<pre><xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

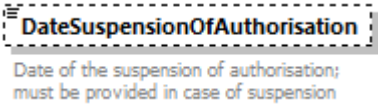
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)

source	<pre><xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element></pre>
--------	--


element **RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation Information if authorisation has been suspended by the authority
source	<pre><xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element></pre>


element **RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of authorisation; must be provided in case of suspension
source	<pre><xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre>

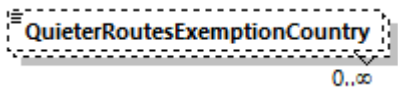
element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

diagram	 <p>ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country
source	<pre><xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element></pre>

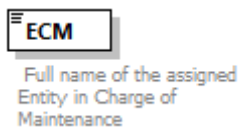
element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**

diagram	 <p>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.
source	<pre><xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

diagram	 <p>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	CountryIdentISO									
properties	minOcc 0 maxOcc unbounded content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant									
source	<pre><xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECM**

diagram	 <p>Full name of the assigned Entity in Charge of Maintenance</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the assigned Entity in Charge of Maintenance						
source	<pre><xs:element name="ECM"> <xs:annotation> <xs:documentation> Full name of the assigned Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType></pre>						

	<code></xs:element></code>
--	----------------------------------

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

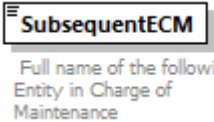
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple

annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<pre><xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the following Entity in Charge of Maintenance						
source	<pre><xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

<p>diagram</p>	<p>EINNumber ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p> <p>ECMCertificateValidFrom Certificate valid from date</p> <p>ECMCertificateValidTo Certificate valid to date</p> <p>CoversTankWagonsForDangerous... Certificate covers tank wagons for dangerous goods</p> <p>CoversNonTankWagonsForDange... Certificate covers other wagons specialised in transport of dangerous goods</p> <p>ECMCertificateSuspended Identification if certificate has been suspended for any reason</p> <p>DateECMCertificateSuspended Date of the suspension of the ECM certificate; must be provided in case of suspension</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended</p>
<p>annotation</p>	<p>documentation ECM certificate information</p>
<p>source</p>	<pre><xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: </pre>

```

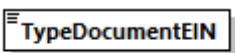
31, 34</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric2-2"/>
  <xs:element name="EINYear" type="Numeric2-2"/>
  <xs:element name="EINCounter">
    <xs:simpleType>
      <xs:restriction base="xs:integer">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="9999"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ECMCertificateValidFrom" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid from date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateValidTo" type="xs:date">
  <xs:annotation>
    <xs:documentation>Certificate valid to date</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers tank wagons for dangerous
goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Certificate covers other wagons specialised in
transport of dangerous goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Identification if certificate has been suspended
for any reason</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of the ECM certificate;
must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter</p>
<p>annotation</p>	<p>documentation ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p>
<p>source</p>	<pre> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**

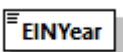
diagram	 Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Code List Candidate: 31, 34									
source	<pre><xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element></pre>									

element


RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognized Body

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
source	<pre><xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
source	<pre><xs:element name="EINYear" type="Numeric2-2"/></pre>									

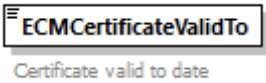
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9999									
source	<pre><xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
annotation	documentation Certificate valid from date
source	<pre><xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element></pre>


element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
annotation	documentation Certificate valid to date

source	<pre><xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---


element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

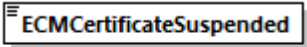
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre><xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element

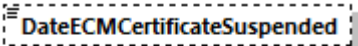
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre><xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

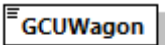
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

diagram	 <p>Identification if certificate has been suspended for any reason</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason
source	<pre><xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

diagram	 <p>Date of the suspension of the ECM certificate; must be provided in case of suspension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of the ECM certificate; must be provided in case of suspension
source	<pre><xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

diagram	 <p>Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract

source	<pre><xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element></pre>
--------	--

<p>children</p>	<p>LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase CouplingType BufferType NormalLoadingGauge MinCurveRadius MinVerticalRadiusYardHump WagonWeightEmpty LengthOverBuffers MaxAxleWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection</p>
<p>source</p>	<pre> <xs:element name="DesignDataSet"> <xs:complexType> <xs:sequence> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> <xs:element ref="NumberOfBogies" minOccurs="0"> <xs:annotation> <xs:documentation>Number of bogies for a wagon (applies for bogie wagons only)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BogiePitch" minOccurs="0"/> </pre>

```

<xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent bogie
    pitches in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent axles in
    mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following values
    are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2
    (130), L2 (150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to design
    characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
    kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.
    When load tables are marked on the wagon the information must be provided in
    the RSRD message.
    Several load tables (international, product specific for LPG wagons and
    additional/country specific) can be specified by providing the element
    several times consecutively.
    For special wagons with specific load tables (e.g. heavy haul wagons) no
    load table need to be provided.
    The complete load table must be provided including the empty load row (if
    existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>

```

```

<xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="ProductUNCode" type="Numeric4-4">
      <xs:annotation>
        <xs:documentation>UN code of product if product
specific load table</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ProductRIDName">
      <xs:annotation>
        <xs:documentation> RID product name as written on the
folding panel</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="256"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Numeric speed in load table, without speed
empty in km/h</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadTableStars" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of load table stars. Currently
recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
  </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RouteClassPayloads" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RouteClass"/>
      <xs:element name="MaxPayload" maxOccurs="unbounded">

```

```

        <xs:annotation>
          <xs:documentation>Maximum payload in tons of line
category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="4"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of hand brake</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
<xs:element name="BrakeBlock" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Characteristics of brake
blocks</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="BrakeBlockName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of the brake block type, including
the length in mm</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>

```

```

        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MaxLengthOfLoad" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadArea" minOccurs="0"/>
<xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfRemovableAccessories">
        <xs:annotation>
          <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher

```

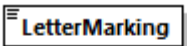
```

24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"
99 = Other wagon accessories
</xs:documentation>
  </xs:annotation>
</xs:element>
  <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2">
    <xs:annotation>
      <xs:documentation>Number of specified accessory equipped on
the wagon</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the tare
weight of the equipment in kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with a
vapour return system</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="FerryPermittedFlag" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="FerryRampAngle" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Maximum allowed angle of the ferry ramp (in
grades: °)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="3"/>
      <xs:fractionDigits value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="TemperatureRange" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Temperature Range</xs:documentation>
      </xs:annotation>
      <xs:element ref="MaxTemp"/>
      <xs:element ref="MinTemp"/>
    </xs:sequence>
  </xs:complexType>

```

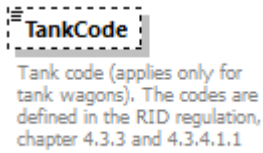

	<pre> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Restrictions relevant to wagon operations in train formation, yards or in trains due to design characteristics. Type will be the RestrictionCode instead of ForwardingRestrictionType, according to 920-13: annotation will carry the information that only the technical parameters are allowed to be used here. Only the code numbers should be in the annotation</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date of putting into service</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OverhaulValidityPeriod"/> <xs:element ref="PermittedTolerance"/> <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/LetterMarking**

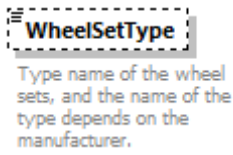
diagram	 <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>20</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	<p>documentation</p> <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
source	<pre> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The </pre>						

	<p>Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation></p> <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/TankCode**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 20
annotation	documentation Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1
source	<pre> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/WheelSetType**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	<p>documentation Type name of the wheel sets, and the name of the type depends on the manufacturer.</p>						
source	<pre><xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

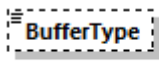
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric1-5									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	<p>documentation Largest distance between two adjacent bogie pitches in mm</p>									
source	<pre><xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	Numeric1-5						
properties	<table border="1"> <tbody> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	content	simple				
content	simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

	maxInclusive 99999
annotation	documentation Maximum distance between two adjacent axles in mm
source	<pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/BufferType**

diagram	 <p>Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)
source	<pre><xs:element name="BufferType" minOccurs="0"> <xs:annotation> <xs:documentation> Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable**

<p>diagram</p>	<p>LoadTable 0..∞</p> <p>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p> <p>LoadTableProduct 0..∞</p> <p>Product description, only applies for product-specific load tables</p> <p>LoadTableCountry 0..∞</p> <p>ISO country code of countries for additional load tables</p> <p>SpeedCategory 1..∞</p> <p>Numeric speed in load table, without speed empty in km/h</p> <p>LoadTableStars 1..∞</p> <p>Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p> <p>RouteClassPayloads 1..∞</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>LoadTableProduct LoadTableCountry SpeedCategory LoadTableStars RouteClassPayloads</p>
<p>annotation</p>	<p>documentation Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p>
<p>source</p>	<pre><xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and</pre>

additional/country specific) can be specified by providing the element several times consecutively.

For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.

The complete load table must be provided including the empty load row (if existent).

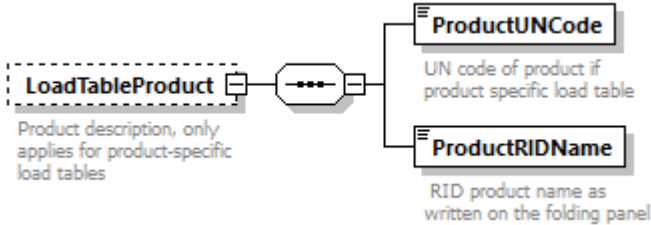
```

</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LoadTableProduct" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ProductUNCode" type="Numeric4-4">
            <xs:annotation>
              <xs:documentation>UN code of product if product specific load table</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="ProductRIDName">
            <xs:annotation>
              <xs:documentation> RID product name as written on the folding panel</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>ISO country code of countries for additional load tables</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Number of load table stars. Currently recognized values/codes:
        1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions
        2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

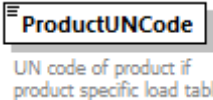
	<p>3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>ProductUNCode ProductRIDName</p>
<p>annotation</p>	<p>documentation Product description, only applies for product-specific load tables</p>
<p>source</p>	<pre> <xs:element name="LoadTableProduct" minOccurs="0"> <xs:annotation> <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ProductUNCode" type="Numeric4-4"> </pre>

	<pre> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric4-4									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation UN code of product if product specific load table									
source	<pre> <xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName**

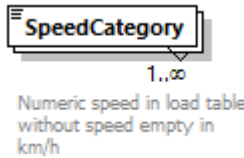
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	content simple

facets	Kind Value Annotation maxLength 256
annotation	documentation RID product name as written on the folding panel
source	<pre><xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of countries for additional load tables
source	<pre><xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for additional load tables</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	Numeric1-5

properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Numeric speed in load table, without speed empty in km/h
source	<pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<p>The diagram shows a container element RouteClassPayloads with a cardinality of 1..∞. It contains a sequence of two child elements: RouteClass and MaxPayload, both with a cardinality of 1..∞. The RouteClass element is described as: "Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes." The MaxPayload element is described as: "Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 1 maxOcc unbounded content complex
children	RouteClass MaxPayload
source	<pre><xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"></pre>

	<pre> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	minOcc 1 maxOcc unbounded content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	documentation Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory									
source	<pre> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	DerailmentDetectionDevice						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>EDT 101</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EDT 101	
Kind	Value	Annotation					
enumeration	EDT 101						

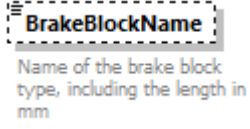
	enumeration MDV 100 enumeration Non coded device
source	<code><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></code>

element **RollingStockDataset/DesignDataSet/BrakeBlock**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate
annotation	documentation Characteristics of brake blocks
source	<pre> <xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation> <xs:documentation>Characteristics of brake blocks</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Name of the brake block type, including the length in mm						
source	<pre> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

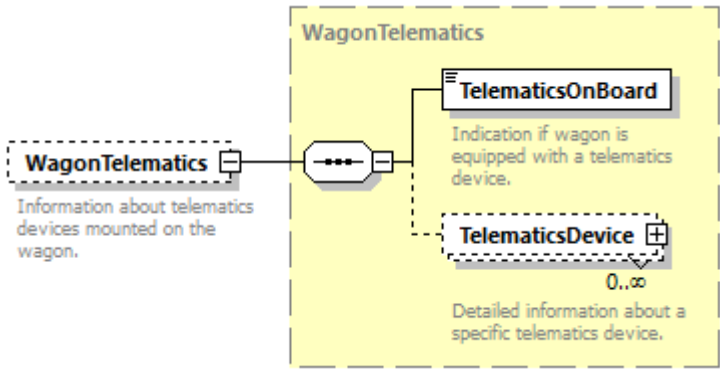
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted </pre>

	<pre> or originally equipped</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

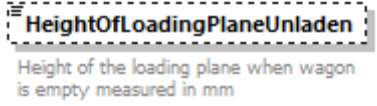
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of composite brake block installation, for originally equipped wagon = date put into service
source	<pre> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/WagonTelematics**

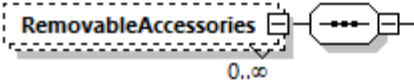
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	WagonTelematics
properties	minOcc 0 maxOcc 1 content complex
children	TelematicsOnBoard TelematicsDevice
annotation	documentation Information about telematics devices mounted on the wagon.
source	<pre> <xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Information about telematics devices mounted on the wagon.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre></xs:annotation> </xs:element></pre>
--	---

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Height of the loading plane when wagon is empty measured in mm									
source	<pre><xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Height of the loading plane when wagon is empty measured in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

<p>diagram</p>	 <div data-bbox="751 297 1098 331" style="border: 1px solid black; padding: 2px;"> <p>TypeOfRemovableAccessories</p> </div> <p>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories <div data-bbox="751 1451 1114 1485" style="border: 1px solid black; padding: 2px;"> <p>NumberOfAccessorOfSpecType</p> </div> <p>Number of specified accessory equipped on the wagon</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>TypeOfRemovableAccessories NumberOfAccessorOfSpecType</p>
<p>source</p>	<pre><xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion</pre>

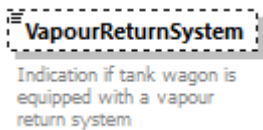
	<p>02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RollingStockDataSet/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									

annotation	documentation Number of specified accessory equipped on the wagon
source	<pre><xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<pre><xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>3</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	3		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	3									
fractionDigits	2									
annotation	documentation Maximum allowed angle of the ferry ramp (in grades: °)									
source	<pre><xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction base="xs:decimal"> <xs:totalDigits value="3"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	MaxTemp MinTemp
source	<pre> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons
source	<pre> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </pre>

`</xs:element>`

element **RollingStockDatasetMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader RollingStockDataset RefusedWagonNumbers</p>
<p>annotation</p>	<p>documentation Rolling Stock administrative and Technical Dataset</p>
<p>source</p>	<pre> <xs:element name="RollingStockDatasetMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

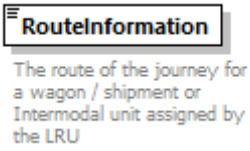
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc unbounded content complex
children	WagonNumberFreight RefusalCode KeeperShortNameVKM
source	<pre><xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RollingStockDatasetQueryMessage**

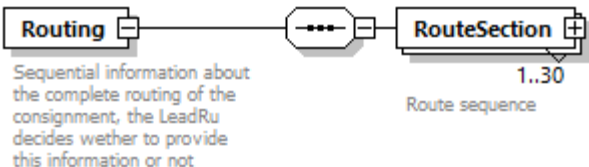
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre><xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element RouteInformation

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU									
source	<pre> <xs:element name="RouteInformation" type="FreeText"> <xs:annotation> <xs:documentation>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</xs:documentation> </xs:annotation> </xs:element> </pre>									

element Routing

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	RouteSection
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	<pre> <xs:element name="Routing"> <xs:annotation> <xs:documentation>Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> </pre>

```

    <xs:documentation>Route sequence</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="80"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>

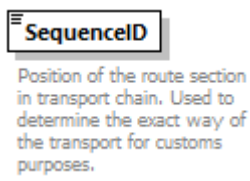
```

element **Routing/RouteSection**

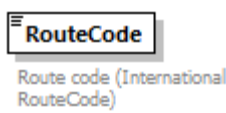
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 1 maxOcc 30 content complex</p>
<p>children</p>	<p>SequenceID RouteCode RouteText</p>
<p>annotation</p>	<p>documentation Route sequence</p>
<p>source</p>	<pre> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **Routing/RouteSection/SequenceID**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Routing/RouteSection/RouteCode**

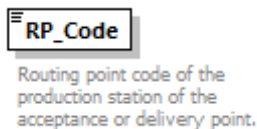
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*0</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]\d*0	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]\d*0									
annotation	documentation Route code (International RouteCode)									
source	<pre> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> </pre>									

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **Routing/RouteSection/RouteText**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RP_Code**

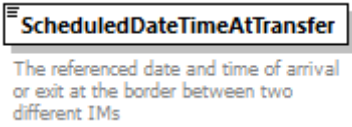
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint ProductionStation
facets	Kind Value Annotation length 5

annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<pre><xs:element name="RP_Code"> <xs:annotation> <xs:documentation>Routing point code of the production station of the acceptance or delivery point. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RU_Partner**

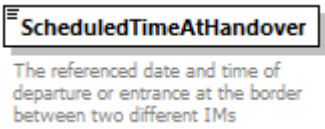
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking												
source	<pre><xs:element name="RU_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ScheduledDateTimeAtTransfer**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The referenced date and time of arrival or exit at the border between two different IMs
source	<pre><xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"></pre>

	<pre> <xs:annotation> <xs:documentation>The referenced date and time of arrival or exit at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **ScheduledTimeAtHandover**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The referenced date and time of departure or entrance at the border between two different IMs
source	<pre> <xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of departure or entrance at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element> </pre>

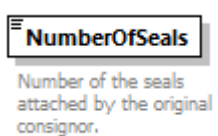
element **ScheduledTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<pre> <xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</xs:documentation> </xs:annotation> </xs:element> </pre>

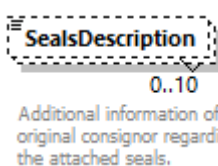
element **Seals**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>NumberOfSeals SealsDescription</p>
<p>used by</p>	<p>elements ILU Details ITU Details Wagons/WagonDetails</p>
<p>annotation</p>	<p>documentation Describes the seals used for the consignment</p>
<p>source</p>	<pre> <xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Seals/NumberOfSeals**

diagram	 <p>Number of the seals attached by the original consignor.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		totalDigits	2	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	2									
annotation	documentation Number of the seals attached by the original consignor.									
source	<pre> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Seals/SealsDescription**

diagram	 <p>0..10 Additional information of the original consignor regarding the attached seals.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>10</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	10	content	simple			
minOcc	0									
maxOcc	10									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation Additional information of the original consignor regarding the attached seals.									
source	<pre> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>									

```
<xs:maxLength value="10"/>
<xs:minLength value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

element **Sender**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4					
type	extension of CompanyCode					
properties	content complex					
used by	element MessageHeader					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation documentation
	CI_InstanceNumber	Numeric2-2				Number of a Common Interface Instance for the same Company
annotation	documentation The sender of the message					
source	<pre><xs:element name="Sender"> <xs:annotation> <xs:documentation>The sender of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>					

element **SenderReference**

diagram	
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	content simple									
used by	element MessageHeader									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation reference used by the sender (e.g. FTP file name)									
source	<pre><xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Ship**

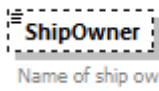
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	elements ILU Details ITU Details Wagons/WagonDetails
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre><xs:element name="Ship"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselIndication"/> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

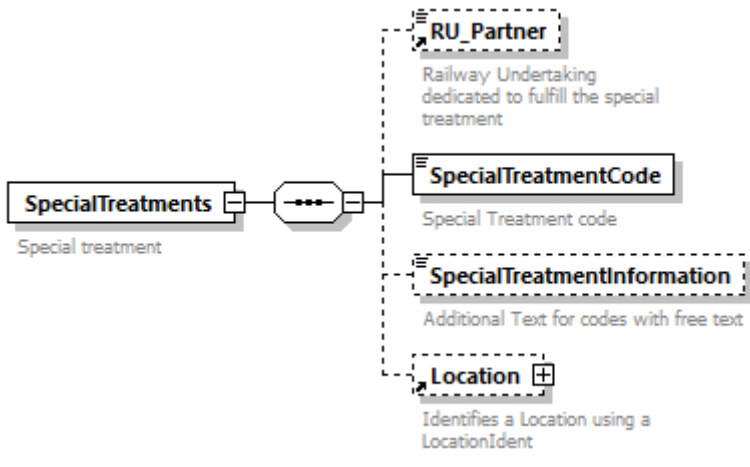
element **Ship/HarbourName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of harbour, where the transport will be handed over to a ship.									
source	<pre> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Ship/ShipOwner**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of ship owner.									
source	<pre> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **SpecialTreatments**

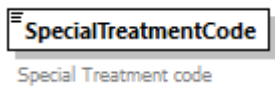
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	RU Partner SpecialTreatmentCode SpecialTreatmentInformation Location
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
annotation	documentation Special treatment
source	<pre> <xs:element name="SpecialTreatments"> <xs:annotation> </pre>

```

<xs:documentation>Special treatment</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="RU_Partner" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Railway Undertaking dedicated to fulfill the
special treatment</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpecialTreatmentCode">
      <xs:annotation>
        <xs:documentation>Special Treatment code</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="2"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SpecialTreatmentInformation" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="40"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **SpecialTreatments/SpecialTreatmentCode**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						
annotation	documentation Special Treatment code						
source	<pre> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs:simpleType> </pre>						

	<pre> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **SpecialTreatments/SpecialTreatmentInformation**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>40</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	40	
Kind	Value	Annotation								
minLength	1									
maxLength	40									
annotation	documentation Additional Text for codes with free text									
source	<pre> <xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **SRID**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	content simple						
used by	element GeographicCoordinates						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	[0-9]{4}	
Kind	Value	Annotation					
pattern	[0-9]{4}						
annotation	documentation ID of coordinates system used (EPSG code)						
source	<pre> <xs:element name="SRID"> <xs:annotation> </pre>						

	<pre> <xs:documentation>ID of coordinates system used (EPSG code)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9]{4}" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDate" type="xs:date"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre>

element **StartDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre>

element **StartLocation**

<p>diagram</p>	<p>The diagram illustrates the structure of the StartLocation element. It is connected to a complex type named LocationIdent. The StartLocation element is described as the 'Starting point of section or segment'. The LocationIdent complex type contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>annotation</p>	<p>documentation Starting point of section or segment</p>
<p>source</p>	<pre><xs:element name="StartLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Starting point of section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **Station**

<p>diagram</p>	<p>The diagram illustrates the structure of the Station element. It is connected to a complex type named LocationIdent (extension). The Station element is described as 'Details of station serving the point'. The LocationIdent (extension) complex type contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location).</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>

type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of station serving the point
source	<pre><xs:element name="Station"> <xs:annotation> <xs:documentation>Details of station serving the point</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element></pre>

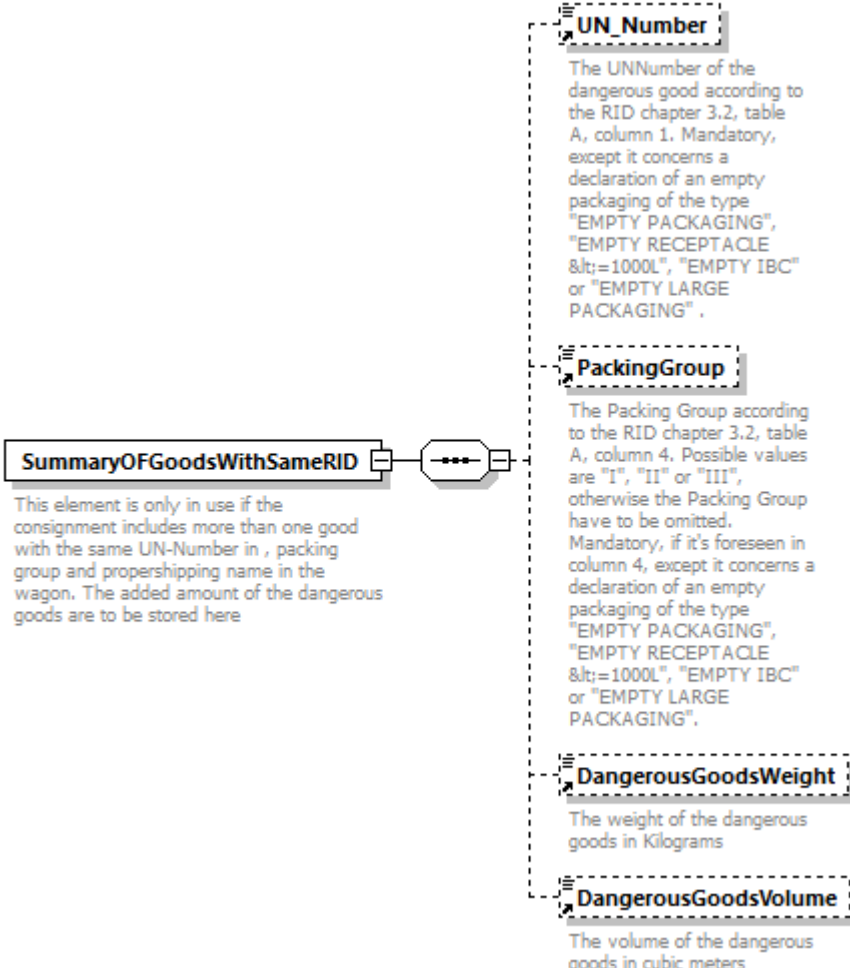
element **StatusOfDocument**

diagram	 <p>Enumerated value for the status of the attached document</p> <p>1 = not electronical attached</p> <p>2 embedded in ECTD, ECN or PCN ...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	content simple									
used by	element ConsignmentOrderMessage/COMS/COM/AttachedDocuments									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	2		enumeration	1	
Kind	Value	Annotation								
enumeration	2									
enumeration	1									
annotation	documentation Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN									
source	<pre><xs:element name="StatusOfDocument"> <xs:annotation> <xs:documentation> Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN </xs:documentation> </xs:annotation> </xs:element></pre>									

```

</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="2"/>
    <xs:enumeration value="1"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **SummaryOfGoodsWithSameRID**

<p>diagram</p>	 <p>UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerousGoodsWeight The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume The volume of the dangerous goods in cubic meters</p> <p>SummaryOfGoodsWithSameRID This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>UN Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume</p>
<p>used by</p>	<p>elements ILU ITU RollingRoadUnit Wagons</p>
<p>annotation</p>	<p>documentation This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</p>
<p>source</p>	<pre> <xs:element name="SummaryOfGoodsWithSameRID"> <xs:annotation> <xs:documentation>This element is only in use if the consignment </pre>

includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="UN_Number" minOccurs="0"/>
    <xs:element ref="PackingGroup" minOccurs="0"/>
    <xs:element ref="DangerousGoodsWeight" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="DangerousGoodsVolume" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **TechnicalForwardingRestrictions**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>TechnicalForwardingRestrictions</p> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p style="text-align: right;">F =</p> <p>Freight P = Passenger T = Technical D = Damage L = Load</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">F or P</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: right;">T</td> </tr> <tr> <td>D</td> <td>L</td> <td></td> </tr> <tr> <td>07</td> <td>F</td> <td>Shunt only when hand brake operable with ground staff</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x</td> </tr> <tr> <td>11</td> <td>F</td> <td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x</td> </tr> <tr> <td>12</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x</td> </tr> <tr> <td>13</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 17,50 metres</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x</td> </tr> <tr> <td>15</td> <td>F</td> <td>Wagon not allowed over the hump</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x</td> </tr> <tr> <td>16</td> <td>F</td> <td>Do not fly shunt or gravity shunt (3 red triangles)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">x...</td> </tr> </tbody> </table> </div>	Code	F or P	Description			T	D	L		07	F	Shunt only when hand brake operable with ground staff			x	11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres			x	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres			x	13	F	Bogie wagon with distance between wheels of more than 17,50 metres			x	15	F	Wagon not allowed over the hump			x			x	16	F	Do not fly shunt or gravity shunt (3 red triangles)			x...
Code	F or P	Description																																															
		T																																															
D	L																																																
07	F	Shunt only when hand brake operable with ground staff																																															
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11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres																																															
		x																																															
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres																																															
		x																																															
13	F	Bogie wagon with distance between wheels of more than 17,50 metres																																															
		x																																															
15	F	Wagon not allowed over the hump																																															
		x																																															
		x																																															
16	F	Do not fly shunt or gravity shunt (3 red triangles)																																															
		x...																																															
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>																																																

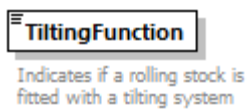
type	RestrictionCodes		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
	enumeration	08	documentation F - Tank wagon loaded with liquid
	enumeration	09	documentation F - Wagon loaded with people
	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
	enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
	enumeration	15	documentation F - Wagon not allowed over the hump
	enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
	enumeration	18	documentation F - Must not use active braking equipment
	enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
	enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
	enumeration	31	documentation P (+F) - Braking system fault
	enumeration	32	documentation P (+F) - Wheelset, bogie fault
	enumeration	33	documentation P (+F) - Headlighting or back lighting fault
	enumeration	34	documentation P (+F) - Front glass broken
	enumeration	35	documentation P (+F) - Horn fault
	enumeration	36	documentation P (+F) - Radio fault
	enumeration	37	documentation P (+F) - Energy supply fault
	enumeration	38	documentation P (+F) - Traction or motor fault
	enumeration	39	documentation P - Access door fault
	enumeration	41	documentation F - Place this wagon at the front of the train
	enumeration	42	documentation F - Place this wagon at the rear of the train
	enumeration	50	documentation P (+F) - Speed restriction
	enumeration	52	documentation P (+F) - Diesel locomotive instead of electric locomotive
	enumeration	61	documentation F - Wagon forming part of a consignment of several wagons
	enumeration	62	documentation F - Wagon forming part of a group of wagons from which it must not be separated
	enumeration	63	documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
	enumeration	68	documentation

	<p>enumeration 70 F - First or last wagon of a wagon group from which it must not be separated documentation</p> <p>enumeration 71 F - Shunt with care (1 red triangle) documentation</p> <p>enumeration 90 F - Shunt with special care (2 red triangle) documentation</p> <p>enumeration 91 P - Train planned with passengers operated without passengers documentation</p> <p>enumeration 92 P - Train planned without passengers operated with passengers documentation</p> <p>enumeration 94 P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation</p> <p>enumeration 99 F - Gas carrying wagon without orange side stripe documentation</p> <p>P - Other</p>																																																												
<p>annotation</p>	<p>documentation</p> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p style="text-align: right;">F = Freight</p> <p>P = Passenger T = Technical D = Damage L = Load</p> <table border="1"> <thead> <tr> <th>Code</th> <th>F or P</th> <th>Description</th> <th>T</th> <th>D</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>07</td> <td>F</td> <td>Shunt only when hand brake operable with ground staff</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>F</td> <td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>12</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>13</td> <td>F</td> <td>Bogie wagon with distance between wheels of more than 17,50 metres</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>F</td> <td>Wagon not allowed over the hump</td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>F</td> <td>Do not fly shunt or gravity shunt (3 red triangles)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>F</td> <td>Must not use active braking equipment</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>25</td> <td>F</td> <td>Gas carrying tank wagon with orange side stripe</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>41</td> <td>F</td> <td>Place this wagon at the front of the train</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Code	F or P	Description	T	D	L	07	F	Shunt only when hand brake operable with ground staff				11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres			x	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres			x	13	F	Bogie wagon with distance between wheels of more than 17,50 metres				15	F	Wagon not allowed over the hump				16	F	Do not fly shunt or gravity shunt (3 red triangles)				18	F	Must not use active braking equipment			x	25	F	Gas carrying tank wagon with orange side stripe			x	41	F	Place this wagon at the front of the train			
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25	F	Gas carrying tank wagon with orange side stripe			x																																																								
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	<table border="0"> <tr> <td>42</td> <td>x F</td> <td>x</td> <td>x</td> <td>Place this wagon at the rear of the train</td> </tr> <tr> <td>63</td> <td>x F (+P)</td> <td>x</td> <td>x</td> <td>Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one</td> </tr> <tr> <td>70</td> <td>F</td> <td></td> <td></td> <td>Shunt with care (1 red triangle)</td> </tr> <tr> <td>71</td> <td>F</td> <td></td> <td>x x x</td> <td>Shunt with special care (2 red triangle)</td> </tr> <tr> <td>94</td> <td>x F</td> <td>x</td> <td>x</td> <td>Gas carrying wagon without orange side stripe</td> </tr> </table> <p style="text-align: right;">x</p>	42	x F	x	x	Place this wagon at the rear of the train	63	x F (+P)	x	x	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	70	F			Shunt with care (1 red triangle)	71	F		x x x	Shunt with special care (2 red triangle)	94	x F	x	x	Gas carrying wagon without orange side stripe
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71	F		x x x	Shunt with special care (2 red triangle)																						
94	x F	x	x	Gas carrying wagon without orange side stripe																						
source	<pre><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"> <xs:annotation> <xs:documentation>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920- 13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element. F = Freight P = Passenger T = Technical D = Damage L = Load Code F or P Description T D L 07 F Shunt only when hand brake operable with ground staff x x 11 F Wagon other than bogie wagon with wheelbase of more than 9 metres x 12 F Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres x 13 F Bogie wagon with distance between wheels of more than 17,50 metres x 15 F Wagon not allowed over the hump x x x 16 F Do not fly shunt or gravity shunt (3 red triangles)</pre>																									

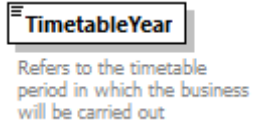
18	F	<pre> x x x Must not use active braking equipment </pre>
25	F	<pre> x Gas carrying tank wagon with orange side stripe </pre>
41	F	<pre> x Place this wagon at the front of the train </pre>
42	F	<pre> x x x Place this wagon at the rear of the train </pre>
63	F (+P)	<pre> x x x Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one </pre>
70	F	<pre> x x Shunt with care (1 red triangle) </pre>
71	F	<pre> x x x Shunt with special care (2 red triangle) </pre>
94	F	<pre> x x x Gas carrying wagon without orange side stripe </pre>
		<pre> x </xs:documentation> </xs:annotation> </xs:element> </pre>

element **TiltingFunction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates if a rolling stock is fitted with a tilting system
source	<pre> <xs:element name="TiltingFunction" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a rolling stock is fitted with a tilting system</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre></xs:annotation> </xs:element></pre>
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element **TimetableYear**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>2012</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>2097</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	2012		maxInclusive	2097	
Kind	Value	Annotation								
minInclusive	2012									
maxInclusive	2097									
annotation	<p>documentation Refers to the timetable period in which the business will be carried out</p>									
source	<pre><xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TimingAtLocation**

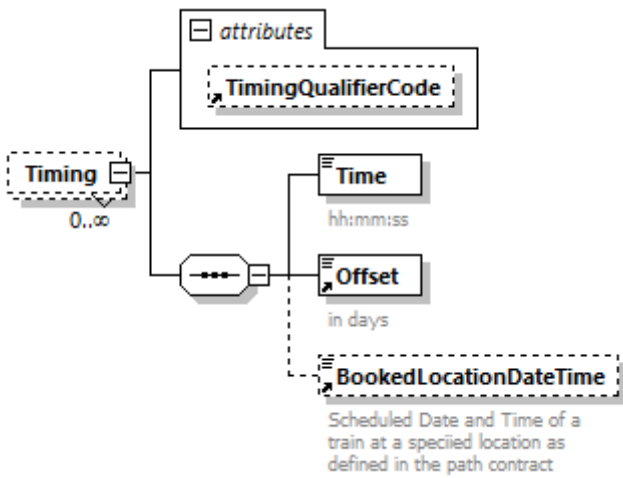
<p>diagram</p>	 <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Timing DwellTime</p>
<p>used by</p>	<p>elements AssociatedAttachedTimingAtLocation PlannedJourneyLocation</p>
<p>annotation</p>	<p>documentation Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
<p>source</p>	<pre><xs:element name="TimingAtLocation"> <xs:annotation> <xs:documentation>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</pre>


```

        </xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Time">
            <xs:annotation>
              <xs:documentation>hh:mm:ss</xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:simpleContent>
                <xs:extension base="xs:time"/>
              </xs:simpleContent>
            </xs:complexType>
          </xs:element>
          <xs:element ref="Offset">
            <xs:annotation>
              <xs:documentation>in days</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
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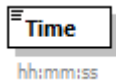
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element **TimingAtLocation/Timing**

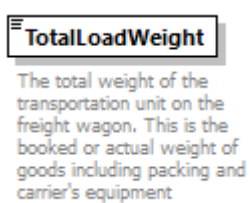
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>Time Offset BookedLocationDateTime</p>

attributes	Name	Type	Use	Default	Fixed	Annotation
	TimingQualifierCode	derived by: xs:token				
source	<pre> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> </pre>					


element **TimingAtLocation/Timing/Time**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	extension of xs:time
properties	content complex
annotation	documentation hh:mm:ss
source	<pre> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **TotalLoadWeight**

diagram	 <p>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
used by	element WagonOperationalData												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment												
source	<pre><xs:element name="TotalLoadWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TotalWeight**

diagram	 <p>Total weight of the loaded wagon [kg].</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/WagonDetails WagonInformation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loaded wagon [kg].												
source	<pre><xs:element name="TotalWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loaded wagon [kg]. </xs:documentation> </xs:annotation> </xs:element></pre>												

element **TractionDetails**

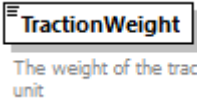
<p>diagram</p>	<p>TractionDetails Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p> <p>LocoTypeNumber Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> <p>TypeOfUsedHybridPowerunit Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive</p> <p>TractionMode Identifies the mode of deployment of a traction unit within a train</p> <p>TractionWeight Check with group to see if it is for sum or individual - check TAP</p> <p>Length Length in millimetres - Used for TAP</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LocoTypeNumber TypeOfUsedHybridPowerunit TractionMode TractionWeight Length</p>
<p>used by</p>	<p>element PlannedTrainTechnicalData</p>
<p>annotation</p>	<p>documentation Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p>
<p>source</p>	<pre><xs:element name="TractionDetails"> <xs:annotation> <xs:documentation>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocoTypeNumber"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionMode" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction unit within a train</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:annotation> </xs:element> <xs:element ref="TractionWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in millimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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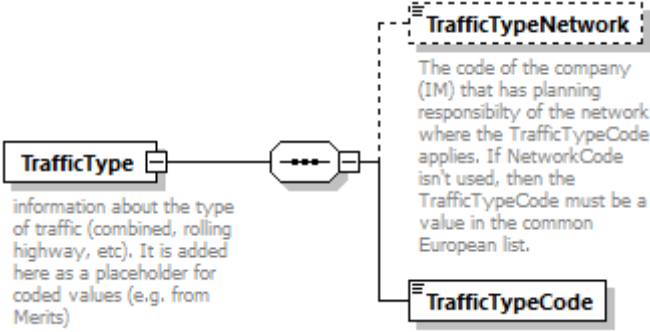
element **TractionPositionInTrain**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection/LocIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.									
source	<pre> <xs:element name="TractionPositionInTrain"> <xs:annotation> <xs:documentation>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TractionWeight**

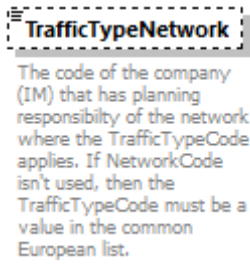
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	WeightValueTonne									
properties	content simple									
used by	element TractionDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The weight of the traction unit									
source	<pre><xs:element name="TractionWeight" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The weight of the traction unit</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrafficType**

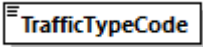
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	TrafficTypeNetwork TrafficTypeCode
used by	element PlannedTrainData
annotation	documentation information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)
source	<pre><xs:element name="TrafficType"> <xs:annotation> <xs:documentation>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"></pre>

	<pre> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrafficType/TrafficTypeNetwork**

diagram	 <p>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.												
source	<pre> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **TrafficType/TrafficTypeCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
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annotation	documentation Since the activities can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.
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element **TrainActivityType**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>

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midway for several hours

0019 Mail/parcel services RU

0020 shunting RU actual activity of shunting

0021 shunting service RU Request for shunting service (if offered by the IM or a third party)

0022 Terminal service (terminal in the meaning of final destination) RU
Request for services at the end of a train run (if offered by the IM or a third party)

0023 Loco driver change RU

0024 Loco driver break RU legal issue, e.g. to respect working law

0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed

0026 Custom and passport facilities RU

0027 Other stop reason (miscellaneous) RU/IM

0028 Boarding onlyRU

0029 Disembarking only RU

0030 Stop on request RU

0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may used to indicate that the train cannot continue before the published arrival time in case of an early arrival.

0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked

0033 No waiting for connection RU

0034 Watering RU Indicates the IM that a track with water access will be needed.

0035 Heating Indicates the IM that a track with heating equipment will be needed.

0036 Cleaning / disinfecting RU

0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps

0038 Treatment of perishable goods RU Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off

0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections

0040 Run Through (Passing Time)IM

0041 Photo run-by / Photo-stop

0042 Train Waiting Waiting according to local rules

0043 Train running with another train RU Where trains have been attached at a previous location on the schedule

0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU

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0049 Loco battery charging

National / company codes:
Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code

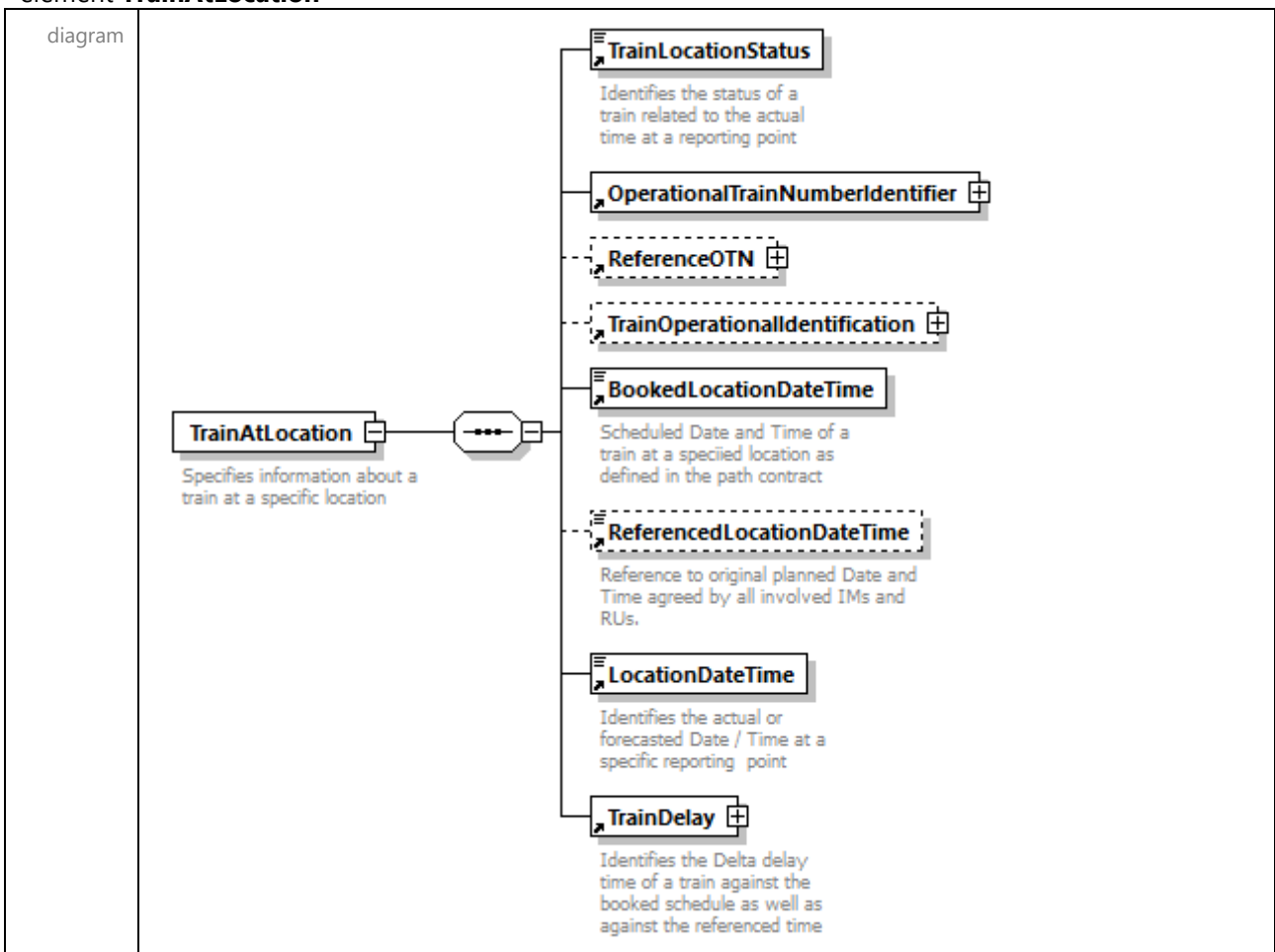
CZ01 Stops from new stop opening day

UK55 Stop shorter than 1/2 min

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IT72 Train report stop cancelled
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element **TrainAtLocation**

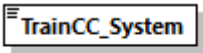


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used by	element TrainForecastAtReportingLocationMessage
annotation	documentation Specifies information about a train at a specific location
source	<code><xs:element name="TrainAtLocation"> <xs:annotation> <xs:documentation>Specifies information about a train at a specific</code>

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location</xs:documentation>
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element **TrainCC_System**

diagram	 <p>Identifies the command control system of the train in coded values.</p>																																																																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																																					
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enumeration	22																																																																					

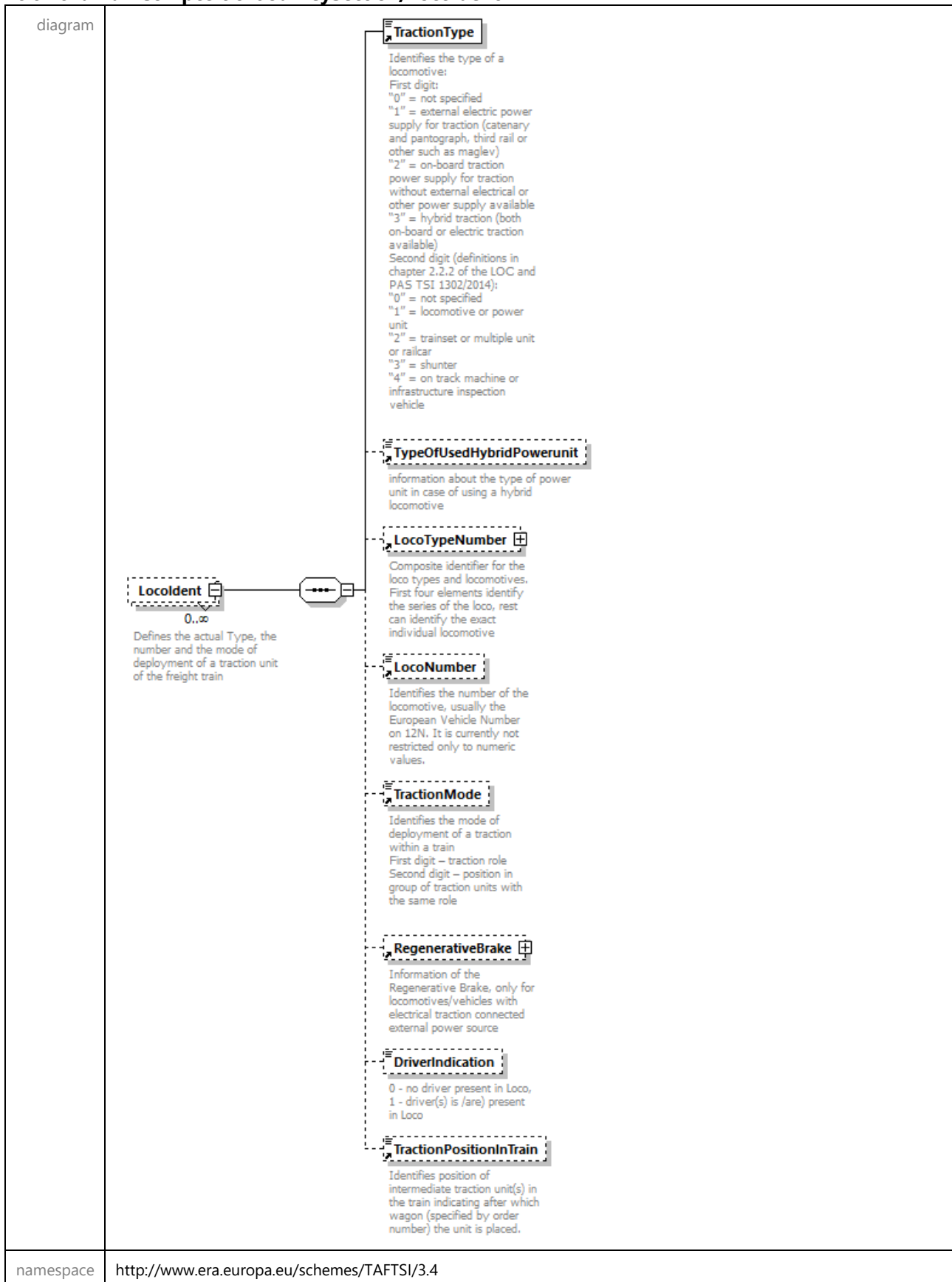
	<p>enumeration 23</p> <p>enumeration 24</p> <p>enumeration 25</p> <p>enumeration 26</p> <p>enumeration 27</p> <p>enumeration 28</p> <p>enumeration 29</p> <p>enumeration 30</p> <p>enumeration 31</p> <p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p> <p>enumeration 35</p> <p>enumeration 36</p> <p>enumeration 37</p> <p>enumeration 38</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 44</p> <p>enumeration 45</p> <p>enumeration 46</p> <p>enumeration 47</p> <p>enumeration 48</p> <p>enumeration 49</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p>
annotation	<p>documentation</p> <p>Identifies the command control system of the train in coded values.</p>
source	<pre><xs:element name="TrainCC_System" type="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Identifies the command control system of the train in coded values.</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainCompositionJourneySection**

<p>diagram</p>	<p>TrainCompositionJourneySection Defines the make up of a train for each section of its journey</p> <p>JourneySection Defines the data provided by the IM for a journey section</p> <p>TrainRunningData Train relevant data for a running train</p> <p>Locolent 0..∞ Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</p> <p>LivestockOrPeopleIndicator Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</p> <p>WagonData 0..∞ Wagon relevant data for the wagons within a running train</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>JourneySection TrainRunningData Locolent LivestockOrPeopleIndicator WagonData</p>
<p>used by</p>	<p>element TrainCompositionMessage</p>
<p>annotation</p>	<p>documentation Defines the make up of a train for each section of its journey</p>
<p>source</p>	<pre><xs:element name="TrainCompositionJourneySection"> <xs:annotation> <xs:documentation>Defines the make up of a train for each section of its journey</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySection"/> <xs:element ref="TrainRunningData"/> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> </pre>

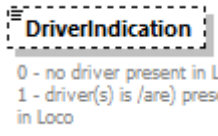
```
<xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
<xs:element ref="LocoTypeNumber" minOccurs="0"/>
<xs:element ref="LocoNumber" minOccurs="0"/>
<xs:element ref="TractionMode" minOccurs="0"/>
<xs:element ref="RegenerativeBrake" minOccurs="0"/>
<xs:element name="DriverIndication" minOccurs="0">
  <xs:annotation>
    <xs:documentation>0 - no driver present in Loco, 1 -
driver(s) is /are) present in Loco</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="TractionPositionInTrain" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LivestockOrPeopleIndicator" minOccurs="0"
maxOccurs="1"/>
<xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainCompositionJourneySection/Locident**



properties	minOcc 0 maxOcc unbounded content complex
children	TractionType TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber TractionMode RegenerativeBrake DriverIndication TractionPositionInTrain
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train
source	<pre> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element ref="RegenerativeBrake" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainCompositionJourneySection/LocIdent/DriverIndication**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco									

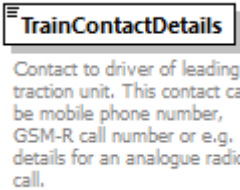
source	<pre> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--------	--

element **TrainCompositionMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereelM TrainCompositionJourneySection
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.
source	<pre> <xs:element name="TrainCompositionMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM defining the composition of the proposed train.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainContactDetails**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	CommunicationRefID									
properties	content simple									
used by	element TrainReadyMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.									
source	<pre> <xs:element name="TrainContactDetails" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **TrainDelay**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>AgainstBooked AgainstReferenced</p>
<p>used by</p>	<p>elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus</p>
<p>annotation</p>	<p>documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p>
<p>source</p>	<pre><xs:element name="TrainDelay"> <xs:annotation> <xs:documentation>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="AgainstBooked" minOccurs="0"/> <xs:element ref="AgainstReferenced" minOccurs="0"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainDelayCauseMessage**

<p>diagram</p>	<p>The diagram shows the structure of the TrainDelayCauseMessage element. It is a complex type containing several other elements. The main element is TrainDelayCauseMessage, which is described as: "This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed". It contains the following elements:</p> <ul style="list-style-type: none"> MessageHeader: Used for all messages. MessageStatus: Assigned by the Sender. 1=creation, 2=modification, 3=deletion. TrainOperationalIdentification: (Dashed box) OperationalTrainNumberIdentifier: (Dashed box) ReferenceOTN: (Dashed box) ResponsibleRU: RU Responsible for the physical operation of the train or wagon. DelayEventReport: Provides the detailed information about a single delay event (Replaced Delay/ReasonReport). TransferPoint: Transfer point or station of destination in the considered network. TransfereelM: Next IM.
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed</p>
<p>source</p>	<pre><xs:element name="TrainDelayCauseMessage"> <xs:annotation> <xs:documentation>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="DelayEventReport"/> </xs:sequence> </xs:complexType> </xs:element></pre>

```

<xs:element ref="TransferPoint" minOccurs="0"/>
<xs:element ref="TransfereeIM" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **TrainForecastAtReportingLocationMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus Location TrainAtLocation</p>
<p>annotation</p>	<p>documentation This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.</p>
<p>source</p>	<pre> <xs:element name="TrainForecastAtReportingLocationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="Location"/> <xs:element ref="TrainAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainID**

<p>diagram</p>	<p>CompositIdentifierOperationalType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>CompositIdentifierOperationalType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>elements ArrivalInterchangeReport DepartureInterchangeReport</p>
<p>source</p>	<pre><xs:element name="TrainID" type="CompositIdentifierOperationalType"/></pre>

element **TrainInformation**

<p>diagram</p>	<pre> classDiagram class TrainInformation { PlannedJourneyLocation 2..∞ PlannedCalendar PathPlanningReferenceLocation } </pre> <p>PlannedJourneyLocation 2..∞ Any operation point along a train journey</p> <p>PlannedCalendar This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be always present. Applications have to provide the data accordingly.</p> <p>PathPlanningReferenceLocation It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation</p>
<p>used by</p>	<p>element PathRequestMessage</p>
<p>annotation</p>	<p>documentation Train information provided by the RUs as an overview for the entire train journey from origin to destination</p>
<p>source</p>	<pre> <xs:element name="TrainInformation"> <xs:annotation> <xs:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Any operation point along a train journey</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be always present. Applications have to provide the data accordingly. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications </pre>

	<pre> have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **TrainInformation/PathPlanningReferenceLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.
source	<pre> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModification**

diagram	<p>TrainJourneyModification This element shows which locations are changed during the running of a train</p> <p>TrainJourneyModificationIndicator This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p> <p>LocationModified This element shows the Location that has been changed for the train run 1..∞</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	TrainJourneyModificationIndicator LocationModified
used by	element TrainJourneyModificationMessage
annotation	documentation This element shows which locations are changed during the running of a train
source	<pre><xs:element name="TrainJourneyModification"> <xs:annotation> <xs:documentation>This element shows which locations are changed during the running of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainJourneyModificationIndicator"/> <xs:element ref="LocationModified" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainJourneyModificationIndicator**

diagram	<p>TrainJourneyModificationIndicator This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainJourneyModification									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
source	<pre><xs:element name="TrainJourneyModificationIndicator"> <xs:annotation> <xs:documentation>This indicates what has changed in the train running</pre>									

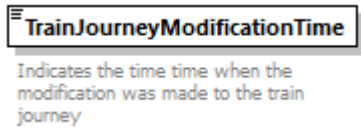
```
e.g. rerouting, cancellation etc..</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:integer">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="99"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **TrainJourneyModificationMessage**

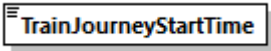
<p>diagram</p>	<p>TrainJourneyModificationMessage</p> <p>This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p> <ul style="list-style-type: none"> MessageHeader (+) <ul style="list-style-type: none"> Used for all messages MessageStatus <ul style="list-style-type: none"> Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification (+) OperationalTrainNumberIdentifier (+) ReferenceOTN (+) TrainJourneyModification (+) <ul style="list-style-type: none"> 1..∞ This element shows which locations are changed during the running of a train ModificationReason <ul style="list-style-type: none"> Identifies the reason for the train journey being modified TrainJourneyModificationTime <ul style="list-style-type: none"> Indicates the time time when the modification was made to the train journey Remarks <ul style="list-style-type: none"> 0..∞ Free Form Text TransferPoint (+) <ul style="list-style-type: none"> Transfer point or station of destination in the considered network where the Reference Train Numbers refers to InternalReferenceIdentifier <ul style="list-style-type: none"> The link to the IM System Reference TransfereelM <ul style="list-style-type: none"> Next IM
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p>
<p>source</p>	<p><xs:element name="TrainJourneyModificationMessage"></p>

	<pre> <xs:annotation> <xs:documentation> This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/> <xs:element ref="ModificationReason" minOccurs="0"/> <xs:element ref="TrainJourneyModificationTime" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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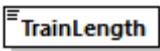
element TrainJourneyModificationTime

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element TrainJourneyModificationMessage
annotation	documentation Indicates the time time when the modification was made to the train journey
source	<pre> <xs:element name="TrainJourneyModificationTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Indicates the time time when the modification was made to the train journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainJourneyStartTime**

diagram	 <p>The precise time at which the train should present itself on the network</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network
source	<pre><xs:element name="TrainJourneyStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The precise time at which the train should present itself on the network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainLength**

diagram	 <p>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric4-4									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres									
source	<pre><xs:element name="TrainLength" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainLocationReport**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay GeoLocalisationOnNetwork</p>
<p>used by</p>	<p>elements TrainRunningForecastMessage TrainRunningInformationMessage</p>
<p>annotation</p>	<p>documentation Specifies the relevant running data of a train related to a specific location</p>
<p>source</p>	<pre><xs:element name="TrainLocationReport"> <xs:annotation> <xs:documentation>Specifies the relevant running data of a train related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

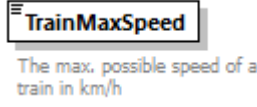
</xs:element>
<xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
<xs:element ref="TrainDelay" minOccurs="0"/>
<xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **TrainLocationStatus**

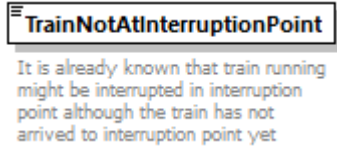
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	RunningStatus		
properties	content simple		
used by	elements ChangeofTrackMessage DelayEventReport LocationModified TrainAtLocation TrainLocationReport		
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	documentation Not specified for wagon
	enumeration	11	documentation Wagon arrival at its destination by train
	enumeration	12	documentation Wagon departure from its station of origin by train
	enumeration	13	documentation Wagon arrival at reporting point by train
	enumeration	14	documentation Wagon departure from reporting point by train
	enumeration	15	documentation Wagon run-through at reporting point by train
	enumeration	16	documentation Wagon parked at reporting point
	enumeration	17	documentation Wagon shunted at reporting point
	enumeration	18	documentation Wagon arrived at reporting point
	enumeration	19	documentation

	Wagon departure from reporting point
annotation	documentation Identifies the status of a train related to the actual time at a reporting point
source	<pre><xs:element name="TrainLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainMaxSpeed**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Speed									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation The max. possible speed of a train in km/h									
source	<pre><xs:element name="TrainMaxSpeed" type="Speed"> <xs:annotation> <xs:documentation>The max. possible speed of a train in km/h</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainNotAtInterruptionPoint**

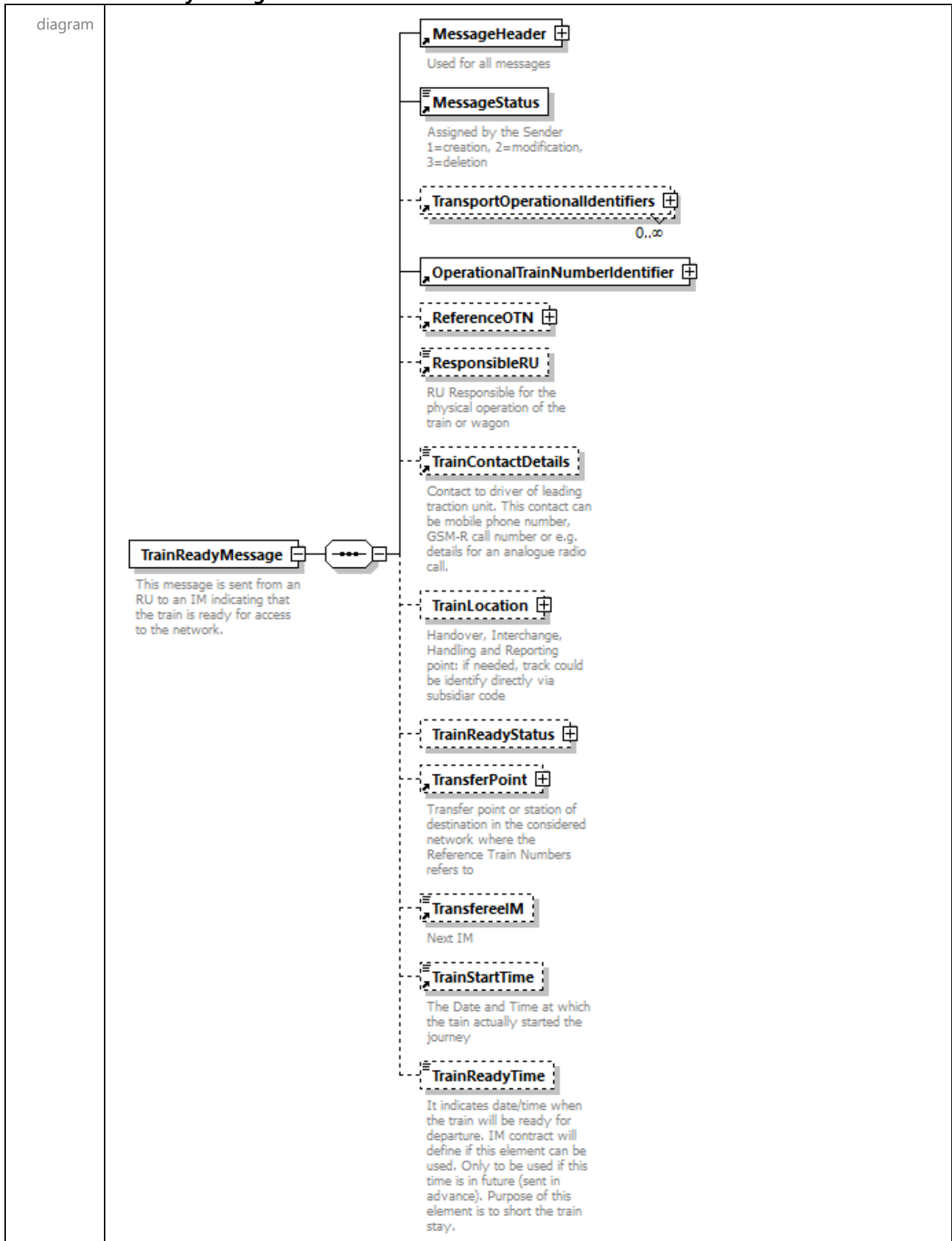
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	1	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	1									
annotation	documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet									
source	<pre><xs:element name="TrainNotAtInterruptionPoint"></pre>									

	<pre> <xs:annotation> <xs:documentation>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TrainOperationalIdentification**

diagram	<p>The diagram shows a class TrainOperationalIdentification containing a sequence of two other classes: TransportOperationalIdentifiers (multiplicity 1..∞) and RelatedTransportOperationalIdentifiers (multiplicity 0..∞). Annotations indicate that according to the new identifier structure, ObjectType must be used to differ between train and path IDs for both child classes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers
used by	elements ChangeofTrackMessage TrainAtLocation TrainDelayCauseMessage TrainJourneyModificationMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="TrainOperationalIdentification"> <xs:complexType> <xs:sequence> <xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime
annotation	documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.
source	<pre> <xs:element name="TrainReadyMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainContactDetails" minOccurs="0"/> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TransferPoint" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainStartTime" minOccurs="0"/> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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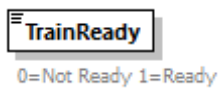
element **TrainReadyMessage/TrainLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code
source	<pre> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> </pre>

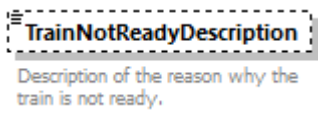
element **TrainReadyMessage/TrainReadyStatus**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>TrainReady TrainDelay TrainNotReadyDescription DelayCause</p>
<p>source</p>	<pre><xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

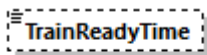
element **TrainReadyMessage/TrainReadyStatus/TrainReady**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0=Not Ready 1=Ready									
source	<pre><xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

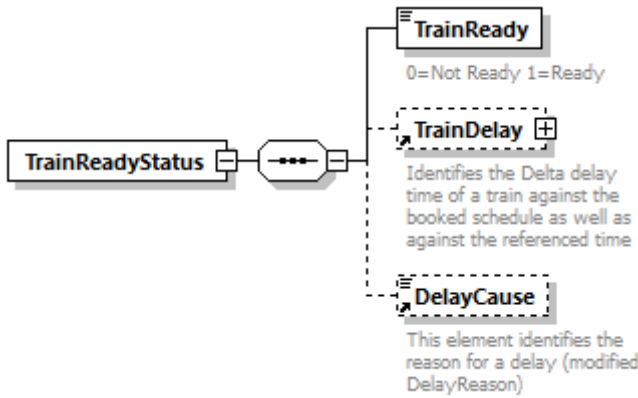
element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	FreeText									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Description of the reason why the train is not ready.									
source	<pre><xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainReadyMessage/TrainReadyTime**

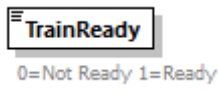
diagram	 <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
source	<pre><xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainReadyStatus**

diagram	 <p>0=Not Ready 1=Ready</p> <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>This element identifies the reason for a delay (modified DelayReason)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	TrainReady TrainDelay DelayCause
source	<pre><xs:element name="TrainReadyStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainReadyStatus/TrainReady**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0=Not Ready 1=Ready									
source	<pre> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TrainRunningData**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities Notes</p>
<p>used by</p>	<p>element TrainCompositionJourneySection</p>
<p>annotation</p>	<p>documentation Train relevant data for a running train</p>
<p>source</p>	<pre><xs:element name="TrainRunningData"> <xs:annotation> <xs:documentation>Train relevant data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Notes" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainRunningData/Activities**

diagram	<p>Since the activities can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 99 content complex
children	TrainActivity ActivityLocationIdent
source	<pre><xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre><xs:element name="ActivityLocationIdent" type="LocationIdent"/></pre>

element **TrainRunningForecastMessage**

<p>diagram</p>	<p>TrainRunningForecastMessage</p> <p>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p> <ul style="list-style-type: none"> MessageHeader: Used for all messages MessageStatus: Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU: RU Responsible for the physical operation of the train or wagon TrainLocationReport: Specifies the relevant running data of a train related to a specific location (1..∞) TransferPoint: Transfer point or station of destination in the considered network TransfereelM: Next IM
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p>
<p>source</p>	<pre><xs:element name="TrainRunningForecastMessage"> <xs:annotation> <xs:documentation>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out- of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for</pre>

	<pre> each other reporting point predefined by contract</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainRunningInformationMessage**

diagram	<p>This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM

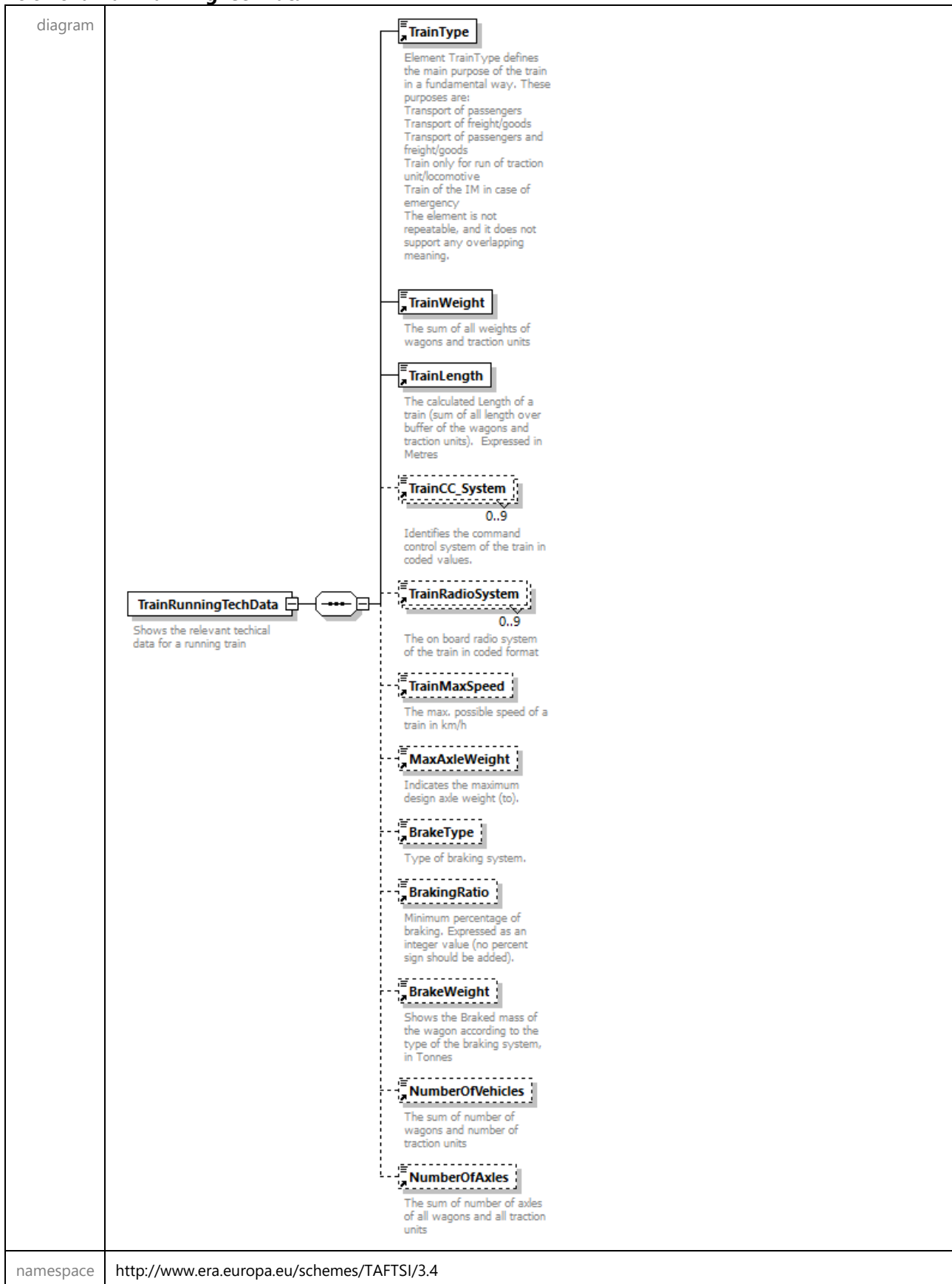
annotation	<p>documentation</p> <p>This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</p>
source	<pre> <xs:element name="TrainRunningInformationMessage"> <xs:annotation> <xs:documentation>This message is issued upon 1) Arrrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningInterruptionMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainRunningInterruptionStatus TransferPoint TransfereelM</p>
<p>annotation</p>	<p>documentation This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.</p>
<p>source</p>	<pre><xs:element name="TrainRunningInterruptionMessage"> <xs:annotation> <xs:documentation>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>


```
<xs:element ref="InterruptionPoint"/>
<xs:element ref="TrainRunningInterruptionStatus" minOccurs="0"/>
<xs:element ref="TransferPoint" minOccurs="0"/>
<xs:element ref="TransfereeIM" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainRunningTechData**

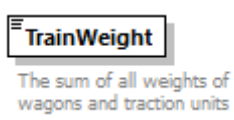


properties	content complex
children	TrainType TrainWeight TrainLength TrainCC_System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxles
used by	element TrainRunningData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="TrainRunningTechData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

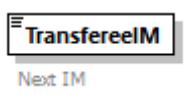
element **TrainStartTime**

diagram	 <p>The Date and Time at which the train actually started the journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
used by	element TrainReadyMessage
annotation	documentation The Date and Time at which the train actually started the journey
source	<pre> <xs:element name="TrainStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time at which the train actually started the journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of WeightValueTonne									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The sum of all weights of wagons and traction units									
source	<pre><xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne"> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TransfereeIM**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Next IM												
source	<pre><xs:element name="TransfereeIM" type="CompanyCode"> <xs:annotation> <xs:documentation>Next IM</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TransferPoint**

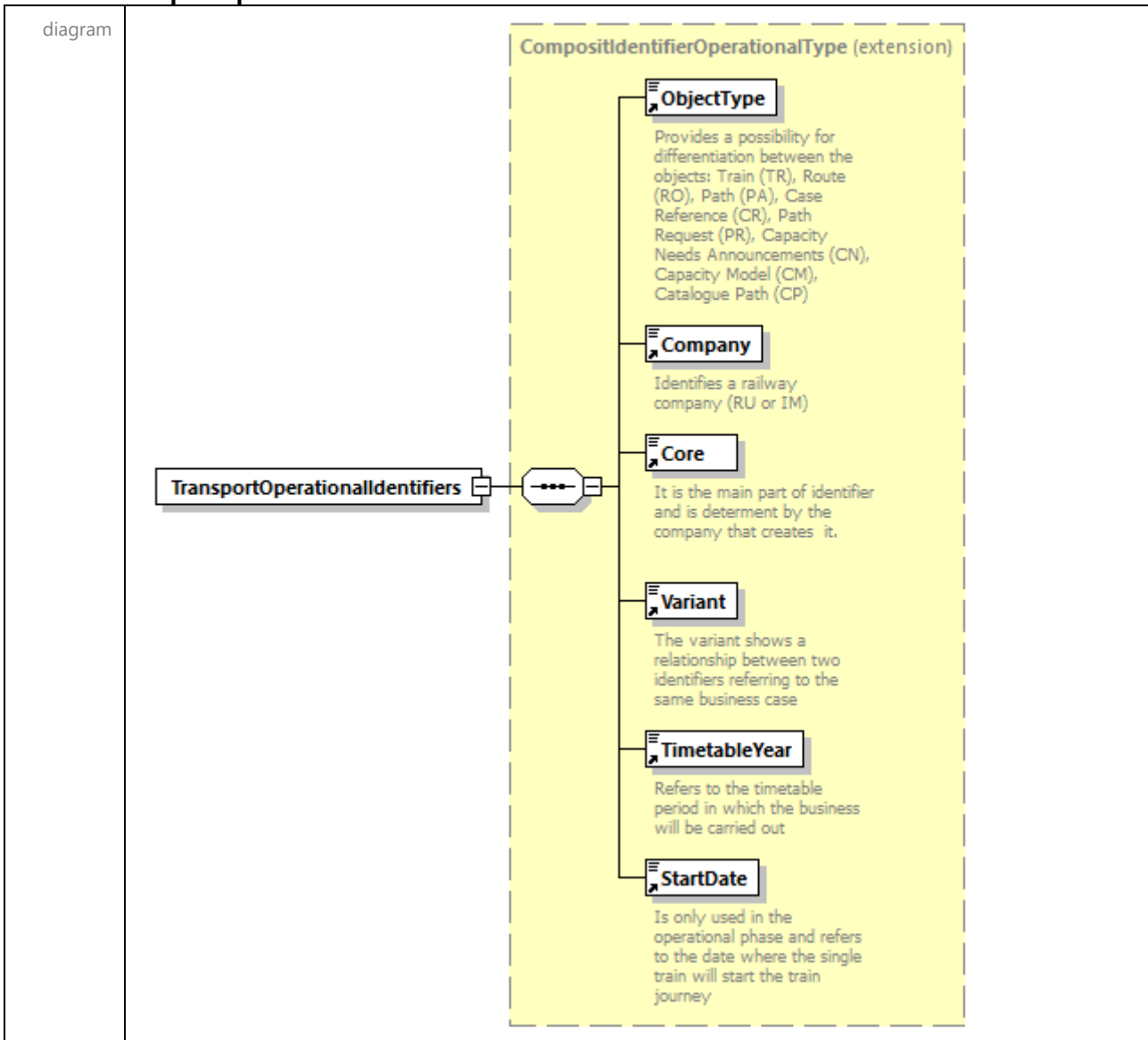
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage</p>
<p>annotation</p>	<p>documentation Transfer point or station of destination in the considered network</p>
<p>source</p>	<pre><xs:element name="TransferPoint" type="LocationIdent"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TransportInstruction**

<p>diagram</p>										
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>									
<p>type</p>	<p>FreeText</p>									
<p>properties</p>	<p>content simple</p>									
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
<p>annotation</p>	<p>documentation Special instructions regarding the transportation of the wagon or shipment in free text</p>									

source	<pre><xs:element name="TransportInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the transportation of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>
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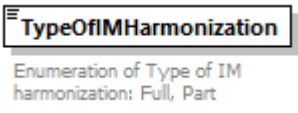
element **TransportOperationalIdentifiers**



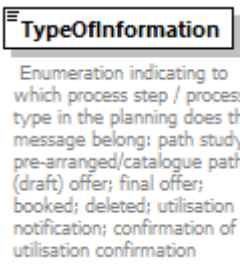
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	extension of CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage
source	<pre><xs:element name="TransportOperationalIdentifiers"> <xs:complexType></pre>

	<pre> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--

element **TypeOfIMHarmonization**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	TypeOfIMHarmonizationCode									
properties	content simple									
used by	elements PathDetailsMessage PathRequestMessage									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre> <xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element> </pre>									

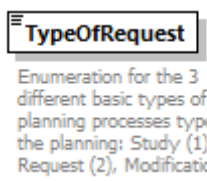
element **TypeOfInformation**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	TypeOfInformationCode															
properties	content simple															
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage															
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99		enumeration	1	documentation harmonisation - in process	enumeration	2	documentation
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	99															
enumeration	1	documentation harmonisation - in process														
enumeration	2	documentation														

	enumeration	3	harmonisation - accepted documentation
	enumeration	4	harmonisation - rejected documentation
	enumeration	5	Request ready documentation
	enumeration	6	path study request documentation
	enumeration	7	pre-arranged path/reserve capacity documentation
	enumeration	8	create offer documentation
	enumeration	9	coordination update documentation
	enumeration	10	draft offer documentation
	enumeration	11	draft alternative offer documentation
	enumeration	12	observation - in process documentation
	enumeration	13	observation - complete documentation
	enumeration	14	preparation of final offer - in process documentation
	enumeration	15	preparation of final offer - accepted documentation
	enumeration	16	preparation of final offer - rejected documentation
	enumeration	17	final offer documentation
	enumeration	18	final offer - accepted documentation
	enumeration	19	alternative offer accepted documentation
	enumeration	20	pre-accepted offer documentation
	enumeration	21	Final Offer rejected documentation
	enumeration	22	no alternative available documentation
	enumeration	23	booked documentation
	enumeration	24	preparation of draft alternative offer is in progress documentation
	enumeration	25	alternative offer triggered by IM documentation
	enumeration	26	offer/final offer rejected (without revision) documentation
	enumeration	27	alternative offer rejected (without revision) documentation
	enumeration	28	offer/final offer rejected (revision required) documentation
	enumeration	29	alternative offer rejected (revision required) documentation
	enumeration	30	withdrawal documentation
	enumeration	31	Create Dossier documentation
	enumeration	32	Close Dossier documentation
	enumeration	33	Path canceled full documentation
			Path canceled partial

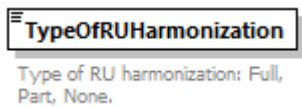
	enumeration 40	documentation Fully Assembled Path (FAP, constructed path)
	enumeration 42	documentation Preparation of draft offer – accepted
	enumeration 43	documentation Preparation of draft offer – rejected
	enumeration 44	documentation Draft offer rejected
	enumeration 45	documentation Draft no alternative available
	enumeration 50	documentation activate path (utilisation notification)
	enumeration 51	documentation deactivate path (utilisation notification)
	enumeration 52	documentation confirmation of utilisation notification
	enumeration 53	documentation Path and train cancelled
	enumeration 65	documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)
	enumeration 66	documentation Booked after route update (used in PathDetailsMessage)
annotation	documentation	Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation
source		<pre><xs:element name="TypeOfInformation" type="TypeOfInformationCode"> <xs:annotation> <xs:documentation> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre- arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation> </xs:annotation> </xs:element></pre>

element **TypeOfRequest**

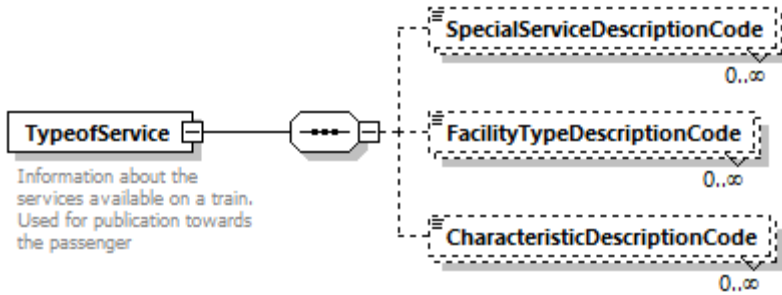
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	TypeOfRequestCode		
properties	content	simple	
used by	elements	PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage	
facets	Kind	Value	Annotation
	minInclusive	1	
	enumeration	1	documentation Study
	enumeration	2	documentation Request
	enumeration	3	documentation

Modification	
annotation	documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)
source	<pre><xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> </xs:element></pre>

element **TypeOfRUHarmonization**

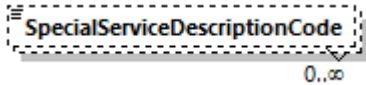
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	TypeOfRUHarmonizationCode												
properties	content simple												
used by	elements PathDetailsMessage PathRequestMessage												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> <tr> <td>enumeration</td> <td>None</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part		enumeration	None	
Kind	Value	Annotation											
enumeration	Full												
enumeration	Part												
enumeration	None												
annotation	documentation Type of RU harmonization: Full, Part, None.												
source	<pre><xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> </xs:element></pre>												

element **TypeofService**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode

used by	element PlannedTrainData
annotation	documentation Information about the services available on a train. Used for publication towards the passenger
source	<pre><xs:element name="TypeofService"> <xs:annotation> <xs:documentation>Information about the services available on a train. Used for publication towards the passenger</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **TypeofService/SpecialServiceDescriptionCode**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																		
type	type7161CodeList																		
properties	minOcc 0 maxOcc unbounded content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>00</td> <td>documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Breakfast documentation Breakfast documentation 0</td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	3		enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0	enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0	enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0	enumeration	5	documentation Breakfast documentation Breakfast documentation 0
Kind	Value	Annotation																	
maxLength	3																		
enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0																	
enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0																	
enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0																	
enumeration	5	documentation Breakfast documentation Breakfast documentation 0																	

	enumeration	6	documentation Dinner documentation Dinner documentation 0
	enumeration	7	documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	8	documentation Lunch documentation Lunch documentation 0
	enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	11	documentation Child documentation Services for children documentation 0
	enumeration	21	documentation Cold buffet documentation Cold buffet service documentation 0
	enumeration	22	documentation Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
	enumeration	23	documentation Hot buffet documentation Hot buffet service documentation 0
	enumeration	24	documentation Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
	enumeration	25	documentation Trolley documentation Trolley service (beverage and food cart) documentation 0
	enumeration	26	documentation Snack documentation

			Snack documentation 0
enumeration	27		documentation Disabled documentation Services for disabled persons documentation 0
enumeration	28		documentation Movies documentation Movies documentation 0
enumeration	29		documentation Business documentation Services for business people documentation 0
enumeration	30		documentation Nursery documentation Nursery service documentation 0
enumeration	31		documentation Buffet documentation Buffet documentation 0
enumeration	32		documentation Special services for military documentation Special services for army families documentation 0
enumeration	33		documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0
enumeration	34		documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0
enumeration	35		documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0
enumeration	36		documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation 0

enumeration	37	documentation Postal services documentation Postal services available documentation 0
enumeration	38	documentation Meal at the seat documentation Meal is provided at the seat documentation 0
enumeration	39	documentation Self service documentation Self service meals documentation 0
enumeration	40	documentation Overnight stay documentation Overnight stay possible on board documentation 0
enumeration	41	documentation Luggage transport documentation Luggage transport offered documentation 0
enumeration	42	documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0
enumeration	43	documentation Music documentation Music documentation 0
enumeration	44	documentation Check-in documentation Time at which the traveller checks in documentation 0
enumeration	45	documentation Check-out documentation Time at which the traveller checks out documentation 0
enumeration	46	documentation Free WiFi on board documentation Free WiFi service on board available documentation 0
enumeration	47	documentation WiFi on board documentation

	<p>WiFi service on board available documentation 0</p> <p>enumeration 48 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0</p>
source	<pre><xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **TypeofService/FacilityTypeDescriptionCode**

diagram																											
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>																										
type	<p>type9039CodeList</p>																										
properties	<p>minOcc 0 maxOcc unbounded content simple</p>																										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation First-class sleepers documentation First-class sleepers documentation 0</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation First-class seats documentation First-class seats documentation 0</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation First-class couchettes documentation First-class couchettes documentation 0</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Second-class couchettes</td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	3		enumeration	2	documentation First-class sleepers documentation First-class sleepers documentation 0	enumeration	3	documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0	enumeration	4	documentation First-class seats documentation First-class seats documentation 0	enumeration	5	documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0	enumeration	6	documentation First-class couchettes documentation First-class couchettes documentation 0	enumeration	7	documentation Second-class couchettes		
Kind	Value	Annotation																									
maxLength	3																										
enumeration	2	documentation First-class sleepers documentation First-class sleepers documentation 0																									
enumeration	3	documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0																									
enumeration	4	documentation First-class seats documentation First-class seats documentation 0																									
enumeration	5	documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0																									
enumeration	6	documentation First-class couchettes documentation First-class couchettes documentation 0																									
enumeration	7	documentation Second-class couchettes																									

		documentation Second-class couchettes documentation
enumeration	8	0 documentation Sleeperette documentation Sleeperette or reclining seat documentation
enumeration	9	0 documentation Restaurant documentation Restaurant facility documentation
enumeration	11	0 documentation First-class sleeper, single documentation First-class sleeper, single documentation
enumeration	12	0 documentation First-class sleeper, special documentation First-class sleeper, special documentation
enumeration	13	0 documentation First-class sleeper, double documentation First-class sleeper, double documentation
enumeration	14	0 documentation Vehicle transport documentation Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation
enumeration	15	0 documentation Second-class sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation
enumeration	16	0 documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation
enumeration	17	0 documentation Second-class sleeper T4 documentation Second-class sleeper, T4 (four-bed compartment) documentation
enumeration	18	0 documentation First-class sleeper, single, shower documentation

		First-class sleeper, single with shower documentation 0
enumeration	19	documentation First-class sleeper, double, shower documentation First-class sleeper, double with shower documentation 0
enumeration	20	documentation Non-smoker service documentation The travel service is non-smoking documentation 0
enumeration	21	documentation Heavily disabled documentation Facilities for heavily disabled persons available documentation 0
enumeration	24	documentation Baby room documentation Baby care facilities available documentation 0
enumeration	26	documentation Bicycle transport documentation Facility for bicycle transport available documentation 0
enumeration	28	documentation Wheelchair access documentation Access for wheelchairs possible documentation 0
enumeration	33	documentation Video coach documentation Video coach available documentation 0
enumeration	34	documentation Mini-bar documentation Mini-bar available documentation 0
enumeration	36	documentation Panorama coach documentation Panorama coach available documentation 0
enumeration	44	documentation Telephone documentation Telephone service is available documentation 0

enumeration	45	documentation Power supply documentation Service provides power supply sockets documentation 0
enumeration	46	documentation Pullmann coach documentation Pullman car seats documentation 0
enumeration	47	documentation Bar documentation A bar is available documentation 0
enumeration	48	documentation Family compartment documentation Family compartment(s) available documentation 0
enumeration	50	documentation Buffet machine documentation Buffet machine available documentation 0
enumeration	54	documentation Premium class documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0
enumeration	55	documentation Preferente documentation Spanish first class on long distance trains documentation RENFE documentation 0
enumeration	56	documentation Turista documentation Spanish second class on long distance trains documentation RENFE documentation 0
enumeration	57	documentation First-class sleeper, single, shower, WC documentation First-class sleeper, single with shower and WC documentation RENFE documentation 0
enumeration	58	documentation

		<p>First-class sleeper, double shower, WC documentation</p> <p>First-class sleeper, double with shower and WC documentation</p> <p>RENFE documentation</p> <p>0</p>
enumeration	59	<p>documentation</p> <p>Second class sleeper, T3, shower, WC documentation</p> <p>Second class sleeper, T3, shower, WC documentation</p> <p>0</p>
enumeration	60	<p>documentation</p> <p>Second class sleeper double documentation</p> <p>Second class sleeper for two documentation</p> <p>0</p>
enumeration	61	<p>documentation</p> <p>Second class sleeper double shower/toilets documentation</p> <p>Second class sleeper for two with shower and toilets documentation</p> <p>0</p>
enumeration	62	<p>documentation</p> <p>Second-class, couchette, two-bed, C2 documentation</p> <p>Second class compartment with 2 couchettes documentation</p> <p>0</p>
enumeration	63	<p>documentation</p> <p>Second-class, couchette, four-bed, C4 documentation</p> <p>Second class compartment with 4 couchettes documentation</p> <p>0</p>
enumeration	64	<p>documentation</p> <p>Second-class, couchette, six-bed, C6 documentation</p> <p>Second class compartment with 6 couchettes documentation</p> <p>0</p>
enumeration	65	<p>documentation</p> <p>Second class couchette wheelchair documentation</p> <p>Second class couchette with wheelchair space documentation</p> <p>0</p>
enumeration	66	<p>documentation</p> <p>Executive class documentation</p> <p>A class with comfort level higher than first class documentation</p> <p>Trenitalia documentation</p> <p>0</p>
enumeration	67	<p>documentation</p> <p>Business class documentation</p> <p>First class documentation</p> <p>Trenitalia</p>

		documentation 0
enumeration	68	documentation Premium class documentation A second class with comfort level higher than normal second class documentation Trenitalia documentation 0
enumeration	69	documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia documentation 0
enumeration	70	documentation Unified class documentation For services with no class differentiation. A service with only one class documentation UIC documentation 0
enumeration	71	documentation Medical-grade masks documentation Medical-grade masks must be worn documentation 0
enumeration	72	documentation Mask obligation according to legal regulation documentation Mask obligation according to legal regulation documentation 0
enumeration	101	documentation Metro connection documentation Metro, subway, underground connection documentation Only used in TSDUPD documentation 0
enumeration	102	documentation Taxi connection documentation Taxi connection documentation Only used in TSDUPD documentation 0
enumeration	103	documentation Bus connection documentation Bus connections available documentation Used only in TSDUPD documentation 0
enumeration	104	documentation

	<p>Tram connection documentation</p> <p>Tram connections available documentation</p> <p>Used only in TSDUPD documentation</p> <p>0 documentation</p> <p>enumeration 105 2nd Class couchette five beds C5 documentation</p> <p>2nd Class couchette five beds C5 documentation</p> <p>DB Nachtzug documentation</p> <p>0 documentation</p> <p>enumeration 106 Vaccinated, tested, recovered rule applied documentation</p> <p>Vaccinated, tested, recovered rule applied documentation</p> <p>Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation</p> <p>0 documentation</p> <p>enumeration 107 Dedicated toilet and place for wheelchair documentation</p> <p>Dedicated toilet and place for wheelchair documentation</p> <p>Dedicated toilet together with dedicated space for wheelchair documentation</p> <p>0</p>
source	<pre><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

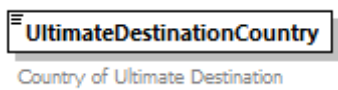
element **TypeofService/CharacteristicDescriptionCode**

diagram													
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>												
type	<p>type7037CodeList</p>												
properties	<p>minOcc 0</p> <p>maxOcc unbounded</p> <p>content simple</p>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>17</td> <td></td> </tr> <tr> <td>enumeration 6</td> <td></td> <td>documentation First class documentation First class accommodation documentation 0</td> </tr> <tr> <td>enumeration 7</td> <td></td> <td>documentation Second class documentation Second class accommodation documentation 0</td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	17		enumeration 6		documentation First class documentation First class accommodation documentation 0	enumeration 7		documentation Second class documentation Second class accommodation documentation 0
Kind	Value	Annotation											
maxLength	17												
enumeration 6		documentation First class documentation First class accommodation documentation 0											
enumeration 7		documentation Second class documentation Second class accommodation documentation 0											

enumeration	11	documentation Reservation possible documentation Reservation is possible documentation 0
enumeration	12	documentation With supplement documentation A supplement is charged documentation 0
enumeration	13	documentation Reservation compulsory documentation Reservation is compulsory documentation 0
enumeration	14	documentation Reservation advised documentation Reservation is recommended documentation 0
enumeration	15	documentation Reservation compulsory for parties documentation Reservation is compulsory for parties documentation 0
enumeration	16	documentation Reservation compulsory in first-class documentation Reservation is compulsory in first-class documentation 0
enumeration	17	documentation Group booking restricted documentation Booking by groups restricted documentation 0
enumeration	18	documentation Groups not allowed documentation Groups of travellers are not allowed documentation 0
enumeration	19	documentation No reservation documentation Reservation is not possible documentation 0
enumeration	20	documentation Reservation in first class only documentation Reservation is only possible in first documentation 0
enumeration	21	documentation Reservation compulsory from origin station documentation

	<p>enumeration 22</p> <p>documentation Reservation compulsory from origin station documentation 0</p> <p>enumeration 23</p> <p>documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0</p> <p>enumeration 24</p> <p>documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0</p> <p>enumeration 25</p> <p>documentation Not available documentation The product is not available documentation 0</p> <p>enumeration 26</p> <p>documentation Non-bookable documentation The product is not bookable documentation 0</p> <p>enumeration 27</p> <p>documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0</p> <p>enumeration 28</p> <p>documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0</p> <p>enumeration 28</p> <p>documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0</p>
source	<pre><xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **UltimateDestinationCountry**

diagram	
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
type	<p>CountryIdentISO</p>
properties	<p>content simple</p>
used by	<p>elements ILU Details ITU Details</p>

facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country of Ultimate Destination
source	<pre><xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element></pre>

element **UN_Number**

diagram	 <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	content simple
used by	element SummaryOfGoodsWithSameRID
facets	Kind Value Annotation length 4 pattern \d*[1-9]\d*
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
source	<pre><xs:element name="UN_Number"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

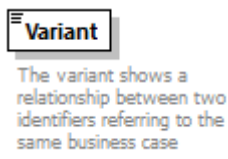
element **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	StartDateTime EndDateTime
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar
source	<pre><xs:element name="ValidityPeriod"> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

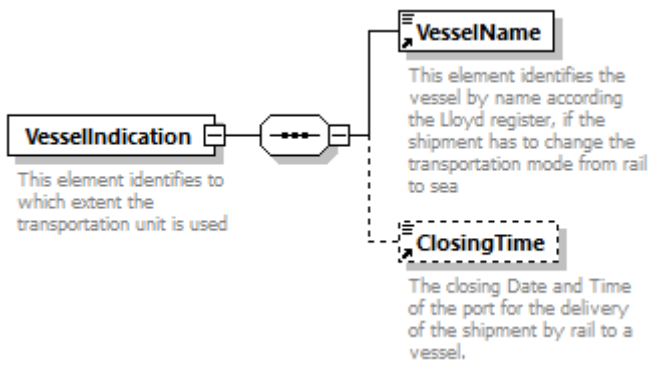
element **Value**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:decimal												
properties	content simple												
used by	elements Height Length Width												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999999999</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999999999		fractionDigits	1	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	9999999999												
fractionDigits	1												
source	<pre><xs:element name="Value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:maxInclusive value="9999999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Variant**

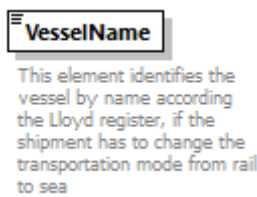
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	content simple												
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{2}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[0-9A-Z]{2}												
annotation	documentation The variant shows a relationship between two identifiers referring to the same business case												
source	<pre><xs:element name="Variant"> <xs:annotation> <xs:documentation>The variant shows a relationship between two identifiers referring to the same business case</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **VesselIndication**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	VesselName ClosingTime
used by	elements WIMO Dataset/EventLevelData Ship
annotation	documentation This element identifies to which extent the transportation unit is used

source	<pre> <xs:element name="VesselIndication"> <xs:annotation> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselName"/> <xs:element ref="ClosingTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element **VesselName**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	Name						
properties	content simple						
used by	element VesselIndication						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>254</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea						
source	<pre> <xs:element name="VesselName" type="Name"> <xs:annotation> <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation> </xs:annotation> </xs:element> </pre>						

element **Volume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	VolumeValue
properties	content simple
annotation	documentation Identifies the volume of a shipment, expressed in cubic metres

source	<pre><xs:element name="Volume" type="VolumeValue"> <xs:annotation> <xs:documentation>Identifies the volume of a shipment, expressed in cubic metres</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **WagonArrivalNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader WagonInformation ArrivalAtDestination
annotation	<p>documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</p>
source	<pre><xs:element name="WagonArrivalNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonAtDeparture**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location DepartureTimeAtLocation</p>
<p>used by</p>	<p>element WagonDepartureNoticeMessage</p>
<p>annotation</p>	<p>documentation Departure point of a wagon with location and departure time</p>
<p>source</p>	<pre><xs:element name="WagonAtDeparture"> <xs:annotation> <xs:documentation>Departure point of a wagon with location and departure time</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonData**

<p>diagram</p>	<p>WagonData Wagon relevant data for the wagons within a running train</p> <p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>WagonTrainPosition Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p> <p>WagonOperationalData + Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</p> <p>WagonTechData + This element shows the wagon relevant technical data for the wagons within a running train</p> <p>IntermodalTransportData +</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData IntermodalTransportData</p>
<p>used by</p>	<p>element TrainCompositionJourneySection</p>
<p>annotation</p>	<p>documentation Wagon relevant data for the wagons within a running train</p>
<p>source</p>	<pre><xs:element name="WagonData"> <xs:annotation> <xs:documentation>Wagon relevant data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="WagonTrainPosition"/> <xs:element ref="WagonOperationalData"/> <xs:element ref="WagonTechData"/> <xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonData/IntermodalTransportData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	IntermodalTransportDataType
properties	minOcc 0 maxOcc 1 content complex
children	TypeOfLoadUnit LoadUnitNumber
source	<code><xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0"/></code>

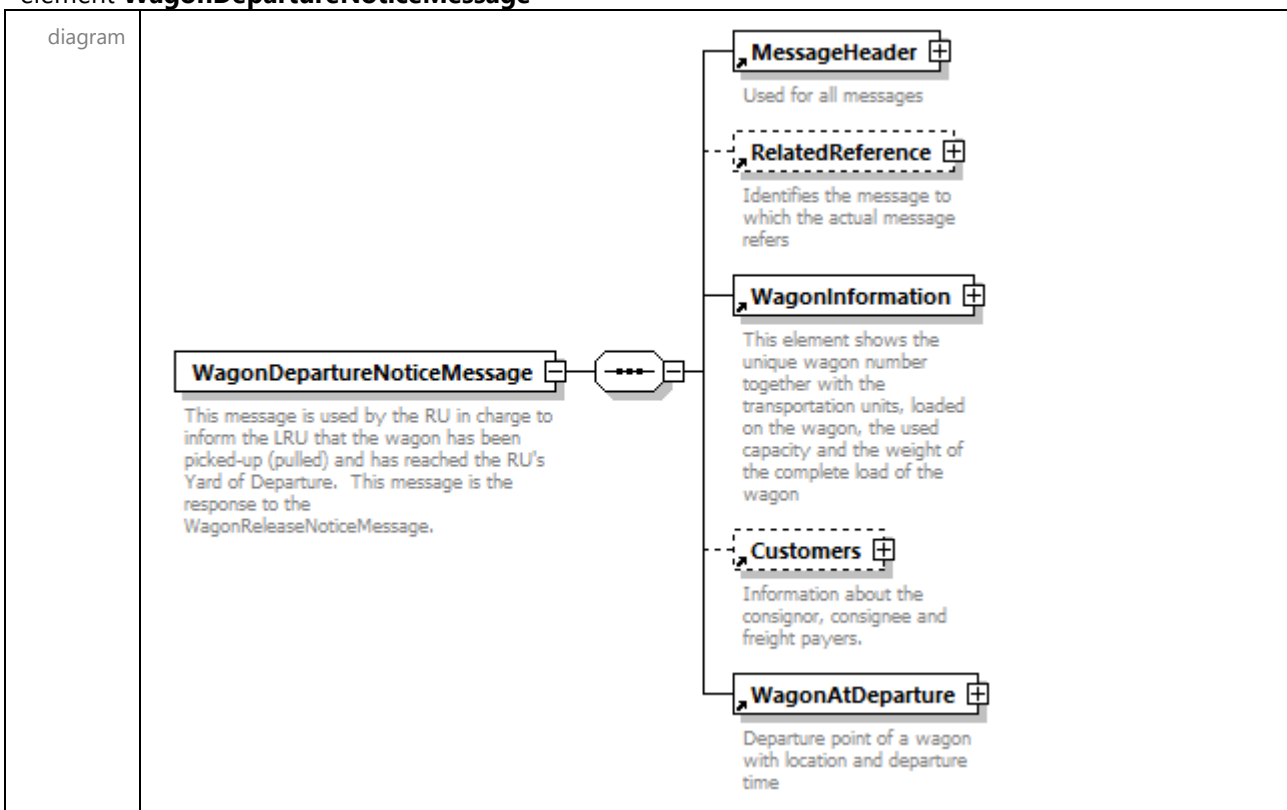
element **WagonDeliveryNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader WagonInformation DeliveryAtDestination Customers
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.
source	<code><xs:element name="WagonDeliveryNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</xs:documentation> </xs:annotation></code>

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="WagonInformation"/>
    <xs:element ref="DeliveryAtDestination"/>
    <xs:element ref="Customers" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **WagonDepartureNoticeMessage**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader RelatedReference WagonInformation Customers WagonAtDeparture
annotation	documentation This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.
source	<pre> <xs:element name="WagonDepartureNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference" minOccurs="0"/> </pre>

```

<xs:element ref="WagonInformation"/>
<xs:element ref="Customers" minOccurs="0"/>
<xs:element ref="WagonAtDeparture"/>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **WagonDeviationMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader RelatedReference WagonNumberFreight ActualETI WagonExceptionReport</p>
<p>annotation</p>	<p>documentation This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</p>
<p>source</p>	<pre> <xs:element name="WagonDeviationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="ActualETI"/> <xs:element ref="WagonExceptionReport"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonETI_ETA_Message**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport</p>
<p>annotation</p>	<p>documentation This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p>
<p>source</p>	<pre><xs:element name="WagonETI_ETA_Message"> <xs:annotation> <xs:documentation>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalInterchangeReport"/> <xs:element ref="DepartureInterchangeReport" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonEventInformation**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonEvent EventDateTime Location</p>
<p>used by</p>	<p>element WIMO Dataset/EventLevelData</p>
<p>annotation</p>	<p>documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p>
<p>source</p>	<pre> <xs:element name="WagonEventInformation"> <xs:annotation> <xs:documentation>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime" type="xs:dateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonEventInformation/WagonEvent**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>restriction of xs:token</p>

properties	content simple																																	
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Release</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Departure</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Exception</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Delivery</td> <td></td> </tr> <tr> <td>enumeration</td> <td>InterchangeDelivery</td> <td></td> </tr> <tr> <td>enumeration</td> <td>InterchangeReceipt</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YardDeparture</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YardArrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DeliveryConfirmation</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Release		enumeration	Arrival		enumeration	Departure		enumeration	Exception		enumeration	Delivery		enumeration	InterchangeDelivery		enumeration	InterchangeReceipt		enumeration	YardDeparture		enumeration	YardArrival		enumeration	DeliveryConfirmation	
Kind	Value	Annotation																																
enumeration	Release																																	
enumeration	Arrival																																	
enumeration	Departure																																	
enumeration	Exception																																	
enumeration	Delivery																																	
enumeration	InterchangeDelivery																																	
enumeration	InterchangeReceipt																																	
enumeration	YardDeparture																																	
enumeration	YardArrival																																	
enumeration	DeliveryConfirmation																																	
source	<pre><xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																																	

element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EventDateTime" type="xs:dateTime"/></pre>

element **WagonExceptionMessage**

<p>diagram</p>	<p>WagonExceptionMessage This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p> <ul style="list-style-type: none"> MessageHeader Used for all messages WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon WagonExceptionReport Specifies the exceptions of a wagon related to a specific location DangerousGoodsIndication Identifies dangerous goods
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication</p>
<p>annotation</p>	<p>documentation This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p>
<p>source</p>	<pre><xs:element name="WagonExceptionMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonExceptionReasonMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication</p>
<p>annotation</p>	<p>documentation This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</p>
<p>source</p>	<pre><xs:element name="WagonExceptionReasonMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonExceptionReport**

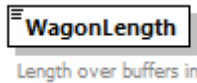
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ExceptionPoint ExceptionReason</p>
<p>used by</p>	<p>elements WagonDeviationMessage WagonExceptionMessage WagonExceptionReasonMessage</p>
<p>annotation</p>	<p>documentation Specifies the exceptions of a wagon related to a specific location</p>
<p>source</p>	<pre><xs:element name="WagonExceptionReport"> <xs:annotation> <xs:documentation>Specifies the exceptions of a wagon related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ExceptionPoint"/> <xs:element ref="ExceptionReason" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonInformation**

<p>diagram</p>	
----------------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WIMO Dataset/ConsignmentLevelData WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonReleaseNoticeMessage
annotation	documentation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon
source	<pre><xs:element name="WagonInformation"> <xs:annotation> <xs:documentation>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element></pre>

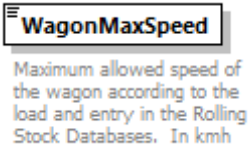
element **WagonLength**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	element Wagons/WagonDetails/WagonTypeDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers in cms									
source	<pre><xs:element name="WagonLength"> <xs:annotation> <xs:documentation>Length over buffers in cms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonLocationStatus**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	RunningStatus		
properties	content	simple	
used by	element	ExceptionPoint	
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation Intermediate arrival
	enumeration	04	documentation Intermediate departure
	enumeration	05	documentation Pass through
	enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	documentation Not specified for wagon
	enumeration	11	documentation Wagon arrival at its destination by train
	enumeration	12	documentation Wagon departure from its station of origin by train
	enumeration	13	documentation Wagon arrival at reporting point by train
	enumeration	14	documentation Wagon departure from reporting point by train
	enumeration	15	documentation Wagon run-through at reporting point by train
	enumeration	16	documentation Wagon parked at reporting point
	enumeration	17	documentation Wagon shunted at reporting point
	enumeration	18	documentation Wagon arrived at reporting point
	enumeration	19	documentation Wagon departure from reporting point
annotation	documentation	identifies the status of a wagon, related to the actual time at a reporting point	
source	<pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>		

element **WagonMaxSpeed**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	element WagonOperationalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh									
source	<pre><xs:element name="WagonMaxSpeed"> <xs:annotation> <xs:documentation>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonNumberFreight**

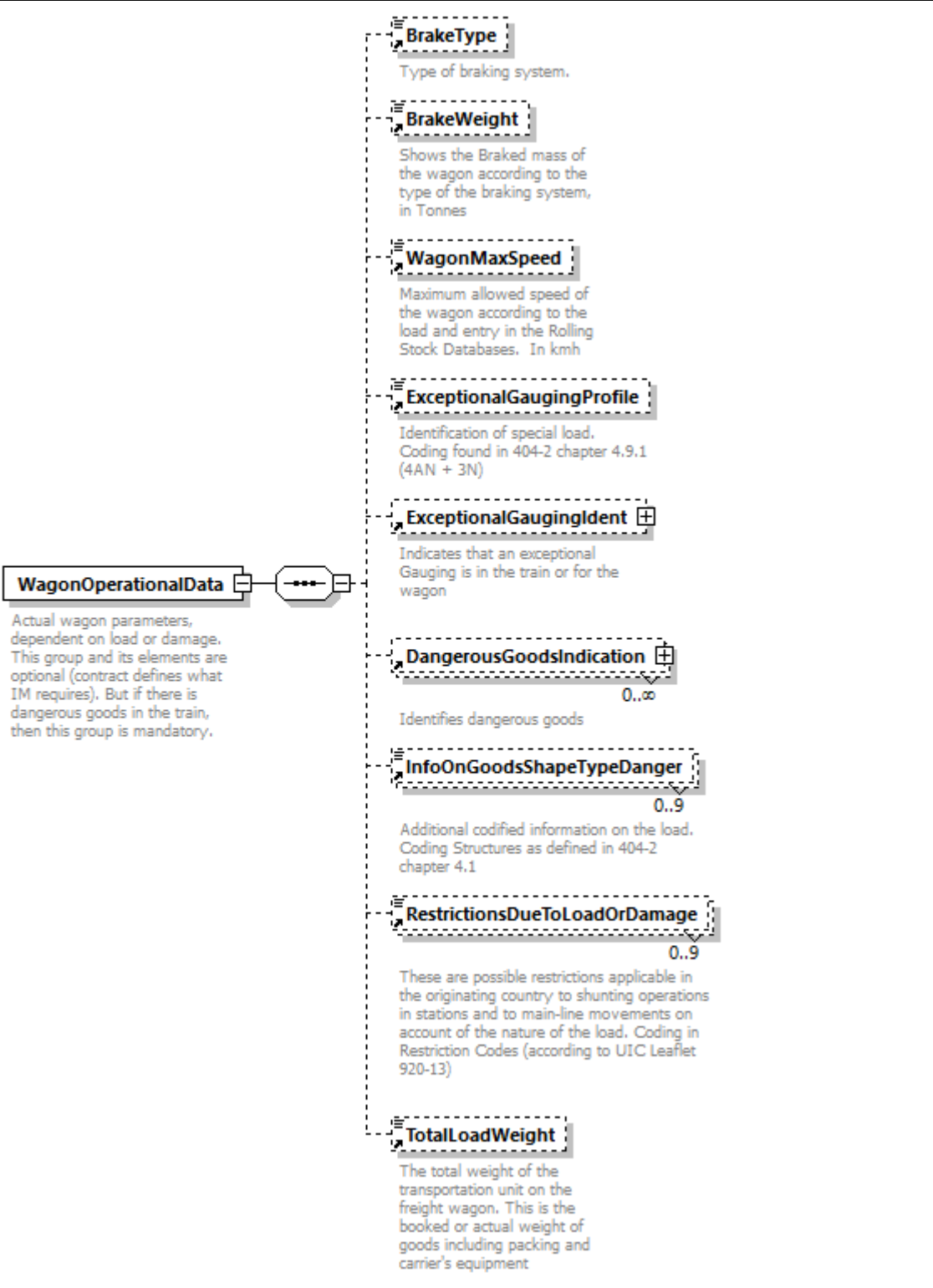
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	WagonIdent									
properties	content simple									
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData WagonDeviationMessage WagonInformation Wagons WagonYardArrivalMessage WagonYardDepartureMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
annotation	documentation Identifies uniquely the freight wagon by its number									
source	<pre><xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation></pre>									

	<pre> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **WagonNumberOfAxles**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>2</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	2		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	2									
maxInclusive	99									
annotation	documentation Number of Axels for a wagon									
source	<pre> <xs:element name="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Number of Axels for a wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="2"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **WagonOperationalData**

<p>diagram</p>  <p>WagonOperationalData</p> <p>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</p>	<p>BrakeType Type of braking system.</p> <p>BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</p> <p>WagonMaxSpeed Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</p> <p>ExceptionalGaugingProfile Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</p> <p>ExceptionalGaugingIdent Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>DangerousGoodsIndication 0..∞ Identifies dangerous goods</p> <p>InfoOnGoodsShapeTypeDanger 0..9 Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p>RestrictionsDueToLoadOrDamage 0..9 These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)</p> <p>TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsIndication InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight</p>

used by	element WagonData
annotation	documentation Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.
source	<pre> <xs:element name="WagonOperationalData"> <xs:annotation> <xs:documentation>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InfoOnGoodsShapeTypeDanger" minOccurs="0" maxOccurs="9"/> <xs:element ref="RestrictionsDueToLoadOrDamage" minOccurs="0" maxOccurs="9"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonPickupAtOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonReleaseNoticeMessage
annotation	documentation Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings
source	<pre> <xs:element name="WagonPickupAtOrigin"> <xs:annotation> <xs:documentation>Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</xs:documentation> </xs:annotation> <xs:complexType> </pre>

	<pre> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **WagonReleaseNoticeMessage**

diagram	<p>WagonReleaseNoticeMessage This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</p> <p>MessageHeader Used for all messages</p> <p>WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p> <p>Customers Information about the consignor, consignee and freight payers.</p> <p>WagonPickupAtOrigin Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader WagonInformation Customers WagonPickupAtOrigin
annotation	documentation This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.
source	<pre> <xs:element name="WagonReleaseNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> <xs:element ref="WagonPickupAtOrigin"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonNumberFreight WagonDetails SummaryOFGoodsWithSameRID LoadingTackles GoodsInWagon</p>
<p>used by</p>	<p>element ConsignmentOrderMessage/COMS/COM</p>
<p>annotation</p>	<p>documentation Content of the wagon</p>
<p>source</p>	<pre> <xs:element name="Wagons"> <xs:annotation> <xs:documentation>Content of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:sequence> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

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        <xs:maxLength value="2000"/>
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="WagonTypeDetails" minOccurs="0">
    <xs:annotation>
        <xs:documentation>These elements are only needed, if the
wagon has to be treated as CUV (empty wagon).</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="WagonWeightEmpty"/>
            <xs:element ref="WagonNumberOfAxles"/>
            <xs:element ref="WagonLength"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="TotalWeight" minOccurs="0"/>
<xs:element name="LoadLimit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Load limit from table of load limits in
[t].</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
            <xs:minInclusive value="0"/>
            <xs:totalDigits value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Seals" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information for transports,
which shall be handed over to a ship.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of origin country of the
Goods</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Exceptional
Consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>

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<xs:element ref="IM_Partner"/>
<xs:element name="PermissionNumber">
  <xs:annotation>
    <xs:documentation>Reference/permission number of the
exceptional consignment.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="24"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Examination</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier undertaking
the examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Result">
        <xs:annotation>
          <xs:documentation>Details of the results of any
examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Formal report</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CreationDate" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date when the report was made
out.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Number" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of the report

```

```

form.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="13"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
        <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ShuntingModallabel" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Shunting modal label according to
chapter 5.3.4 RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="13"/>
            <xs:enumeration value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Supplied by the customer. Reference
number to link the ECN and delivery note to the same consignment on the
customer side.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="30"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="BookingNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>XrailBooking number for the
consignment</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="24"/>
            <xs:maxLength value="64"/>
            <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>

```

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</xs:complexType>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
<xs:sequence>
  <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/>
  <xs:element name="GoodsInWagon" maxOccurs="99">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="NoGoodsOfClassX" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Element has to be filled with the
class of the dangerous goods which are mentioned in Table 3.2 RID but are
not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="RID" minOccurs="0" maxOccurs="50">
          <xs:annotation>
            <xs:documentation>The requirement (optional/mandatory)
of the RID detail tags depend on the dangerous good and the regarding RID
regulations.In contrast to the element "DangerousGoodsIndication" which only
provides information to be provided to the IM according to chapter 1.4 RID,
"RID" contains all information demanded in chapter 5.4 RID in order tpo
provide all information used for RUS</xs:documentation>
          </xs:annotation>
        </xs:complexType>
        <xs:sequence>
          <xs:element name="Law">
            <xs:annotation>
              <xs:documentation>The law after which the RID data
are declared.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:enumeration value="2013"/>
                <xs:enumeration value="2015"/>
                <xs:enumeration value="2017"/>
                <xs:enumeration value="2019"/>
                <xs:enumeration value="2021"/>
                <xs:enumeration value="2023"/>
                <xs:enumeration value="2025"/>
                <xs:enumeration value="2027"/>
                <xs:enumeration value="2029"/>
                <xs:enumeration value="2031"/>
                <xs:enumeration value="2033"/>
                <xs:enumeration value="2035"/>
                <xs:enumeration value="2037"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element ref="DangerLabel" minOccurs="0"
maxOccurs="5"/>
          <xs:element name="TechnicalDescription" minOccurs="0">
            <xs:annotation>
              <xs:documentation>The Technical Description is an
approved chemical or biological name and has to be present if the dangerous
good has assigned a special provision 274 according to RID chapter 3.2,
table A, column 6.</xs:documentation>
            </xs:documentation>

```

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this
dangerous good according to the RID chapter 3.2, table A, column 2
Mandatory, except it concerns a declaration of an empty packaging of the
type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L,
"EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3"
minOccurs="0" maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4"
minOccurs="0" maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean"
minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment"
minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:element name="EnvironmentalHazardous"
type="xs:boolean"/>
            <xs:element name="MarinePollutant"
type="xs:boolean"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="ActionRequiredFromCarrier"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Special action required by the
carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="350"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element ref="DangerousGoodsWeight" minOccurs="0">
        <xs:annotation>
            <xs:documentation>The weight of the dangerous
goods in Kilograms</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="DangerousGoodsVolume"
type="VolumeValue" minOccurs="0">
        <xs:annotation>
            <xs:documentation>The volume of the dangerous
goods in cubic meters</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="WeightNettoExplosiveMass"
type="WeightValueKilo" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Special provision only necessary
and allowed for Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="HazardIdentificationNumber"
minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="2"/>
                <xs:maxLength value="4"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="UN_Number" minOccurs="0">
        <xs:annotation>
            <xs:documentation>The UNNumber of the dangerous
good according to the RID chapter 3.2, table A, column 1. Mandatory, except
it concerns a declaration of an empty packaging of the type "EMPTY
PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE
PACKAGING" .</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="4"/>
                <xs:pattern value="\d*[1-9]\d*" />
            </xs:restriction>

```



```

</xs:simpleType>
</xs:element>
<xs:element name="RID_Class" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Class of the dangerous good
according to the RID chapter 3.2, table A, column 3a.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Classification Code of the
dangerous good according to the RID chapter 3.2, table A, column 3b.
Mandatory for Class 1 - optional, but possibly for all the other
classes.</xs:documentation>
    <xs:documentation>CODE: OTIF RID-
Specification</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="4">
        <xs:annotation>
          <xs:documentation>present only with class
1</xs:documentation>
        </xs:annotation>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="PackingGroup" minOccurs="0"/>
  <xs:element name="EmptyPackingCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Code of empty packing as
described in RID 5.4.1.1.6.2</xs:documentation>
      <xs:documentation>CODE: OTIF RID-Specification,
element EMPTY has been added as 'dummy' until the code list has been
finished and approved.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:token">
        <xs:enumeration value="01">
          <xs:annotation>
            <xs:documentation>EMPTY
PACKAGING</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="02">
          <xs:annotation>
            <xs:documentation>EMPTY
CONTAINER</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

```

```

<xs:enumeration value="03">
  <xs:annotation>
    <xs:documentation>EMPTY
IBC</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="04">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE
PACKAGING</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-
VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-
WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
  <xs:annotation>
    <xs:documentation>EMPTY DETACHABLE
TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>EMPTY DEMOUNTABLE
TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-
CONTAINER</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE
TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-
VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-
WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="13">
        <xs:annotation>
          <xs:documentation>EMPTY LARGE CONTAINER WITH
MULTIPLE LINKED ELEMENTS</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>EMPTY
VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>EMPTY
WAGON</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>EMPTY RECEPTACLE 1e
1000L</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="17">
        <xs:annotation>
          <xs:documentation>EMPTY RECEPTACLE gt
1000L</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="18">
        <xs:annotation>
          <xs:documentation>EMPTY</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="LimitedQuantityIndicator"
type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicator for labelled dangerous
goods in limited quantity according to chapter 3.-4 RID</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Packing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Packing information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NatureOfPacking" minOccurs="0">
        <xs:annotation>

```

```

        <xs:documentation>Nature of packing according to
the UN/ECE Recommendation No 21</xs:documentation>
        <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Number of
packages.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
    <xs:annotation>
        <xs:documentation>Particular marks and numbers to
identify less than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the
loaded good, given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">

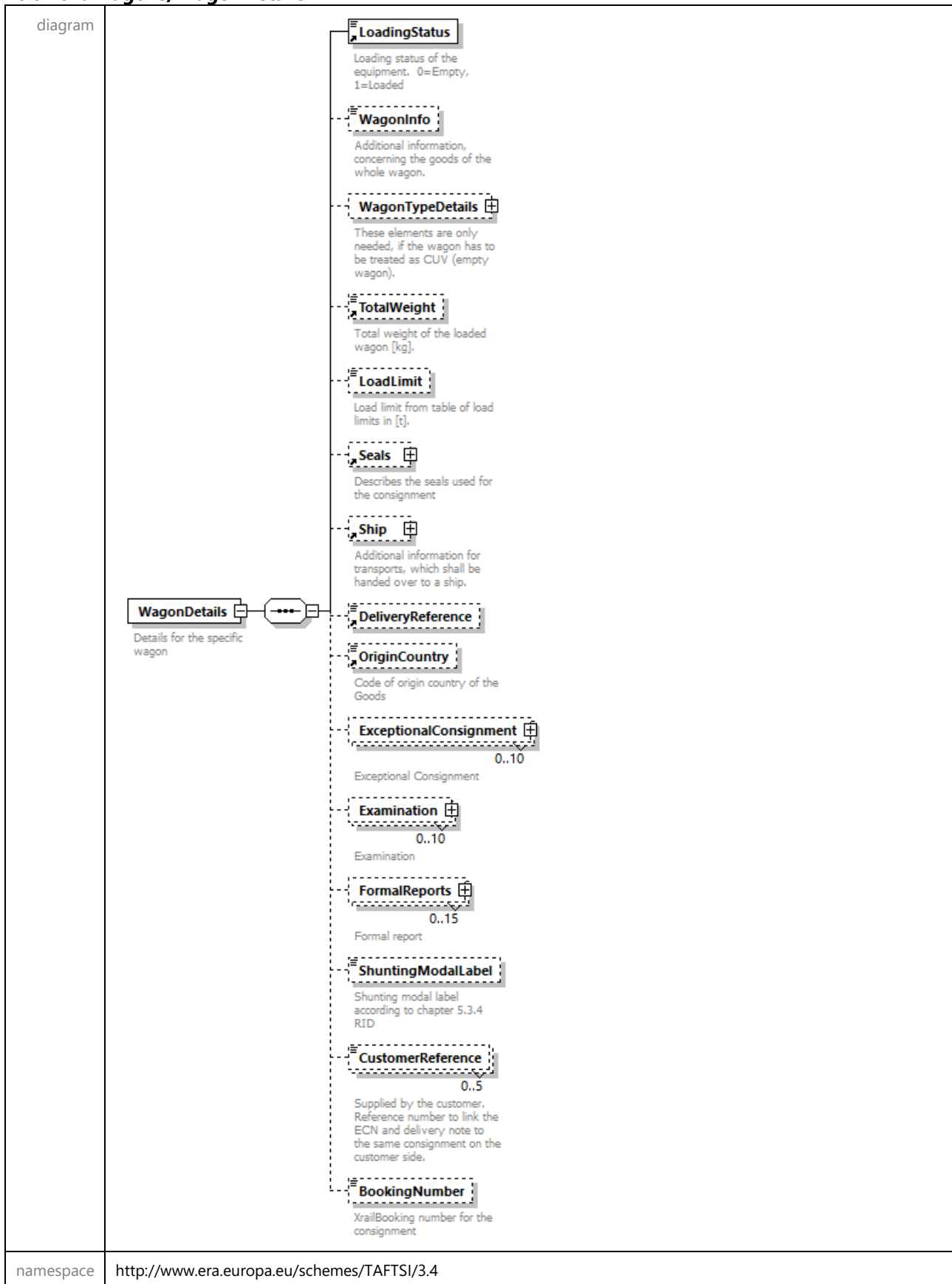
```

```

        <xs:annotation>
          <xs:documentation>HS-Code for sensible goods (appendix
44c of ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
            <xs:maxLength value="10"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="EWC_Key" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Numeric key according to the European
Waste Catalogue</xs:documentation>
          <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="ReferenceNumbers" minOccurs="0"
maxOccurs="99"/>
      <xs:element ref="ILU" minOccurs="0"/>
      <xs:element ref="RollingRoadUnit" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **Wagons/WagonDetails**



properties	content complex
children	LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment Examination FormalReports ShuntingModallabel CustomerReference BookingNumber
annotation	documentation Details for the specific wagon
source	<pre> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Seals" minOccurs="0"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information for transports, which
shall be handed over to a ship.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of origin country of the
Goods</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Exceptional Consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="IM_Partner"/>
      <xs:element name="PermissionNumber">
        <xs:annotation>
          <xs:documentation>Reference/permission number of the
exceptional consignment.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Examination</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier undertaking the
examination (see CIM Article 11 sections 2 and 3). </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Result">
        <xs:annotation>
          <xs:documentation>Details of the results of any examination
(see CIM Article 11 sections 2 and 3).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="180"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```




```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Formal report</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CreationDate" type="xs:date">
        <xs:annotation>
          <xs:documentation>Date when the report was made
out.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Number" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of the report
form.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="13"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Shunting modal label according to chapter 5.3.4
RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="13"/>
      <xs:enumeration value="15"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0" maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Supplied by the customer. Reference number to
link the ECN and delivery note to the same consignment on the customer
side.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>

```

	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/WagonDetails/WagonInfo**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2000</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	2000	
Kind	Value	Annotation								
minLength	1									
maxLength	2000									
annotation	documentation Additional information, concerning the goods of the whole wagon.									
source	<pre> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Wagons/WagonDetails/WagonTypeDetails**

diagram	<p>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</p> <p>WagonWeightEmpty The weight of an empty wagon according to the entry in the rolling stock database</p> <p>WagonNumberOfAxles Number of Axels for a wagon</p> <p>WagonLength Length over buffers in cms</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	WagonWeightEmpty WagonNumberOfAxles WagonLength
annotation	documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon).
source	<pre><xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Wagons/WagonDetails/LoadLimit**

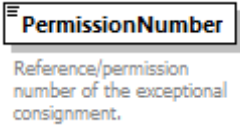
diagram	<p>Load limit from table of load limits in [t].</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 4
annotation	documentation Load limit from table of load limits in [t].
source	<pre><xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in</pre>

	<pre>[t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	--

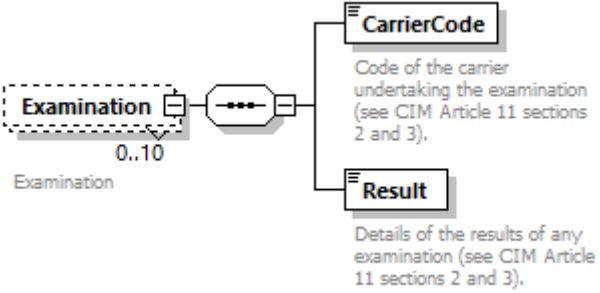
element **Wagons/WagonDetails/ExceptionalConsignment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 10 content complex
children	IM_Partner PermissionNumber
annotation	documentation Exceptional Consignment
source	<pre><xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

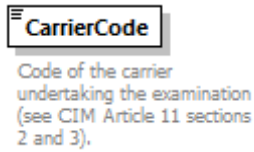
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Reference/permission number of the exceptional consignment.									
source	<pre><xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/WagonDetails/Examination**

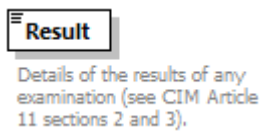
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>10</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	10	content	complex
minOcc	0						
maxOcc	10						
content	complex						
children	CarrierCode Result						
annotation	documentation Examination						
source	<pre><xs:element name="Examination" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Examination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>						

	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). </xs:documentation> </xs:annotation> </xs:element> <xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/WagonDetails/Examination/CarrierCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). </xs:documentation> </xs:annotation> </xs:element> </pre>												

element **Wagons/WagonDetails/Examination/Result**

diagram	
---------	---


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>180</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	180	
Kind	Value	Annotation								
minLength	1									
maxLength	180									
annotation	documentation Details of the results of any examination (see CIM Article 11 sections 2 and 3).									
source	<pre><xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/WagonDetails/FormalReports**

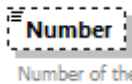
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>15</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	15	content	complex
minOcc	0						
maxOcc	15						
content	complex						
children	CreationDate Number CarrierCode						
annotation	documentation Formal report						
source	<pre><xs:element name="FormalReports" minOccurs="0" maxOccurs="15"> <xs:annotation> <xs:documentation>Formal report</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element></pre>						

	<pre> <xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/WagonDetails/FormalReports/CreationDate**

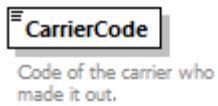
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:date
properties	content simple
annotation	documentation Date when the report was made out.
source	<pre> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports/Number**

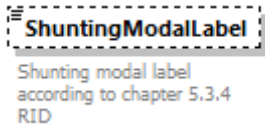
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									

annotation	documentation Number of the report form.
source	<pre> <xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Wagons/WagonDetails/FormalReports/CarrierCode**

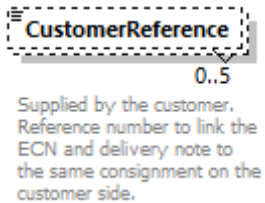
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	CompanyCode												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of the carrier who made it out.												
source	<pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **Wagons/WagonDetails/ShuntingModalLabel**

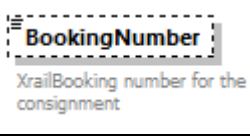
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>15</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	13		enumeration	15	
Kind	Value	Annotation								
enumeration	13									
enumeration	15									

annotation	documentation Shunting modal label according to chapter 5.3.4 RID
source	<pre> <xs:element name="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

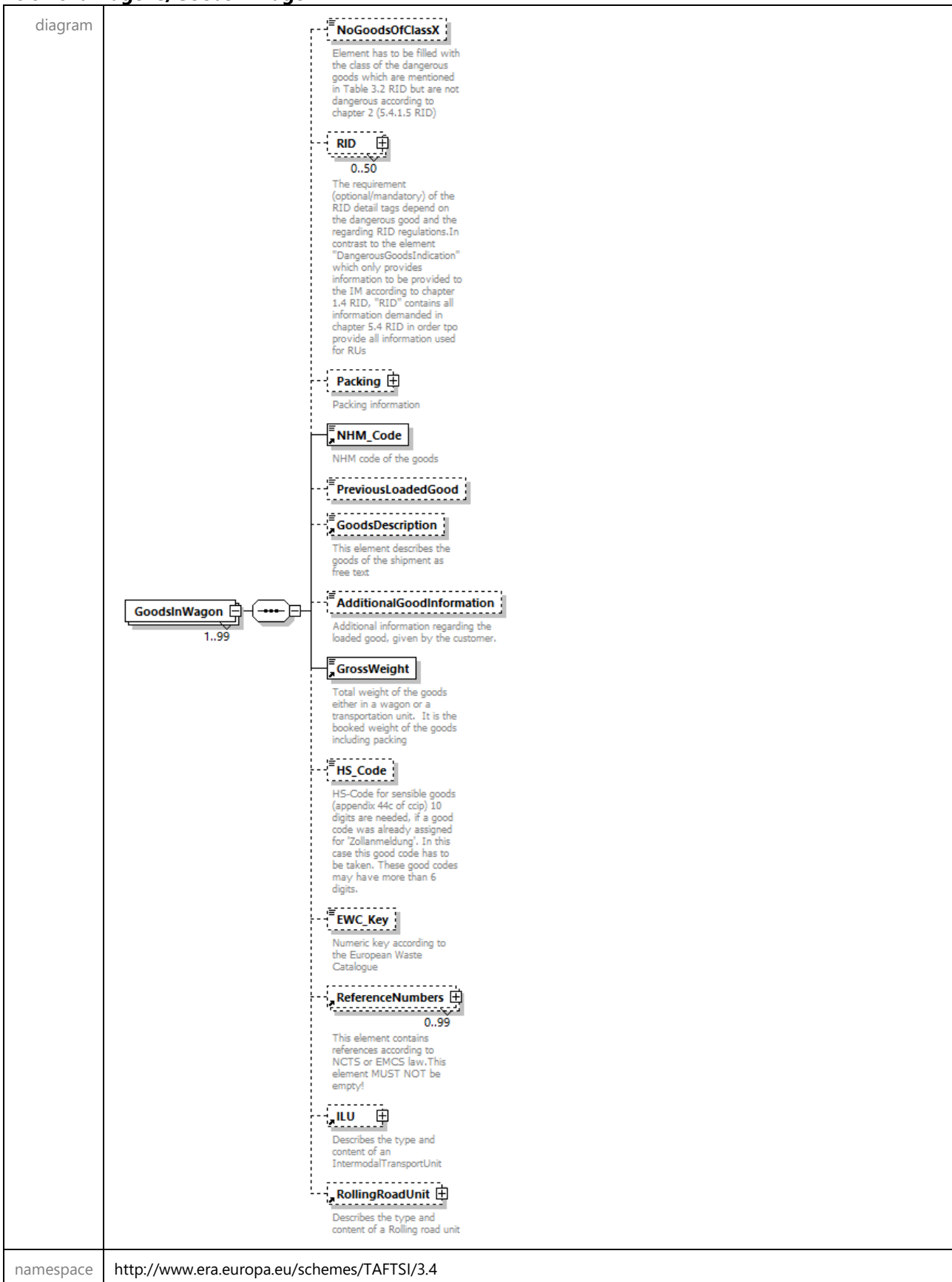
element **Wagons/WagonDetails/CustomerReference**

diagram	 <p>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 5 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	documentation Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.									
source	<pre> <xs:element name="CustomerReference" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Wagons/WagonDetails/BookingNumber**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>24</td> <td></td> </tr> <tr> <td>maxLength</td> <td>64</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{4};[0-9]{17};[a-f0-9-]+</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	24		maxLength	64		pattern	[0-9]{4};[0-9]{17};[a-f0-9-]+	
Kind	Value	Annotation											
minLength	24												
maxLength	64												
pattern	[0-9]{4};[0-9]{17};[a-f0-9-]+												
annotation	documentation XrailBooking number for the consignment												
source	<pre><xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4};[0-9]{17};[a-f0-9-]+"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **Wagons/GoodsInWagon**



properties	minOcc 1 maxOcc 99 content complex
children	NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key ReferenceNumbers ILU RollingRoadUnit
used by	element WagonInformation
source	<pre> <xs:element name="GoodsInWagon" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RID" minOccurs="0" maxOccurs="50"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations.In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order tpo provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, </pre>

```

column 6.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this dangerous good
    according to the RID chapter 3.2, table A, column 2 Mandatory, except it
    concerns a declaration of an empty packaging of the type "EMPTY PACKAGING",
    "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L, "EMPTY IBC" or "EMPTY
    LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean" minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment"
minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:element name="EnvironmentalHazardous"
type="xs:boolean"/>
            <xs:element name="MarinePollutant"
type="xs:boolean"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>

```

```

</xs:complexType>
</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special action required by the carrier
according to chapter 5.4.1.2.5.2 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WeightNettoExplosiveMass"
type="WeightValueKilo" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special provision only necessary and
allowed for Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HazardIdentificationNumber" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="2"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="UN_Number" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The UNNumber of the dangerous good
according to the RID chapter 3.2, table A, column 1. Mandatory, except it
concerns a declaration of an empty packaging of the type "EMPTY PACKAGING",
"EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"
.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

```

<xs:element name="RID_Class" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Class of the dangerous good according
to the RID chapter 3.2, table A, column 3a.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Classification Code of the dangerous
good according to the RID chapter 3.2, table A, column 3b. Mandatory for
Class 1 - optional, but possibly for all the other
classes.</xs:documentation>
    <xs:documentation>CODE: OTIF RID-
Specification</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="4">
        <xs:annotation>
          <xs:documentation>present only with class
1</xs:documentation>
        </xs:annotation>
      </xs:maxLength>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element name="EmptyPackingCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification, element
EMPTY has been added as 'dummy' until the code list has been finished and
approved. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>EMPTY PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>EMPTY CONTAINER</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>EMPTY IBC</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```



```

</xs:enumeration>
<xs:enumeration value="04">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE
PACKAGING</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-
VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
  <xs:annotation>
    <xs:documentation>EMPTY DETACHABLE
TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>EMPTY DEMOUNTABLE
TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-
CONTAINER</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE
TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-
VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-
WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE
LINKED ELEMENTS</xs:documentation>

```

```

        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>EMPTY VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>EMPTY WAGON</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>EMPTY RECEPTACLE le
1000L</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="17">
        <xs:annotation>
          <xs:documentation>EMPTY RECEPTACLE gt
1000L</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="18">
        <xs:annotation>
          <xs:documentation>EMPTY</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="LimitedQuantityIndicator" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indicator for labelled dangerous goods in
limited quantity according to chapter 3.-4 RID</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Packing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Packing information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NatureOfPacking" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Nature of packing according to the UN/ECE
Recommandation No 21</xs:documentation>
          <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>

```

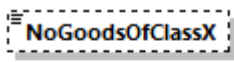
```

        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="NumberOfPackages" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Number of packages.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:int">
        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="99999"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
    <xs:annotation>
      <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="6"/>

```

	<pre> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99" /> <xs:element ref="ILU" minOccurs="0" /> <xs:element ref="RollingRoadUnit" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Wagons/GoodsInWagon/NoGoodsOfClassX**

diagram	 <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1
annotation	documentation Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)
source	<pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/GoodsInWagon/RID**

<p>diagram</p> <p>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUe</p>	<p>Law The law after which the RID data are declared.</p> <p>DangerLabel 0..5 All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>TechnicalDescription The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> <p>ProperShippingName The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> <p>SpecialProvisionsRID</p> <p>ActionRequiredFromCarrier Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> <p>DangerousGoodsWeight The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume The volume of the dangerous goods in cubic meters</p> <p>WeightNettoExplosiveMass Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> <p>HazardIdentificationNumber</p> <p>UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1: Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> <p>RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p>ClassificationCode The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</p> <p>PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>EmptyPackingCode Code of empty packing as described in RID 5.4.1.1.6.2</p> <p>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3-4 RID</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0</p>

	maxOcc 50 content complex
children	Law DangerLabel TechnicalDescription ProperShippingName SpecialProvisionsRID ActionRequiredFromCarrier DangerousGoodsWeight DangerousGoodsVolume WeightNettoExplosiveMass HazardIdentificationNumber UN Number RID Class ClassificationCode PackingGroup EmptyPackingCode LimitedQuantityIndicator
used by	element Goods
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs
source	<pre> <xs:element name="RID" minOccurs="0" maxOccurs="50"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this dangerous good
    according to the RID chapter 3.2, table A, column 2 Mandatory, except it
    concerns a declaration of an empty packaging of the type "EMPTY PACKAGING",
    "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY
    LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4" minOccurs="0"
maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean" minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment" minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:element name="EnvironmentalHazardous"
type="xs:boolean"/>
            <xs:element name="MarinePollutant" type="xs:boolean"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special action required by the carrier according
    to chapter 5.4.1.2.5.2 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>

```

```

        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special provision only necessary and allowed for
Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="HazardIdentificationNumber" minOccurs="0">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="UN_Number" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The UNNumber of the dangerous good according to
the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a
declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY
RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"
.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="4"/>
            <xs:pattern value="\d*[1-9]\d*" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="RID_Class" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Class of the dangerous good according to the
RID chapter 3.2, table A, column 3a.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>

```



```

        <xs:maxLength value="4"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ClassificationCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>The Classification Code of the dangerous good
according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1
- optional, but possibly for all the other classes.</xs:documentation>
      <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="4">
          <xs:annotation>
            <xs:documentation>present only with class
1</xs:documentation>
          </xs:annotation>
        </xs:maxLength>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="PackingGroup" minOccurs="0"/>
  <xs:element name="EmptyPackingCode" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
      <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has
been added as 'dummy' until the code list has been finished and approved.
</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:token">
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          <xs:annotation>
            <xs:documentation>EMPTY PACKAGING</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="02">
          <xs:annotation>
            <xs:documentation>EMPTY CONTAINER</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="03">
          <xs:annotation>
            <xs:documentation>EMPTY IBC</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="04">
          <xs:annotation>
            <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="05">
          <xs:annotation>
            <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

```

```


</xs:enumeration>
<xs:enumeration value="06">
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    <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
  <xs:annotation>
    <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>EMPTY VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE 1e
1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```


        <xs:enumeration value="17">
        <xs:annotation>
        <xs:documentation>EMPTY RECEPTACLE gt
1000L</xs:documentation>
        </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="18">
        <xs:annotation>
        <xs:documentation>EMPTY</xs:documentation>
        </xs:annotation>
        </xs:enumeration>
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="LimitedQuantityIndicator" type="xs:boolean"
minOccurs="0">
        <xs:annotation>
        <xs:documentation>Indicator for labelled dangerous goods in
limited quantity according to chapter 3.-4 RID</xs:documentation>
        </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **Wagons/GoodsInWagon/RID/Law**

diagram																																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																										
type	restriction of xs:int																																										
properties	content simple																																										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>2013</td><td></td></tr> <tr><td>enumeration</td><td>2015</td><td></td></tr> <tr><td>enumeration</td><td>2017</td><td></td></tr> <tr><td>enumeration</td><td>2019</td><td></td></tr> <tr><td>enumeration</td><td>2021</td><td></td></tr> <tr><td>enumeration</td><td>2023</td><td></td></tr> <tr><td>enumeration</td><td>2025</td><td></td></tr> <tr><td>enumeration</td><td>2027</td><td></td></tr> <tr><td>enumeration</td><td>2029</td><td></td></tr> <tr><td>enumeration</td><td>2031</td><td></td></tr> <tr><td>enumeration</td><td>2033</td><td></td></tr> <tr><td>enumeration</td><td>2035</td><td></td></tr> <tr><td>enumeration</td><td>2037</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019		enumeration	2021		enumeration	2023		enumeration	2025		enumeration	2027		enumeration	2029		enumeration	2031		enumeration	2033		enumeration	2035		enumeration	2037	
Kind	Value	Annotation																																									
enumeration	2013																																										
enumeration	2015																																										
enumeration	2017																																										
enumeration	2019																																										
enumeration	2021																																										
enumeration	2023																																										
enumeration	2025																																										
enumeration	2027																																										
enumeration	2029																																										
enumeration	2031																																										
enumeration	2033																																										
enumeration	2035																																										
enumeration	2037																																										
annotation	documentation The law after which the RID data are declared.																																										
source	<pre> <xs:element name="Law"> <xs:annotation> </pre>																																										

	<pre> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **Wagons/GoodsInWagon/RID/TechnicalDescription**

diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.									
source	<pre> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

	<pre></xs:simpleType> </xs:element></pre>
--	---


element **Wagons/GoodsInWagon/RID/ProperShippingName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"									
source	<pre><xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	SpecialProvisionsRID3.3 SpecialProvisionRID5.4 Waste SpecialProvisionsEnvironment
source	<pre> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Waste" type="xs:boolean" minOccurs="0"/> <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

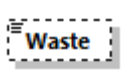
element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsRID3.3**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 25 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
source	<pre><xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionRID5.4**

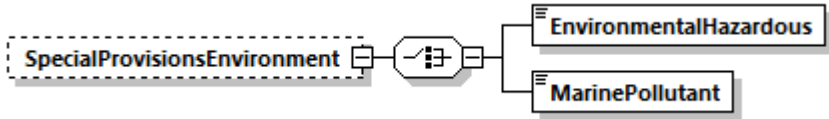
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 25 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
source	<pre><xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID/Waste**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4


type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<code><xs:element name="Waste" type="xs:boolean" minOccurs="0"/></code>

element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	EnvironmentalHazardous MarinePollutant
source	<code><xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element></code>


element

Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/EnvironmentalHazardous

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
source	<code><xs:element name="EnvironmentalHazardous" type="xs:boolean"/></code>

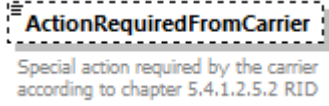
element

Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple

source	<code><xs:element name="MarinePollutant" type="xs:boolean"/></code>
--------	---

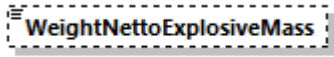
element **Wagons/GoodsInWagon/RID/ActionRequiredFromCarrier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID
source	<pre> <xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

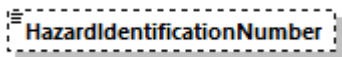
element **Wagons/GoodsInWagon/RID/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOFGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre> <xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Wagons/GoodsInWagon/RID/WeightNettoExplosiveMass**

diagram	 <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).												
source	<pre><xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> </xs:element></pre>												

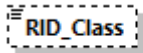
element **Wagons/GoodsInWagon/RID/HazardIdentificationNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
source	<pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/GoodsInWagon/RID/UN_Number**

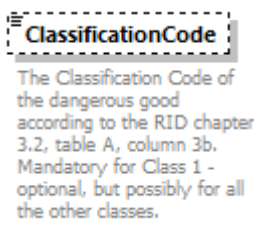
diagram	 <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element SummaryOFGoodsWithSameRID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".									
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/GoodsInWagon/RID/RID_Class**

diagram	 <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre><xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/RID/ClassificationCode**

diagram	 <p>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4 documentation present only with class 1
annotation	documentation The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes. documentation CODE: OTIF RID-Specification
source	<pre><xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

```

<xs:maxLength value="4">
  <xs:annotation>
    <xs:documentation>present only with class 1</xs:documentation>
  </xs:annotation>
</xs:maxLength>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **Wagons/GoodsInWagon/RID/EmptyPackingCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2		

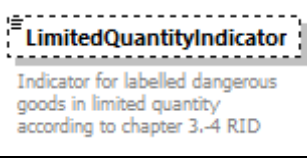
	<p>documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</p>
source	<pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>EMPTY IBC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>EMPTY TANK-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

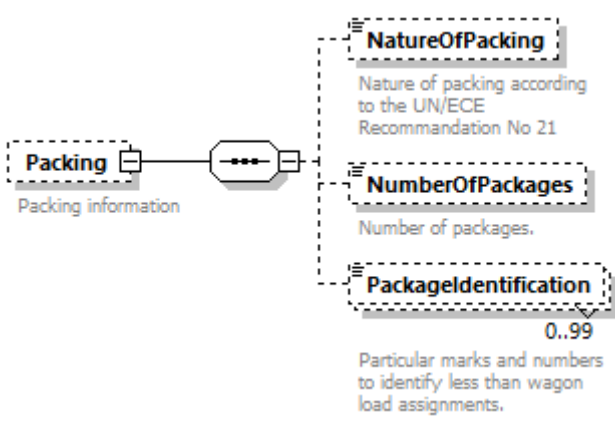
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>EMPTY VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>EMPTY</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **Wagons/GoodsInWagon/RID/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre>

element **Wagons/GoodsInWagon/Packing**

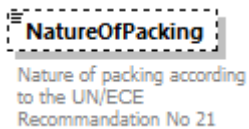
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	documentation Packing information
source	<pre><xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No.</pre>


```

21</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="2"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of packages.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99">
  <xs:annotation>
    <xs:documentation>Particular marks and numbers to identify less
than wagon load assignments.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

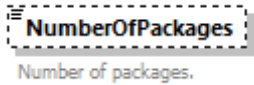
```

element **Wagons/GoodsInWagon/Packing/NatureOfPacking**

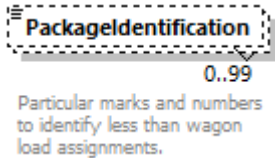
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21									

source	<pre> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--------	--

element **Wagons/GoodsInWagon/Packing/NumberOfPackages**

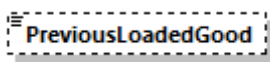
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Number of packages.									
source	<pre> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Wagons/GoodsInWagon/Packing/PackageIdentification**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string

properties	minOcc 0 maxOcc 99 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.
source	<pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Wagons/GoodsInWagon/PreviousLoadedGood**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	NHMCodeType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<pre><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></pre>

element **Wagons/GoodsInWagon/AdditionalGoodInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.

source	<pre> <xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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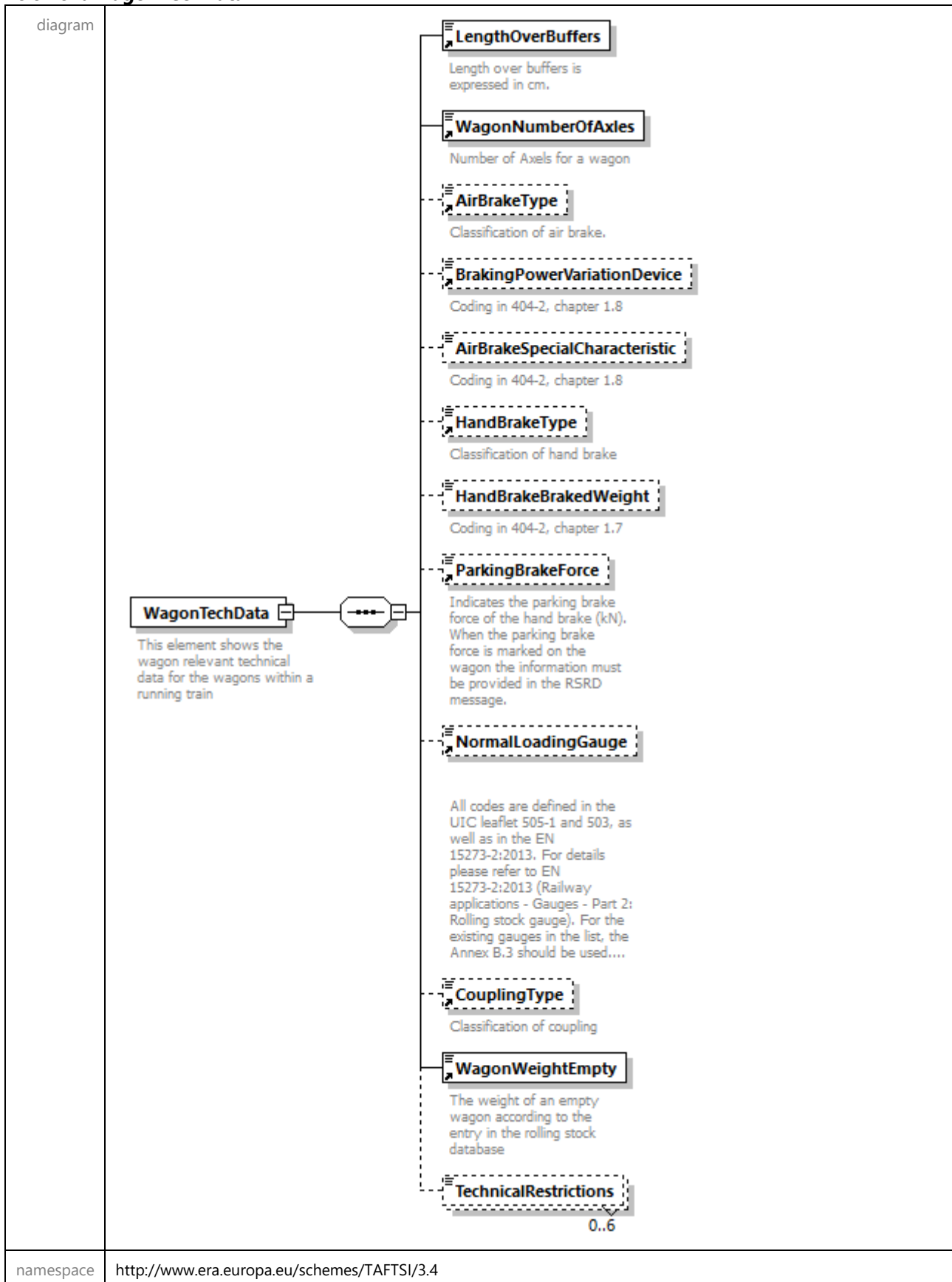
element **Wagons/GoodsInWagon/HS_Code**

diagram	 <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple						
minOcc	0												
maxOcc	1												
content	simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>6</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	6		maxLength	10		pattern	\d*[1-9]\d*	
Kind	Value	Annotation											
minLength	6												
maxLength	10												
pattern	\d*[1-9]\d*												
annotation	<p>documentation</p> <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p>												
source	<pre> <xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **Wagons/GoodsInWagon/EWC_Key**


diagram	 <p>Numeric key according to the European Waste Catalogue</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 6 pattern \d*
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC
source	<pre> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTechData**

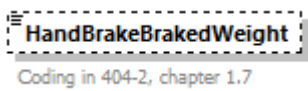


properties	content complex
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions
used by	element WagonData
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train
source	<pre> <xs:element name="WagonTechData"> <xs:annotation> <xs:documentation>This element shows the wagon relevant technical data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LengthOverBuffers"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="AirBrakeType" minOccurs="0"/> <xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/> <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="HandBrakeType" minOccurs="0"/> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element ref="WagonWeightEmpty"/> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element> </pre>


element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	 Coding in 404-2, chapter 1.8
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
annotation	documentation Coding in 404-2, chapter 1.8
source	<pre><xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

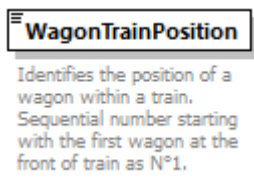
element **WagonTechData/HandBrakeBrakedWeight**

diagram	 Coding in 404-2, chapter 1.7
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation Coding in 404-2, chapter 1.7
source	<pre><xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

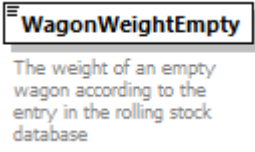
element **WagonTechData/TechnicalRestrictions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	Numeric2-2
properties	minOcc 0 maxOcc 6 content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<code><xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/></code>

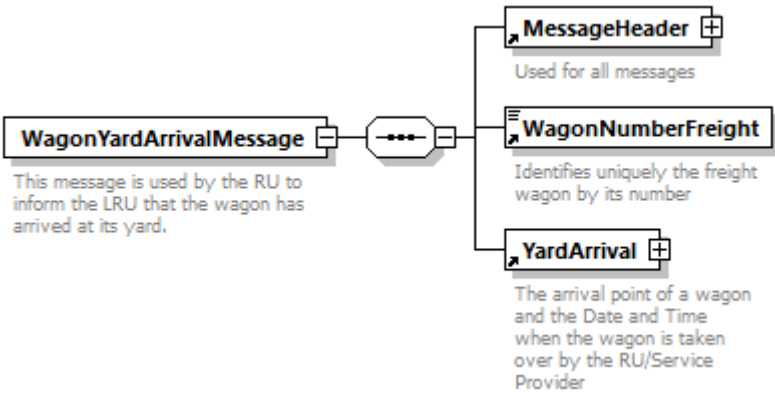
element **WagonTrainPosition**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:int
properties	content simple
used by	element WagonData
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
source	<pre><xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonWeightEmpty**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	WeightValueKilo												
properties	content simple												
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of an empty wagon according to the entry in the rolling stock database												
source	<pre><xs:element name="WagonWeightEmpty" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of an empty wagon according to the entry in the rolling stock database</xs:documentation> </xs:annotation> </xs:element></pre>												

element **WagonYardArrivalMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader WagonNumberFreight YardArrival
annotation	documentation This message is used by the RU to inform the LRU that the wagon has arrived at its yard.
source	<pre><xs:element name="WagonYardArrivalMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType></pre>

	<pre> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardArrival"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **WagonYardDepartureMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	MessageHeader WagonNumberFreight YardDeparture
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.
source	<pre> <xs:element name="WagonYardDepartureMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardDeparture"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WeightOfSetOfCarriages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	WeightValueTonne

properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The calculated maximum weight of all carriages without the traction									
source	<pre><xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation> </xs:annotation> </xs:element></pre>									

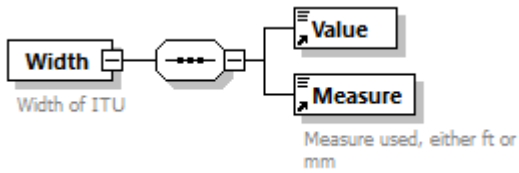
element **WheelDiameter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Diameter of wheels measured in mm. Reference wheel diameter at maximum.									
source	<pre><xs:element name="WheelDiameter"> <xs:annotation> <xs:documentation>Diameter of wheels measured in mm. Reference wheel diameter at maximum. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WheelsetGauge**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge									
source	<pre><xs:element name="WheelsetGauge"> <xs:annotation> <xs:documentation>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Width**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Width of ITU
source	<pre><xs:element name="Width"> <xs:annotation> <xs:documentation>Width of ITU</xs:documentation> </xs:annotation></pre>

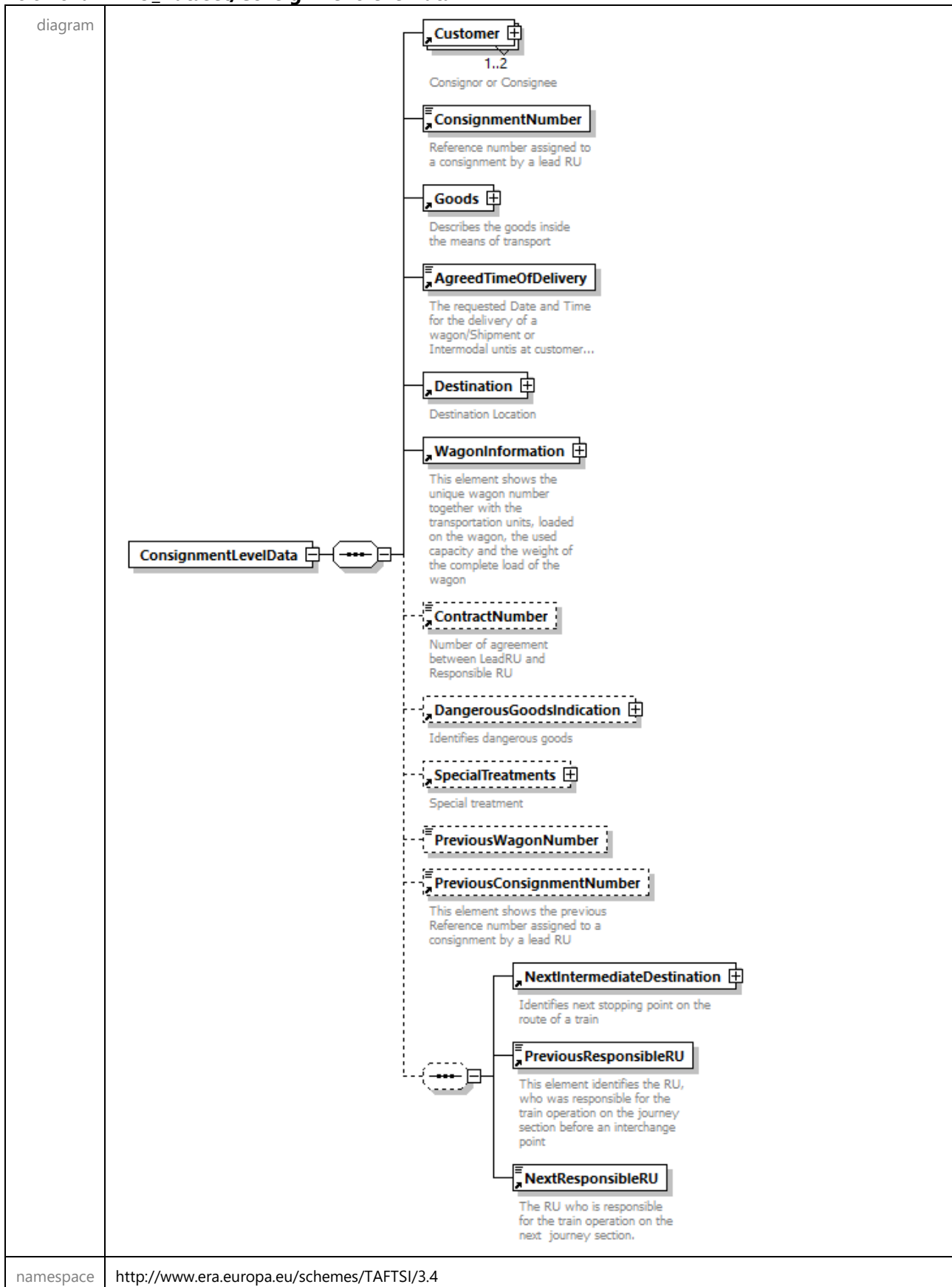
	<pre> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **WIMO_Dataset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	ConsignmentLevelData EventLevelData RollingStockDataset
annotation	documentation Comment describing your root element
source	<pre> <xs:element name="WIMO_Dataset"> <xs:annotation> <xs:documentation>Comment describing your root element</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="EventLevelData"> </pre>

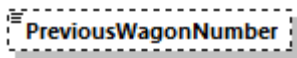
```
<xs:complexType>
  <xs:sequence>
    <xs:element ref="WagonEventInformation"/>
    <xs:element ref="VesselIndication" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="RollingStockDataset"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **WIMO_Dataset/ConsignmentLevelData**



properties	content complex
children	Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU
source	<pre> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	WagonIdent
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
source	<pre><xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/></pre>

element **WIMO_Dataset/EventLevelData**

diagram	<p>WagonEventInformation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>VesselIndication This element identifies to which extent the transportation unit is used</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	WagonEventInformation VesselIndication
source	<pre><xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **YardArrival**

diagram	<p>YardArrival The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p> <p>Location Identifies a Location using a LocationIdent</p> <p>ArrivalTimeAtLocationActual The actual arrival date and time at the defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Location ArrivalTimeAtLocationActual
used by	element WagonYardArrivalMessage
annotation	documentation The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre><xs:element name="YardArrival"> <xs:annotation> <xs:documentation>The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocationActual"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **YardDeparture**

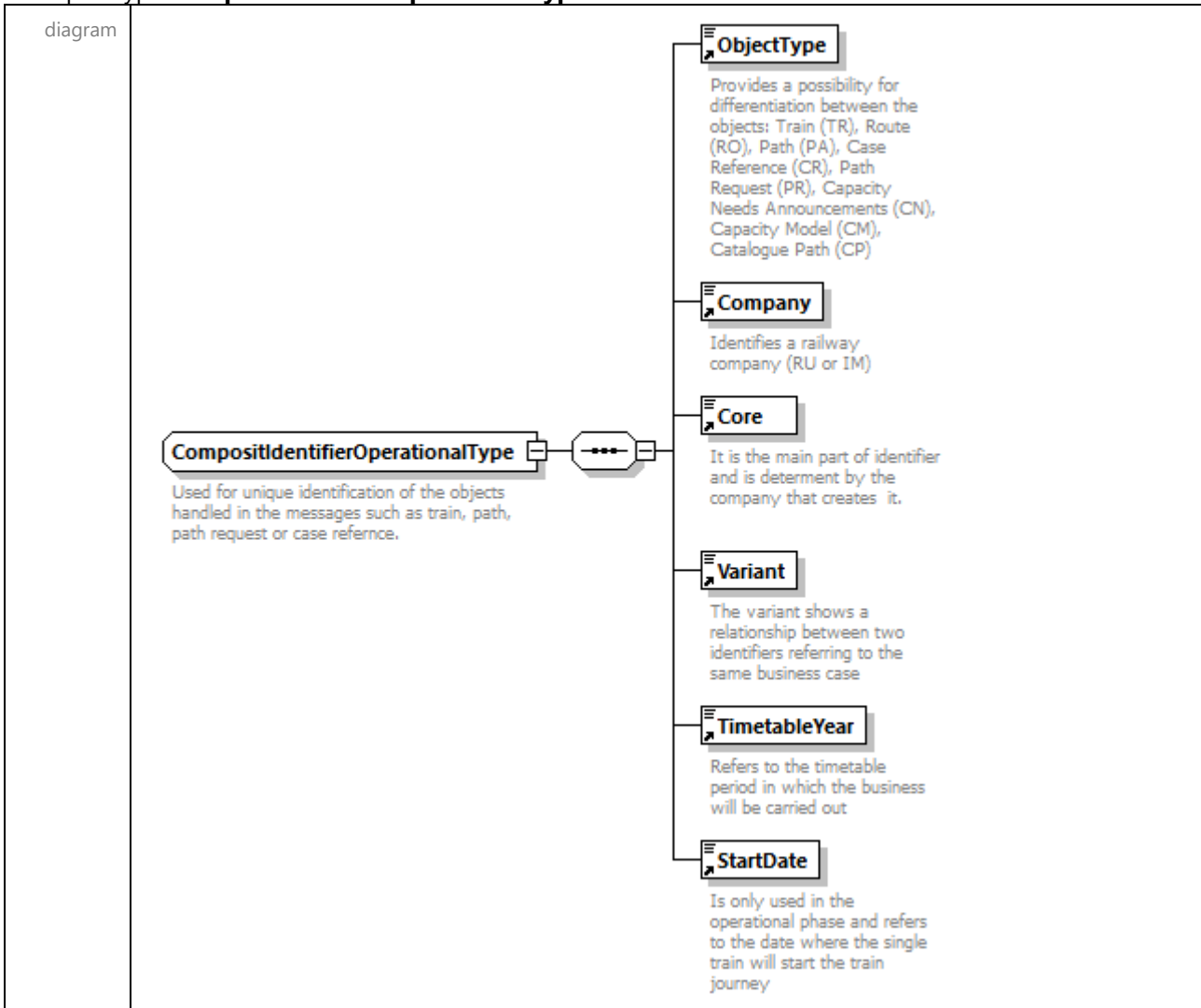
diagram	<pre> graph LR YD[YardDeparture] --- S((Sequence)) S --- L[Location] S --- DTA[DepartureTimeAtLocation] </pre> <p>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p> <p>Identifies a Location using a LocationIdent</p> <p>the scheduled departure date and time at a defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonYardDepartureMessage
annotation	documentation The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre> <xs:element name="YardDeparture"> <xs:annotation> <xs:documentation>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

complexType **CargoCodeType**

diagram	<pre> graph LR CC[CargoCodeType] </pre> <p>Identification of the Cargo and the nomenclature used</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	extension of FreeText									
properties	base FreeText									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identification of the Cargo and the nomenclature used									
source	<pre> <xs:complexType name="CargoCodeType"> <xs:annotation> <xs:documentation>Identification of the Cargo and the nomenclature used</xs:documentation> </xs:annotation> <xs:simpleContent> </pre>									

```
<xs:extension base="FreeText"/>
</xs:simpleContent>
</xs:complexType>
```

complexType **CompositIdentifierOperationalType**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements RelatedTransportOperationalIdentifiers TrainID TransportOperationalIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre><xs:complexType name="CompositIdentifierOperationalType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> </pre>

	<pre> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate"> <xs:annotation> <xs:documentation>Is only used in the operational phase and refers to the date where the single train will start the train journey</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **CompositIdentifierPlannedType**

diagram	<p>CompositIdentifierPlannedType Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p> <ul style="list-style-type: none"> ObjectType Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) Company Identifies a railway company (RU or IM) Core It is the main part of identifier and is determent by the company that creates it. Variant The variant shows a relationship between two identifiers referring to the same business case TimetableYear Refers to the timetable period in which the business will be carried out StartDate The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.

source	<pre> <xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
--------	--

complexType **ConsignmentIdent**

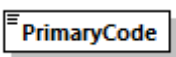
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	extension of xs:string
properties	base xs:string
used by	elements ConsignmentNumber PreviousConsignmentNumber
annotation	documentation Identifies a waybill by its number and type
source	<pre> <xs:complexType name="ConsignmentIdent"> <xs:annotation> <xs:documentation>Identifies a waybill by its number and type</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"/> </xs:simpleContent> </xs:complexType> </pre>

complexType **CustomerCode**

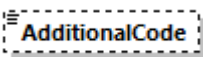
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	CountryCodeISO PrimaryCode AdditionalCode

used by	element Customer
annotation	documentation Identifies the railway customer
source	<pre><xs:complexType name="CustomerCode"> <xs:annotation> <xs:documentation>Identifies the railway customer</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="PrimaryCode" type="String1-14"/> <xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/> </xs:sequence> </xs:complexType></pre>

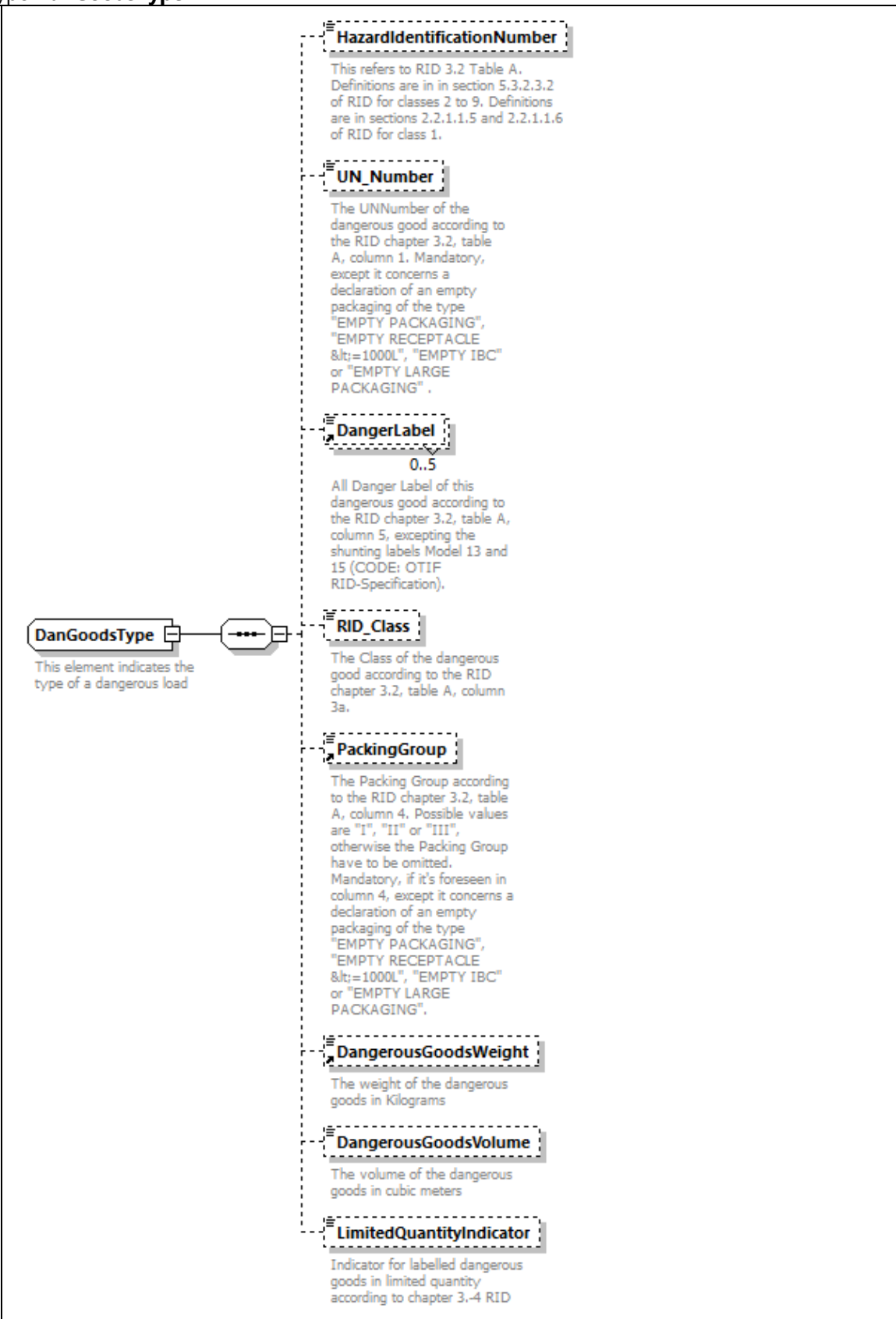
element **CustomerCode/PrimaryCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	String1-14									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>14</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<pre><xs:element name="PrimaryCode" type="String1-14"/></pre>									

element **CustomerCode/AdditionalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	String1-7									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<pre><xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/></pre>									

complexType **DanGoodsType**

<p>diagram</p> 	<p>HazardIdentificationNumber</p> <p>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p> <p>UN Number</p> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerLabel</p> <p>0..5</p> <p>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>RID Class</p> <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p>PackingGroup</p> <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerousGoodsWeight</p> <p>The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume</p> <p>The volume of the dangerous goods in cubic meters</p> <p>LimitedQuantityIndicator</p> <p>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>

children	HazardIdentificationNumber UN_Number DangerLabel RID_Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre> <xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> </pre>

```

        <xs:annotation>
          <xs:documentation>Explosive materials, division
1.4</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    <xs:enumeration value="1.5">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.5</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1.6">
      <xs:annotation>
        <xs:documentation>Explosive materials, division
1.6</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.1">
      <xs:annotation>
        <xs:documentation>Flammable gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.2">
      <xs:annotation>
        <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2.3">
      <xs:annotation>
        <xs:documentation>Toxic gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Flammable liquids</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.1">
      <xs:annotation>
        <xs:documentation>Flammable solids , self-reactive substances
and solid desensitized explosives</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.2">
      <xs:annotation>
        <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4.3">
      <xs:annotation>
        <xs:documentation>Substances which, in contact with water,
emit flammable gases</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5.1">
      <xs:annotation>

```


```

        <xs:documentation>Oxidizing substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5.2">
      <xs:annotation>
        <xs:documentation>Organic peroxides</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6.1">
      <xs:annotation>
        <xs:documentation>Toxic substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6.2">
      <xs:annotation>
        <xs:documentation>Infectious substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Radioactive material</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Corrosive substances</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9A">
      <xs:annotation>
        <xs:documentation>Same as 9 but for Battery
Group.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="LimitedQuantityIndicator" type="xs:boolean"

```

	<pre> minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

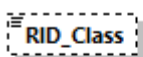
element **DanGoodsType/HazardIdentificationNumber**

diagram	 <p>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
annotation	documentation This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.									
source	<pre> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **DanGoodsType/UN_Number**

diagram	 <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
used by	element SummaryOFGoodsWithSameRID									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".									
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DanGoodsType/RID_Class**

diagram	 <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	enumeration	1	documentation Explosive materials, divisions 1.1, 1.2 and 1.3
	enumeration	1.4	documentation Explosive materials, division 1.4
	enumeration	1.5	documentation Explosive materials, division 1.5
	enumeration	1.6	documentation Explosive materials, division 1.6
	enumeration	2.1	documentation Flammable gases
	enumeration	2.2	documentation Non-flammable, non-toxic gases
	enumeration	2.3	documentation Toxic gases
	enumeration	3	documentation Flammable liquids
	enumeration	4.1	documentation Flammable solids, self-reactive substances and solid desensitized explosives
	enumeration	4.2	documentation Substances liable to spontaneous combustion
	enumeration	4.3	documentation Substances which, in contact with water, emit flammable gases
	enumeration	5.1	documentation Oxidizing substances
	enumeration	5.2	documentation Organic peroxides
	enumeration	6.1	documentation Toxic substances
	enumeration	6.2	documentation Infectious substances
	enumeration	7	documentation Radioactive material
	enumeration	8	documentation Corrosive substances
	enumeration	9	documentation Miscellaneous dangerous substances and articles
	enumeration	9A	documentation Same as 9 but for Battery Group.
annotation	documentation		The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation> </pre>		

```

    <xs:documentation>Explosive materials, division
1.4</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1.5">
    <xs:annotation>
      <xs:documentation>Explosive materials, division
1.5</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1.6">
    <xs:annotation>
      <xs:documentation>Explosive materials, division
1.6</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2.1">
    <xs:annotation>
      <xs:documentation>Flammable gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2.2">
    <xs:annotation>
      <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2.3">
    <xs:annotation>
      <xs:documentation>Toxic gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="3">
    <xs:annotation>
      <xs:documentation>Flammable liquids</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.1">
    <xs:annotation>
      <xs:documentation>Flammable solids , self-reactive substances and
solid desensitized explosives</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.2">
    <xs:annotation>
      <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4.3">
    <xs:annotation>
      <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5.1">
    <xs:annotation>
      <xs:documentation>Oxidizing substances</xs:documentation>

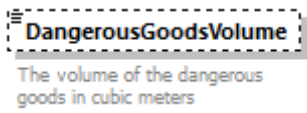
```

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.2">
  <xs:annotation>
    <xs:documentation>Organic peroxides</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.1">
  <xs:annotation>
    <xs:documentation>Toxic substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.2">
  <xs:annotation>
    <xs:documentation>Infectious substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Radioactive material</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Corrosive substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9A">
  <xs:annotation>
    <xs:documentation>Same as 9 but for Battery
Group.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

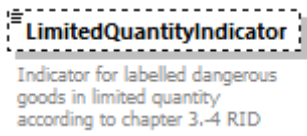
```

element **DanGoodsType/DangerousGoodsVolume**

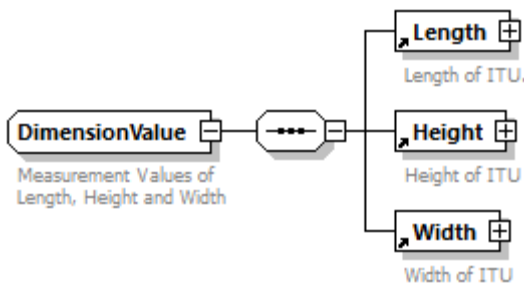
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOfGoodsWithSameRID

annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **DanGoodsType/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre>

complexType **DimensionValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	Length Height Width
annotation	documentation Measurement Values of Length, Height and Width
source	<pre><xs:complexType name="DimensionValue"> <xs:annotation> <xs:documentation>Measurement Values of Length, Height and Width</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="Length"/> </xs:sequence> </xs:complexType></pre>

	<pre> <xs:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType> </pre>
--	--

complexType **IntermodalTransportDataType**

diagram	<p>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	TypeOfLoadUnit LoadUnitNumber
used by	element WagonData/IntermodalTransportData
annotation	documentation Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units
source	<pre> <xs:complexType name="IntermodalTransportDataType"> <xs:annotation> <xs:documentation>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/> </xs:sequence> </xs:complexType> </pre>

element **IntermodalTransportDataType/TypeOfLoadUnit**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																		
type	TypeOfLoadUnitType																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation truck</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers	enumeration	04	documentation truck
Kind	Value	Annotation																	
enumeration	00	documentation unknown																	
enumeration	01	documentation Container																	
enumeration	02	documentation swap bodies																	
enumeration	03	documentation semitrailers																	
enumeration	04	documentation truck																	
source	<pre> <xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/> </pre>																		

element **IntermodalTransportDataType/LoadUnitNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	LoadUnitNumberType
properties	content simple
facets	Kind Value Annotation whiteSpace replace pattern [A-Za-z0-9]{11}
source	<code><xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/></code>

complexType **LocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	<p>element TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation AssociatedAttachedLocationIdent DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanc ePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End EndLocation AffectedSection/EndOfSection IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack NetworkProjectedLocation/NextLocation Notes/NoteLocationIdent ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo ConsignmentOrderMessage/COMS/COM/ChargingSections/Start StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint</p>
annotation	documentation Indication of the Railway or Customer Location
source	<code><xs:complexType name="LocationIdent"> <xs:annotation> <xs:documentation>Indication of the Railway or Customer</code>

```
Location</xs:documentation>
</xs:annotation>
<xs:sequence>
  <xs:element ref="CountryCodeISO"/>
  <xs:element ref="LocationPrimaryCode"/>
  <xs:element ref="PrimaryLocationName" minOccurs="0"/>
  <xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
```

complexType **TrainActivityType**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>children</p>	<p>TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber</p>

	AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField
used by	element TrainActivity
source	<pre> <xs:complexType name="TrainActivityType"> <xs:sequence> <xs:element ref="TrainActivityType"/> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> <xs:element ref="AssociatedAttachedTrainServiceNumber" minOccurs="0"/> <xs:element ref="AssociatedAttachedTimingAtLocation" minOccurs="0"/> <xs:element ref="AssociatedAttachedLocationIdent" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
children	TelematicsOnBoard TelematicsDevice
used by	element RollingStockDataset/DesignDataSet/WagonTelematics
source	<pre> <xs:complexType name="WagonTelematics"> <xs:sequence> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>

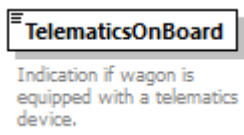
```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ComponentMounted" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Superstructure"/>
      <xs:enumeration value="Tank"/>
      <xs:enumeration value="End wall"/>
      <xs:enumeration value="Side wall"/>
      <xs:enumeration value="Marking plate"/>
      <xs:enumeration value="Frame"/>
      <xs:enumeration value="Headstock"/>
      <xs:enumeration value="Saddle plate"/>
      <xs:enumeration value="Longitudinal beam"/>
      <xs:enumeration value="Latitudinal beam"/>
      <xs:enumeration value="Hitch"/>
      <xs:enumeration value="Bogie"/>
      <xs:enumeration value="Axle"/>
      <xs:enumeration value="Axle box"/>
      <xs:enumeration value="Lift off protection"/>
      <xs:enumeration value="Brake system"/>
      <xs:enumeration value="Brake blocks"/>
      <xs:enumeration value="Air pipes"/>
      <xs:enumeration value="Brake valves"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of where the
telematics unit is located on the component.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Side"/>
      <xs:enumeration value="Top"/>
      <xs:enumeration value="Bottom"/>
      <xs:enumeration value="Inside"/>
      <xs:enumeration value="Left"/>
      <xs:enumeration value="Right"/>
      <xs:enumeration value="Center"/>
      <xs:enumeration value="Below isolation"/>
      <xs:enumeration value="Hand brake end"/>
      <xs:enumeration value="Non brake end"/>
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
      <xs:enumeration value="5"/>
      <xs:enumeration value="6"/>
      <xs:enumeration value="7"/>
      <xs:enumeration value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

	<pre> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

element **WagonTelematics/TelematicsOnBoard**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is equipped with a telematics device.
source	<pre> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </pre>


```
</xs:annotation>
</xs:element>
```

element **WagonTelematics/TelematicsDevice**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>DeviceType ComponentMounted MountedPosition ManufacturerName ATEXCertified ATEXLevel</p>
<p>annotation</p>	<p>documentation Detailed information about a specific telematics device.</p>
<p>source</p>	<pre><xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType></pre>

```

    <xs:restriction base="xs:string">
      <xs:enumeration value="Telematics Unit"/>
      <xs:enumeration value="Sensor"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ComponentMounted" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Superstructure"/>
      <xs:enumeration value="Tank"/>
      <xs:enumeration value="End wall"/>
      <xs:enumeration value="Side wall"/>
      <xs:enumeration value="Marking plate"/>
      <xs:enumeration value="Frame"/>
      <xs:enumeration value="Headstock"/>
      <xs:enumeration value="Saddle plate"/>
      <xs:enumeration value="Longitudinal beam"/>
      <xs:enumeration value="Latitudinal beam"/>
      <xs:enumeration value="Hitch"/>
      <xs:enumeration value="Bogie"/>
      <xs:enumeration value="Axle"/>
      <xs:enumeration value="Axle box"/>
      <xs:enumeration value="Lift off protection"/>
      <xs:enumeration value="Brake system"/>
      <xs:enumeration value="Brake blocks"/>
      <xs:enumeration value="Air pipes"/>
      <xs:enumeration value="Brake valves"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of where the telematics
unit is located on the component.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Side"/>
      <xs:enumeration value="Top"/>
      <xs:enumeration value="Bottom"/>
      <xs:enumeration value="Inside"/>
      <xs:enumeration value="Left"/>
      <xs:enumeration value="Right"/>
      <xs:enumeration value="Center"/>
      <xs:enumeration value="Below isolation"/>
      <xs:enumeration value="Hand brake end"/>
      <xs:enumeration value="Non brake end"/>
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
      <xs:enumeration value="5"/>
    </xs:restriction>
  </xs:simpleType>


```

```

        <xs:enumeration value="6"/>
        <xs:enumeration value="7"/>
        <xs:enumeration value="8"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ManufacturerName" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Name of the manufacturer of the
telematics device.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="255"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of ATEX level (gas and
dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4
Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="50"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

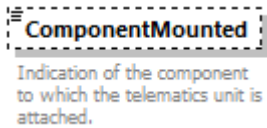
```

element **WagonTelematics/TelematicsDevice/DeviceType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>Telematics Unit</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Sensor</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	Telematics Unit		enumeration	Sensor	
Kind	Value	Annotation								
enumeration	Telematics Unit									
enumeration	Sensor									
annotation	documentation Specification of type of telematics device.									
source	<xs:element name="DeviceType">									

	<pre> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

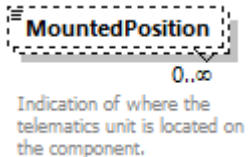
element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram																																																													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																												
type	restriction of xs:string																																																												
properties	minOcc 0 maxOcc 1 content simple																																																												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>Superstructure</td><td></td></tr> <tr><td>enumeration</td><td>Tank</td><td></td></tr> <tr><td>enumeration</td><td>End wall</td><td></td></tr> <tr><td>enumeration</td><td>Side wall</td><td></td></tr> <tr><td>enumeration</td><td>Marking plate</td><td></td></tr> <tr><td>enumeration</td><td>Frame</td><td></td></tr> <tr><td>enumeration</td><td>Headstock</td><td></td></tr> <tr><td>enumeration</td><td>Saddle plate</td><td></td></tr> <tr><td>enumeration</td><td>Longitudinal beam</td><td></td></tr> <tr><td>enumeration</td><td>Latitudinal beam</td><td></td></tr> <tr><td>enumeration</td><td>Hitch</td><td></td></tr> <tr><td>enumeration</td><td>Bogie</td><td></td></tr> <tr><td>enumeration</td><td>Axle</td><td></td></tr> <tr><td>enumeration</td><td>Axle box</td><td></td></tr> <tr><td>enumeration</td><td>Lift off protection</td><td></td></tr> <tr><td>enumeration</td><td>Brake system</td><td></td></tr> <tr><td>enumeration</td><td>Brake blocks</td><td></td></tr> <tr><td>enumeration</td><td>Air pipes</td><td></td></tr> <tr><td>enumeration</td><td>Brake valves</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Superstructure		enumeration	Tank		enumeration	End wall		enumeration	Side wall		enumeration	Marking plate		enumeration	Frame		enumeration	Headstock		enumeration	Saddle plate		enumeration	Longitudinal beam		enumeration	Latitudinal beam		enumeration	Hitch		enumeration	Bogie		enumeration	Axle		enumeration	Axle box		enumeration	Lift off protection		enumeration	Brake system		enumeration	Brake blocks		enumeration	Air pipes		enumeration	Brake valves	
Kind	Value	Annotation																																																											
enumeration	Superstructure																																																												
enumeration	Tank																																																												
enumeration	End wall																																																												
enumeration	Side wall																																																												
enumeration	Marking plate																																																												
enumeration	Frame																																																												
enumeration	Headstock																																																												
enumeration	Saddle plate																																																												
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enumeration	Brake blocks																																																												
enumeration	Air pipes																																																												
enumeration	Brake valves																																																												
annotation	documentation Indication of the component to which the telematics unit is attached.																																																												
source	<pre> <xs:element name="ComponentMounted" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation> </xs:annotation> <xs:simpleType> </pre>																																																												

```

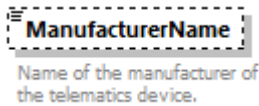
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  <xs:enumeration value="Tank"/>
  <xs:enumeration value="End wall"/>
  <xs:enumeration value="Side wall"/>
  <xs:enumeration value="Marking plate"/>
  <xs:enumeration value="Frame"/>
  <xs:enumeration value="Headstock"/>
  <xs:enumeration value="Saddle plate"/>
  <xs:enumeration value="Longitudinal beam"/>
  <xs:enumeration value="Latitudinal beam"/>
  <xs:enumeration value="Hitch"/>
  <xs:enumeration value="Bogie"/>
  <xs:enumeration value="Axle"/>
  <xs:enumeration value="Axle box"/>
  <xs:enumeration value="Lift off protection"/>
  <xs:enumeration value="Brake system"/>
  <xs:enumeration value="Brake blocks"/>
  <xs:enumeration value="Air pipes"/>
  <xs:enumeration value="Brake valves"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **WagonTelematics/TelematicsDevice/MountedPosition**

diagram																																																	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																
type	restriction of xs:string																																																
properties	minOcc 0 maxOcc unbounded content simple																																																
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>Side</td><td></td></tr> <tr><td>enumeration</td><td>Top</td><td></td></tr> <tr><td>enumeration</td><td>Bottom</td><td></td></tr> <tr><td>enumeration</td><td>Inside</td><td></td></tr> <tr><td>enumeration</td><td>Left</td><td></td></tr> <tr><td>enumeration</td><td>Right</td><td></td></tr> <tr><td>enumeration</td><td>Center</td><td></td></tr> <tr><td>enumeration</td><td>Below isolation</td><td></td></tr> <tr><td>enumeration</td><td>Hand brake end</td><td></td></tr> <tr><td>enumeration</td><td>Non brake end</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>5</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Side		enumeration	Top		enumeration	Bottom		enumeration	Inside		enumeration	Left		enumeration	Right		enumeration	Center		enumeration	Below isolation		enumeration	Hand brake end		enumeration	Non brake end		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5	
Kind	Value	Annotation																																															
enumeration	Side																																																
enumeration	Top																																																
enumeration	Bottom																																																
enumeration	Inside																																																
enumeration	Left																																																
enumeration	Right																																																
enumeration	Center																																																
enumeration	Below isolation																																																
enumeration	Hand brake end																																																
enumeration	Non brake end																																																
enumeration	1																																																
enumeration	2																																																
enumeration	3																																																
enumeration	4																																																
enumeration	5																																																

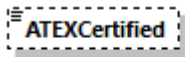
	enumeration 6 enumeration 7 enumeration 8
annotation	documentation Indication of where the telematics unit is located on the component.
source	<pre> <xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Indication of where the telematics unit is located on the component.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Side"/> <xs:enumeration value="Top"/> <xs:enumeration value="Bottom"/> <xs:enumeration value="Inside"/> <xs:enumeration value="Left"/> <xs:enumeration value="Right"/> <xs:enumeration value="Center"/> <xs:enumeration value="Below isolation"/> <xs:enumeration value="Hand brake end"/> <xs:enumeration value="Non brake end"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/ManufacturerName**

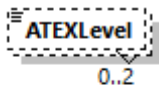
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 255
annotation	documentation Name of the manufacturer of the telematics device.
source	<pre> <xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **WagonTelematics/TelematicsDevice/ATEXCertified**

diagram	 <p>Indication if the telematics device is ATEX certified.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if the telematics device is ATEX certified.
source	<pre> <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **WagonTelematics/TelematicsDevice/ATEXLevel**

diagram	 <p>Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 2 content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>50</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	50	
Kind	Value	Annotation					
maxLength	50						
annotation	documentation Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.						
source	<pre> <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </pre>						

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="50"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

simpleType CommunicationRefID

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	elements eMail FaxNumber PhoneNumber TrainContactDetails									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)									
source	<pre> <xs:simpleType name="CommunicationRefID"> <xs:annotation> <xs:documentation>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType CompanyCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of String4-4
properties	base String4-4
used by	<p>elements</p> <ul style="list-style-type: none"> AllocationCompany ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode Wagons/WagonDetails/Examination/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Company CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU IM Partner ImpactedRU ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU Recipient ResponsibleApplicant ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode ResponsibleIM ResponsibleRU RU Partner ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode Sender ConsignmentOrderMessage/COMS/COM_Header/SendingRU TrafficType/TrafficTypeNetwork TransfereeIM

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<p>documentation</p> <p>Identifies the RU, IM or other company involved in the Rail Transport Chain</p>												
source	<pre><xs:simpleType name="CompanyCode"> <xs:annotation> <xs:documentation>Identifies the RU, IM or other company involved in the Rail Transport Chain</xs:documentation> </xs:annotation> <xs:restriction base="String4-4"> <xs:pattern value="[0-9A-Z]{4}"/> </xs:restriction> </xs:simpleType></pre>												

simpleType **CountryIdentISO**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	<p>elements</p> <p>Customers/Country ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode CountryCodeISO ILU_Details/DepartureCountry ITU_Details/DepartureCountry RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries OriginCountry RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry RollingStockDataset/AdministrativeDataSet/RegistrationCountry UltimateDestinationCountry</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<p>documentation</p> <p>ISO 3166-1 alpha code (2 positions)</p>									
source	<pre><xs:simpleType name="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO 3166-1 alpha code (2 positions)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType></pre>									

simpleType **CurrencyCode_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	base xs:string

used by	elements ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation CODE: ISO Currency code (ISO-4217)
source	<pre><xs:simpleType name="CurrencyCode_Type"> <xs:annotation> <xs:documentation>CODE: ISO Currency code (ISO-4217)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="[A-Z][A-Z][A-Z]" /> </xs:restriction> </xs:simpleType></pre>

simpleType DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	base xs:string
used by	elements AgainstBooked AgainstReferenced
facets	Kind Value Annotation length 5
annotation	documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric
source	<pre><xs:simpleType name="DeltaTime"> <xs:annotation> <xs:documentation>Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5" /> </xs:restriction> </xs:simpleType></pre>

simpleType DerailmentDetectionDevice

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	base xs:string
used by	element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
annotation	documentation Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device.

	<p>The following values are defined: EDT 101 MDV 100 Non coded device</p>
source	<pre> <xs:simpleType name="DerailmentDetectionDevice"> <xs:annotation> <xs:documentation>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EDT 101"/> <xs:enumeration value="MDV 100"/> <xs:enumeration value="Non coded device"/> </xs:restriction> </xs:simpleType> </pre>

simpleType EquipmentNumberType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	elements GoodsInWagon/ContainerNumber ITU Details/Number									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation Number of ITU									
source	<pre> <xs:simpleType name="EquipmentNumberType"> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="13"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType EquipmentTokenType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:token						
properties	base xs:token						
used by	element ITU Type						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>cn</td> <td>documentation Container</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	cn	documentation Container
Kind	Value	Annotation					
enumeration	cn	documentation Container					

	<p>enumeration sw documentation swap body</p> <p>enumeration te documentation Trailer (RollingRoad)</p>
annotation	<p>documentation Type of equipment</p>
source	<pre><xs:simpleType name="EquipmentTypeType"> <xs:annotation> <xs:documentation>Type of equipment</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="cn"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="sw"> <xs:annotation> <xs:documentation>swap body</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="te"> <xs:annotation> <xs:documentation>Trailer (RollingRoad)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre>

simpleType **ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	base	xs:token	
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	15	
	enumeration	16	
	enumeration	41	
	enumeration	42	
	enumeration	61	
	enumeration	62	
	enumeration	63	
	enumeration	70	
	enumeration	71	
	enumeration	92	
	enumeration	94	

	enumeration
annotation	documentation Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load
source	<pre> <xs:simpleType name="ForwardingRestrictionType"> <xs:annotation> <xs:documentation>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </pre>

simpleType **FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	base xs:string
used by	<p>elements AdditionalInstruction Address Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name Notes/Note PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription TransportInstruction NetworkSpecificParameter/Value</p> <p>complexType CargoCodeType</p>
facets	<p>Kind Value Annotation</p> <p>minLength 1</p> <p>maxLength 255</p>
annotation	documentation Clear Text in ISO Unicode character set
source	<pre> <xs:simpleType name="FreeText"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character </pre>

	<pre> set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType LoadUnitNumberType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	elements ILU_Details/LoadUnitNumber IntermodalTransportDataType/LoadUnitNumber									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Za-z0-9]{11}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	whiteSpace	replace		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
whiteSpace	replace									
pattern	[A-Za-z0-9]{11}									
annotation	documentation The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit									
source	<pre> <xs:simpleType name="LoadUnitNumberType"> <xs:annotation> <xs:documentation>The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:whiteSpace value="replace"/> <xs:pattern value="[A-Za-z0-9]{11}"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType Money_Type

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:decimal									
properties	base xs:decimal									
used by	elements ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	18		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	18									
fractionDigits	2									
annotation	documentation Type for all payments									
source	<pre> <xs:simpleType name="Money_Type"> <xs:annotation> <xs:documentation>Type for all payments</xs:documentation> </xs:annotation> </pre>									

	<pre> </xs:annotation> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType Name

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4						
type	restriction of xs:string						
properties	base xs:string						
used by	element VesselName						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>254</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation Name in Free Text						
source	<pre> <xs:simpleType name="Name"> <xs:annotation> <xs:documentation>Name in Free Text</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="254"/> </xs:restriction> </xs:simpleType> </pre>						

simpleType NHMCodeType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	elements NHM Code ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode Goods/PreviousLoadedGood Wagons/GoodsInWagon/PreviousLoadedGood									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation NHM Code									
source	<pre> <xs:simpleType name="NHMCodeType"> <xs:annotation> <xs:documentation>NHM Code</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </pre>									

simpleType Numeric1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:positiveInteger									
properties	base xs:positiveInteger									
used by	elements RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
source	<pre><xs:simpleType name="Numeric1-5"> <xs:restriction base="xs:positiveInteger"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Numeric1-6

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	base xs:int									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
source	<pre><xs:simpleType name="Numeric1-6"> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Numeric2-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	base xs:integer									
used by	<table border="1"> <thead> <tr> <th>elements</th> <th>attribute</th> </tr> </thead> <tbody> <tr> <td>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN</td> <td>CI InstanceNumber</td> </tr> </tbody> </table>	elements	attribute	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN	CI InstanceNumber					
elements	attribute									
RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN	CI InstanceNumber									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									

source	<pre><xs:simpleType name="Numeric2-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType></pre>
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simpleType Numeric3-3

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	base xs:integer									
used by	elements AirBrake/LoadChangeDevice/AirBrakedMassLoaded AirBrake/LoadChangeDevice/ChangeOverWeight simpleType Speed									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
source	<pre><xs:simpleType name="Numeric3-3"> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Numeric4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	base xs:integer									
used by	elements LengthOfSetOfCarriages RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
source	<pre><xs:simpleType name="Numeric4-4"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Percentage

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:float
properties	base xs:float
used by	element NetworkProjectedLocation/ProportionOfDistanceBetweenLocations

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	documentation decimal value between 0 and 100									
source	<pre> <xs:simpleType name="Percentage"> <xs:annotation> <xs:documentation>decimal value between 0 and 100</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **Speed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric3-3									
properties	base Numeric3-3									
used by	elements GNSS_DynamicPosition/CurrentSpeed HighestPlannedSpeed PlannedSpeed TrainMaxSpeed									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Shown in Km/h									
source	<pre> <xs:simpleType name="Speed"> <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction base="Numeric3-3"/> </xs:simpleType> </pre>									

simpleType **String1-10**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	element LocationSubsidiaryCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
source	<pre> <xs:simpleType name="String1-10"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10" fixed="false"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType String1-14

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	element CustomerCode/PrimaryCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>14</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<pre><xs:simpleType name="String1-14"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="14"/> </xs:restriction> </xs:simpleType></pre>									

simpleType String1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	element DelayMinutes									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
source	<pre><xs:simpleType name="String1-5"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre>									

simpleType String1-7

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	element CustomerCode/AdditionalCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<pre><xs:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType></pre>									

	<code></xs:simpleType></code>
--	-------------------------------------

simpleType String1-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	elements AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber OperationalTrainNumber									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
source	<pre><xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre>									

simpleType String4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
used by	simpleType CompanyCode									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4	
Kind	Value	Annotation								
minLength	4									
maxLength	4									
source	<pre><xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType></pre>									

simpleType String5-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	5	
Kind	Value	Annotation								
minLength	5									
maxLength	5									
source	<pre><xs:simpleType name="String5-5"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre>									

	<pre></xs:restriction> </xs:simpleType></pre>
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simpleType String5-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:string									
properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	8	
Kind	Value	Annotation								
minLength	5									
maxLength	8									
source	<pre><xs:simpleType name="String5-8"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Time

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:time
properties	base xs:time
annotation	documentation Time expressed in HH:MM:SS
source	<pre><xs:simpleType name="Time"> <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> <xs:restriction base="xs:time"/> </xs:simpleType></pre>

simpleType VolumeValue

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	xs:float
properties	base xs:float
used by	elements DangerousGoodsVolume Wagons/GoodsInWagon/RID/DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume Volume
annotation	documentation Volume value of the load units by cbm
source	<pre><xs:simpleType name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType></pre>

simpleType WagonIdent

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	base xs:string
used by	elements WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.
source	<pre><xs:simpleType name="WagonIdent"> <xs:annotation> <xs:documentation>Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="[0-9]{12}"/> </xs:restriction> </xs:simpleType></pre>

simpleType WeightValueKilo

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer
properties	base xs:integer
used by	elements DangerousGoodsWeight GrossWeight MaxGrossWeight ILU Details/TareWeight ITU Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty Wagons/GoodsInWagon/RID/WeightNettoExplosiveMass
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation In Kilograms
source	<pre><xs:simpleType name="WeightValueKilo"> <xs:annotation> <xs:documentation>In Kilograms</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:whiteSpace value="collapse"/> </xs:restriction> </xs:simpleType></pre>

</xs:simpleType>

simpleType **WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:int									
properties	base xs:int									
used by	elements TractionWeight TrainWeight WeightOfSetOfCarriages									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation In Tonnes									
source	<pre><xs:simpleType name="WeightValueTonne"> <xs:annotation> <xs:documentation>In Tonnes</xs:documentation> </xs:annotation> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre>									

attribute **CI_InstanceNumber**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	Numeric2-2									
used by	elements Recipient Sender									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of a Common Interface Instance for the same Company									
source	<pre><xs:attribute name="CI_InstanceNumber" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of a Common Interface Instance for the same Company</xs:documentation> </xs:annotation> </xs:attribute></pre>									

XML Schema documentation generated by [XMLSpy](#) Schema Editor <http://www.altova.com/xmlspy>

3. Schema taf_cat_codelists.xsd

schema location: [taf_cat_codelists.xsd](#)

attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.4**

Elements

[AirBrakeType](#)
[BrakeSpecialCharacteristics](#)
[BrakeType](#)
[BrakingPowerVariationDevice](#)
[CodeOfCause](#)
[CombinedTrafficLoadProfile](#)
[CommercialSpecificationCode](#)
[ConsignmentOrderType](#)
[ConsignorDeclarationCode](#)
[CouplingType](#)
[CustomerType](#)
[DangerLabel](#)
[EmptyPackingCode](#)
[HandBrakeType](#)
[ILU_TypeDetail](#)
[IncotermCode](#)
[InfoOnGoodsShapeTypeDanger](#)
[InteropCapability](#)
[JourneyLocationTypeCode](#)
[LivestockOrPeopleIndicator](#)
[LoadTableStars](#)
[MessageStatus](#)
[MRN_Type](#)
[NormalLoadingGauge](#)
[PackingGroup](#)
[PrepaidcodeCarrier](#)
[PrepaidCodeCustomer](#)
[ProcessType](#)
[ReasonOfReference](#)
[RefusalCode](#)
[RollingRoadUnitType](#)
[RouteClass](#)
[RU_DeclarationCode](#)
[TractionMode](#)
[TractionType](#)
[TrainRadioSystem](#)
[TrainRunningInterruptionStatus](#)
[TrainType](#)
[TypeOfRemovableAccessories](#)
[TypeOfUsedHybridPowerunit](#)
[WheelSetTransformationMethod](#)

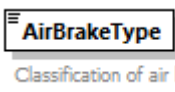
Simple types

[ConsignmentTypeCode](#)
[DelayCode](#)
[InfoIndex](#)
[MessageCode](#)
[RestrictionCodes](#)
[RunningStatus](#)
[TrainCC_SystemCode](#)
[TypeOfIMHarmonizationCode](#)
[TypeOfInformationCode](#)
[TypeOfLoadUnitType](#)
[TypeOfRequestCode](#)
[TypeOfRUHarmonizationCode](#)
[UnitType](#)

Attributes

[LocationSubsidiaryTypeCode](#)
[TimingQualifierCode](#)

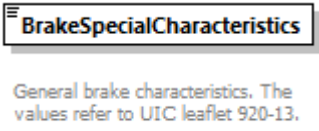
element **AirBrakeType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	0	documentation Through pipe
	enumeration	1	documentation G system only
	enumeration	2	documentation P system only
	enumeration	3	documentation G/P combined system
	enumeration	8	documentation No air brake or brake pipe
	enumeration	9	documentation Non coded system
annotation	documentation Classification of air brake.		
source	<pre> <xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Through pipe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>G system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>P system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>G/P combined system</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>No air brake or brake pipe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Non coded system</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

```

        <xs:documentation>Non coded system</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```


element **BrakeSpecialCharacteristics**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	0	documentation Cast Iron Brake Blocks
	enumeration	1	documentation Disc Brake
	enumeration	2	documentation K-Brake Blocks
	enumeration	3	documentation Cast Iron Brake Blocks, single release brake
	enumeration	4	documentation Composite Brake Blocks, single release brake
	enumeration	5	documentation L-Brake Blocks
	enumeration	6	documentation LL-Brake Blocks
	enumeration	9	documentation Unknown or non-coded information
annotation	documentation General brake characteristics. The values refer to UIC leaflet 920-13.		
source	<pre> <xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Disc Brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

```

</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>K-Brake Blocks</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Cast Iron Brake Blocks, single release
brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>Composite Brake Blocks, single release
brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>L-Brake Blocks</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>LL-Brake Blocks</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Unknown or non-coded
information</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **BrakeType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	0	documentation G: "Goods" for freight services with slow application and release times
	enumeration	1	documentation P: "Passenger" for passenger and freight services with quick application and release times.
	enumeration	2	documentation X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.

	enumeration 3	documentation R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances
	enumeration 4	documentation G+E: brake position G with additional brake=electro-dynamic brake
	enumeration 5	documentation G+H: brake position G with additional brake=hydro-dynamic brake
	enumeration 6	documentation P+E: brake position P with additional brake=electro-dynamic brake
	enumeration 7	documentation P+H: brake position P with additional brake=hydro-dynamic brake
	enumeration 8	documentation P+Mg: brake position P with additional brake=magnetic track brake
	enumeration 9	documentation R+E: brake position R with additional brake=electro-dynamic brake
	enumeration 10	documentation R+H: brake position R with additional brake=hydro-dynamic brake
	enumeration 11	documentation R+Mg: brake position R with additional brake=magnetic track brake
	enumeration 12	documentation R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse)
	enumeration 13	documentation R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake
	enumeration 14	documentation R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake
annotation	documentation	Type of braking system.
source	<pre> <xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>G: "Goods" for freight services with slow application and release times</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>P: "Passenger" for passenger and freight services with quick application and release times.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

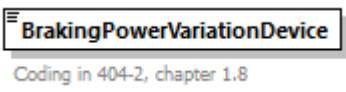
```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>G+E: brake position G with additional
brake=electro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>G+H: brake position G with additional
brake=hydro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>P+E: brake position P with additional
brake=electro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>P+H: brake position P with additional
brake=hydro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>P+Mg: brake position P with additional
brake=magnetic track brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>R+E: brake position R with additional
brake=electro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>R+H: brake position R with additional
brake=hydro-dynamic brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>R+Mg: brake position R with additional
brake=magnetic track brake</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>R+WB: brake position R with additional
brake=eddy current brake (German: Wirbelstrombremse)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>

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	<pre> <xs:documentation>R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **BrakingPowerVariationDevice**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																		
type	restriction of xs:integer																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation no braked weight variation device</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation empty/loaded manual or automatic device with one changeover weight</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation empty/loaded manual or automatic device with two or three changeover weights</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation linear auto continuous device with indication of maximum braked weight</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation non-codable variation device</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation no braked weight variation device	enumeration	1	documentation empty/loaded manual or automatic device with one changeover weight	enumeration	2	documentation empty/loaded manual or automatic device with two or three changeover weights	enumeration	8	documentation linear auto continuous device with indication of maximum braked weight	enumeration	9	documentation non-codable variation device
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enumeration	0	documentation no braked weight variation device																	
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enumeration	8	documentation linear auto continuous device with indication of maximum braked weight																	
enumeration	9	documentation non-codable variation device																	
annotation	documentation Coding in 404-2, chapter 1.8																		
source	<pre> <xs:element name="BrakingPowerVariationDevice"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>no braked weight variation device</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with one changeover weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> </pre>																		

	<pre> <xs:documentation>empty/loaded manual or automatic device with two or three changeover weights</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>linear auto continuous device with indication of maximum braked weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>non-codable variation device</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **CodeOfCause**

diagram																															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																														
type	restriction of xs:token																														
properties	content simple																														
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Examination of the consignment (CIM Article11)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Amendment of the contract of carriage (CIM Article 18)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Circumstances preventing carriage (CIM Article 20)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Circumstances preventing delivery (CIM Article21)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Attention to be given to the consignment</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Rectification of the load following unsatisfactory loading by the consignor</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Transshipment following unsatisfactory loading by the consignor</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation Other causes: ...</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)	enumeration	2	documentation Examination of the consignment (CIM Article11)	enumeration	3	documentation Amendment of the contract of carriage (CIM Article 18)	enumeration	4	documentation Circumstances preventing carriage (CIM Article 20)	enumeration	5	documentation Circumstances preventing delivery (CIM Article21)	enumeration	6	documentation Attention to be given to the consignment	enumeration	7	documentation Rectification of the load following unsatisfactory loading by the consignor	enumeration	8	documentation Transshipment following unsatisfactory loading by the consignor	enumeration	9	documentation Other causes: ...
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enumeration	8	documentation Transshipment following unsatisfactory loading by the consignor																													
enumeration	9	documentation Other causes: ...																													
annotation	documentation Code of reason for extension																														
source	<pre> <xs:element name="CodeOfCause"> <xs:annotation> <xs:documentation>Code of reason for extension</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> </pre>																														

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    <xs:annotation>
      <xs:documentation>Completion of formalities required by customs or
other administrative authorities (CIM Article 15)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2">
    <xs:annotation>
      <xs:documentation>Examination of the consignment (CIM
Article11)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="3">
    <xs:annotation>
      <xs:documentation>Amendment of the contract of carriage (CIM
Article 18)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4">
    <xs:annotation>
      <xs:documentation>Circumstances preventing carriage (CIM Article
20)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5">
    <xs:annotation>
      <xs:documentation>Circumstances preventing delivery (CIM
Article21)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="6">
    <xs:annotation>
      <xs:documentation>Attention to be given to the
consignment</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7">
    <xs:annotation>
      <xs:documentation>Rectification of the load following
unsatisfactory loading by the consignor</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="8">
    <xs:annotation>
      <xs:documentation>Transhipment following unsatisfactory loading by
the consignor</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="9">
    <xs:annotation>
      <xs:documentation>Other causes: ...</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

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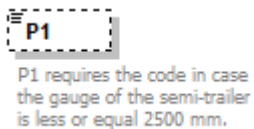

element **CombinedTrafficLoadProfile**

<p>diagram</p>	<p>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>P1 P2 C1 C2</p>
<p>annotation</p>	<p>documentation This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p>
<p>source</p>	<pre><xs:element name="CombinedTrafficLoadProfile"> <xs:annotation> <xs:documentation>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

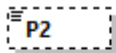
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            <xs:pattern value="\d{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="P2" minOccurs="0">
    <xs:annotation>
        <xs:documentation>P2 requires the code in case the gauge of the
semi-trailer is greater than 2500 mm less or equal 2600
mm</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="C1" minOccurs="0">
    <xs:simpleType>
        <xs:annotation>
            <xs:documentation>C1 requires the code in case the gauge of the
swap body is less or equal 2550 mm.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="C2" minOccurs="0">
    <xs:annotation>
        <xs:documentation>C2 requires the code in case the gauge of the
swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
    
```

element **CombinedTrafficLoadProfile/P1**

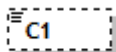
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation pattern \d{3}
annotation	documentation P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
source	<pre><xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/P2**

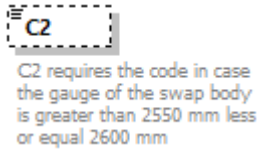
diagram	 <p>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
source	<pre><xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/C1**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
source	<pre><xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/C2**

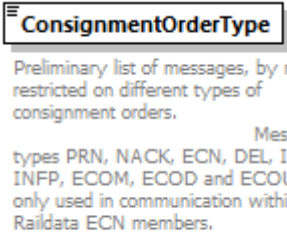
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
source	<pre><xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CommercialSpecificationCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4

type	restriction of xs:token																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Route ...</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Traffic flow ...</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Carriers mandated to perform the carriage, section, status</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Defined frontier stations..... (for exceptional consignments)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Route ...	enumeration	2	documentation Traffic flow ...	enumeration	3	documentation Carriers mandated to perform the carriage, section, status	enumeration	4	documentation Defined frontier stations..... (for exceptional consignments)	enumeration	5	documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)
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enumeration	3	documentation Carriers mandated to perform the carriage, section, status																	
enumeration	4	documentation Defined frontier stations..... (for exceptional consignments)																	
enumeration	5	documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)																	
annotation	documentation Commercial specifications code																		
source	<pre> <xs:element name="CommercialSpecificationCode"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Route ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Traffic flow ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Carriers mandated to perform the carriage, section, status</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Defined frontier stations..... (for exceptional consignments)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>																		

element **ConsignmentOrderType**

<p>diagram</p>	 <p>Preliminary list of messages, by now restricted on different types of consignment orders.</p> <p>Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.</p>																																												
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>																																												
<p>type</p>	<p>restriction of xs:token</p>																																												
<p>properties</p>	<p>content simple</p>																																												
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>ECN</td> <td>documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable).</td> </tr> <tr> <td>enumeration</td> <td>NACK</td> <td>documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable</td> </tr> <tr> <td>enumeration</td> <td>PRN</td> <td>documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)</td> </tr> <tr> <td>enumeration</td> <td>INFE</td> <td>documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.</td> </tr> <tr> <td>enumeration</td> <td>INFP</td> <td>documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.</td> </tr> <tr> <td>enumeration</td> <td>CANCEL</td> <td>documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.</td> </tr> <tr> <td>enumeration</td> <td>DEL</td> <td>documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.</td> </tr> <tr> <td>enumeration</td> <td>ECTD</td> <td>documentation Basic message type for transports accompanied by a paper consignment note message.</td> </tr> <tr> <td>enumeration</td> <td>EUTD</td> <td>documentation Basic update message type for transports accompanied by a paper consignment note message</td> </tr> <tr> <td>enumeration</td> <td>EDTD</td> <td>documentation Basic deletion message type for transports accompanied by a paper consignment note message.</td> </tr> <tr> <td>enumeration</td> <td>ECOM</td> <td>documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only.</td> </tr> <tr> <td>enumeration</td> <td>ECOU</td> <td>documentation Update message for ECOM</td> </tr> <tr> <td>enumeration</td> <td>ECOD</td> <td>documentation Deletion message for ECOM</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ECN	documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable).	enumeration	NACK	documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable	enumeration	PRN	documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)	enumeration	INFE	documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.	enumeration	INFP	documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.	enumeration	CANCEL	documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.	enumeration	DEL	documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.	enumeration	ECTD	documentation Basic message type for transports accompanied by a paper consignment note message.	enumeration	EUTD	documentation Basic update message type for transports accompanied by a paper consignment note message	enumeration	EDTD	documentation Basic deletion message type for transports accompanied by a paper consignment note message.	enumeration	ECOM	documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only.	enumeration	ECOU	documentation Update message for ECOM	enumeration	ECOD	documentation Deletion message for ECOM		
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enumeration	ECTD	documentation Basic message type for transports accompanied by a paper consignment note message.																																											
enumeration	EUTD	documentation Basic update message type for transports accompanied by a paper consignment note message																																											
enumeration	EDTD	documentation Basic deletion message type for transports accompanied by a paper consignment note message.																																											
enumeration	ECOM	documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only.																																											
enumeration	ECOU	documentation Update message for ECOM																																											
enumeration	ECOD	documentation Deletion message for ECOM																																											
<p>annotation</p>	<p>documentation Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only</p>																																												


	used in communication within Raildata ECN members.
source	<pre> <xs:element name="ConsignmentOrderType"> <xs:annotation> <xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ECN"> <xs:annotation> <xs:documentation>ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="NACK"> <xs:annotation> <xs:documentation>NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PRN"> <xs:annotation> <xs:documentation>At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="INFE"> <xs:annotation> <xs:documentation>Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="INFP"> <xs:annotation> <xs:documentation>Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CANCEL"> <xs:annotation> <xs:documentation>The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="DEL">
  <xs:annotation>
    <xs:documentation>This message is being created by the central
application, only. The receiving carrier is being informed, that his part of
the transport has been cancelled.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECTD">
  <xs:annotation>
    <xs:documentation>Basic message type for transports accompanied by
a paper consignment note message.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="EUTD">
  <xs:annotation>
    <xs:documentation>Basic update message type for transports
accompanied by a paper consignment note message</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="EDTD">
  <xs:annotation>
    <xs:documentation>Basic deletion message type for transports
accompanied by a paper consignment note message.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECOM">
  <xs:annotation>
    <xs:documentation>Electronic consignment order message for
carriers in role 3.Used for paperless transport only.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECOU">
  <xs:annotation>
    <xs:documentation>Update message for ECOM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ECOD">
  <xs:annotation>
    <xs:documentation>Deletion message for ECOM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **ConsignorDeclarationCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:token

properties	content	simple
facets	Kind	Value Annotation
	enumeration	1 documentation Consignee not-authorized to take control of the goods
	enumeration	2 documentation Authorized consignee (within the meaning of customs law)
	enumeration	3 documentation Escort(s) ... [name(s), first name(s)]
	enumeration	4 documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)
	enumeration	5 documentation Emergency telephone number for irregularities or accidents with dangerous goods
	enumeration	6 documentation Not to be passed to a substitute carrier
	enumeration	7 documentation Loading by the carrier
	enumeration	8 documentation Unloading by the carrier
	enumeration	9 documentation Agreed transit period: ...
	enumeration	10 documentation Completion of administrative formalities: ... (see CIM Article 15)
	enumeration	11 documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)
	enumeration	12 documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool
	enumeration	13 documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool
	enumeration	14 documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s)
	enumeration	15 documentation If the carrier's straps are used: number of straps and abbreviation for the carrier
	enumeration	16 documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.)
	enumeration	17 documentation Shipment details for port traffic: ...
	enumeration	18 documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.)
	enumeration	24 documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit.
	enumeration	25 documentation Wagon keeper according to article 17 AVV (Name)
	enumeration	31 documentation CH import declaration by DB Cargo
	enumeration	32 documentation CH import declaration by SBB Cargo
	enumeration	33 documentation CH import declaration by third parties
annotation	documentation	Carrier declaration code.
source	<pre><xs:element name="ConsignorDeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>	

```

<xs:enumeration value="1">
  <xs:annotation>
    <xs:documentation>Consignee not-authorized to take control of the
goods</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>Authorized consignee (within the meaning of
customs law)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Escort(s) ... [name(s), first
name(s)]</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>Filled mass [weight]: ... (for tank-wagons
refilled without having been cleaned - see RID section
5.4.1.2.2c)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Emergency telephone number for irregularities or
accidents with dangerous goods</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Not to be passed to a substitute
carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Loading by the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Unloading by the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Agreed transit period: ...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Completion of administrative formalities: ...
(see CIM Article 15)</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

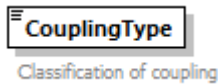
```

<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Exceptional consignment: ... (reference number
for each of the rail carriers/infrastructure managers
involved)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Number of flat pallets marked "EUR" and
exchangeable in the European Pallet Pool</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Number of box-pallets marked "EUR" and
exchangeable in the European Box-Pallet Pool</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>If the carrier's wagon sheets are used: number
of sheets, abbreviation for the carrier and wagon sheet
number(s)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>If the carrier's straps are used: number of
straps and abbreviation for the carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Other declarations: ... (designation of a
representative, designation of a substitute carrier, request for attention
to be given to the consignment en route, etc.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Shipment details for port traffic:
...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Used for CUV transports, only. Restrictions on
the operation of the wagon known to the consignor (e.g. limited speed,
etc.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Dangerous goods packed in limited quantities the
total gross mass of which exceeds eight tonnes per transport
unit.</xs:documentation>
  </xs:annotation>

```

	<pre> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Wagon keeper according to article 17 AVV (Name)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>CH import declaration by DB Cargo</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="32"> <xs:annotation> <xs:documentation>CH import declaration by SBB Cargo</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="33"> <xs:annotation> <xs:documentation>CH import declaration by third parties</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **CouplingType**

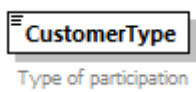
diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																		
type	restriction of xs:token																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation without coupler</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation non-reinforced coupler less than 85t</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation reinforced coupler equals to 85t</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation ultra-reinforced coupler greater than 85t</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation automatic coupling</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation without coupler	enumeration	1	documentation non-reinforced coupler less than 85t	enumeration	2	documentation reinforced coupler equals to 85t	enumeration	3	documentation ultra-reinforced coupler greater than 85t	enumeration	4	documentation automatic coupling
Kind	Value	Annotation																	
enumeration	0	documentation without coupler																	
enumeration	1	documentation non-reinforced coupler less than 85t																	
enumeration	2	documentation reinforced coupler equals to 85t																	
enumeration	3	documentation ultra-reinforced coupler greater than 85t																	
enumeration	4	documentation automatic coupling																	
annotation	documentation Classification of coupling																		
source	<pre> <xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Classification of coupling</xs:documentation> </xs:annotation> </xs:simpleType> </pre>																		

```

<xs:restriction base="xs:token">
  <xs:enumeration value="0">
    <xs:annotation>
      <xs:documentation>without coupler</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1">
    <xs:annotation>
      <xs:documentation>non-reinforced coupler less than
85t</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2">
    <xs:annotation>
      <xs:documentation>reinforced coupler equals to
85t</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="3">
    <xs:annotation>
      <xs:documentation>ultra-reinforced coupler greater than
85t</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4">
    <xs:annotation>
      <xs:documentation>automatic coupling</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **CustomerType**

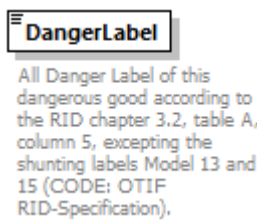
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:token															
properties	content simple															
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td>documentation Consignor</td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td>documentation Consignee</td> </tr> <tr> <td>enumeration</td> <td>FPCR</td> <td>documentation Freight payer</td> </tr> <tr> <td>enumeration</td> <td>FPCE</td> <td>documentation Freight payer CE</td> </tr> </table>	Kind	Value	Annotation	enumeration	CR	documentation Consignor	enumeration	CE	documentation Consignee	enumeration	FPCR	documentation Freight payer	enumeration	FPCE	documentation Freight payer CE
Kind	Value	Annotation														
enumeration	CR	documentation Consignor														
enumeration	CE	documentation Consignee														
enumeration	FPCR	documentation Freight payer														
enumeration	FPCE	documentation Freight payer CE														
annotation	documentation Type of participation															
source	<pre> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation</xs:documentation> </pre>															

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="CR">
      <xs:annotation>
        <xs:documentation>Consignor</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="CE">
      <xs:annotation>
        <xs:documentation>Consignee</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="FPCR">
      <xs:annotation>
        <xs:documentation>Freight payer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="FPCE">
      <xs:annotation>
        <xs:documentation>Freight payer CE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>

```

element **DangerLabel**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	1	documentation Explosive materials, divisions 1.1, 1.2 and 1.3
	enumeration	1.4	documentation Explosive materials, division 1.4
	enumeration	1.5	documentation Explosive materials, division 1.5
	enumeration	1.6	documentation Explosive materials, division 1.6
	enumeration	2.1	documentation Flammable gases
	enumeration	2.2	documentation Non-flammable, non-toxic gases
	enumeration	2.3	documentation Toxic gases
	enumeration	3	documentation

enumeration	4.1	Flammable liquids documentation
enumeration	4.2	Flammable solids , self-reactive substances and solid desensitized explosives documentation
enumeration	4.3	Substances liable to spontaneous combustion documentation
enumeration	5.1	Substances which, in contact with water, emit flammable gases documentation
enumeration	5.2	Oxidizing substances documentation
enumeration	6.1	Organic peroxides documentation
enumeration	6.2	Toxic substances documentation
enumeration	7A	Infectious substances documentation
enumeration	7B	Radioactive material, category I documentation
enumeration	7C	Radioactive material, category II documentation
enumeration	7D	Radioactive material, category III documentation
enumeration	7E	(obsolete) should be used for general information about class 7 documentation
enumeration	8	Fissile radioactive material documentation
enumeration	9	Corrosive substances documentation
enumeration	9A	Miscellaneous dangerous substances and articles
enumeration	1 (+13)	
enumeration	1 (+15)	
enumeration	1.4+6.1	
enumeration	1.4+6.1+8	
enumeration	1.4+8	
enumeration	1+6.1	
enumeration	1+6.1 (+13)	
enumeration	1+6.1 (+15)	
enumeration	1+6.1+8	
enumeration	1+8	
enumeration	2.1 (+13)	
enumeration	2.1+6.1	
enumeration	2.1+6.1+8	
enumeration	2.1+6.1	
enumeration	2.1+8	
enumeration	2.2 (+13)	
enumeration	2.2+5.1+6.1	
enumeration	2.2+5.1+6.1+8	
enumeration	2.2+5.1+8	
enumeration	2.2+6.1	
enumeration	2.2+6.1+8	
enumeration	2.2+5.1	
enumeration	2.2+5.1 (+13)	
enumeration	2.2+6.1	
enumeration	2.2+8	

	<p>enumeration 2.3 (+13)</p> <p>enumeration 2.3+2.1</p> <p>enumeration 2.3+2.1 (+13)</p> <p>enumeration 2.3+2.1+8</p> <p>enumeration 2.3+2.1+8 (+13)</p> <p>enumeration 2.3+5.1</p> <p>enumeration 2.3+5.1 (+13)</p> <p>enumeration 2.3+5.1+8</p> <p>enumeration 2.3+5.1+8 (+13)</p> <p>enumeration 2.3+8</p> <p>enumeration 2.3+8 (+13)</p> <p>enumeration 4.1+1</p> <p>enumeration 5.2+1</p> <p>enumeration 6.1+4.1</p> <p>enumeration 6.1+8</p> <p>enumeration 6.2+2.2</p> <p>enumeration 7X</p> <p>enumeration 7X+7E</p> <p>enumeration 8+6.1</p> <p>enumeration 9+2.2</p>
annotation	<p>documentation</p> <p>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p>
source	<pre> <xs:element name="DangerLabel"> <xs:annotation> <xs:documentation>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation> <xs:documentation>Explosive materials, division 1.4</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.5"> <xs:annotation> <xs:documentation>Explosive materials, division 1.5</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.6"> <xs:annotation> <xs:documentation>Explosive materials, division 1.6</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>


```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="2.1">
  <xs:annotation>
    <xs:documentation>Flammable gases</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2.2">
  <xs:annotation>
    <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2.3">
  <xs:annotation>
    <xs:documentation>Toxic gases</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Flammable liquids</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.1">
  <xs:annotation>
    <xs:documentation>Flammable solids , self-reactive substances and
solid desensitized explosives</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.2">
  <xs:annotation>
    <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.3">
  <xs:annotation>
    <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.1">
  <xs:annotation>
    <xs:documentation>Oxidizing substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5.2">
  <xs:annotation>
    <xs:documentation>Organic peroxides</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.1">
  <xs:annotation>
    <xs:documentation>Toxic substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.2">
  <xs:annotation>

```

```

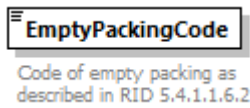
    <xs:documentation>Infectious substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7A">
  <xs:annotation>
    <xs:documentation>Radioactive material, category
I</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7B">
  <xs:annotation>
    <xs:documentation>Radioactive material, category
II</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7C">
  <xs:annotation>
    <xs:documentation>Radioactive material, category
III</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7D">
  <xs:annotation>
    <xs:documentation>(obsolete) should be used for general
information about class 7</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7E">
  <xs:annotation>
    <xs:documentation>Fissile radioactive material</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Corrosive substances</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
  <xs:annotation>
    <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9A"/>
<xs:enumeration value="1 (+13)"/>
<xs:enumeration value="1 (+15)"/>
<xs:enumeration value="1.4+6.1"/>
<xs:enumeration value="1.4+6.1+8"/>
<xs:enumeration value="1.4+8"/>
<xs:enumeration value="1+6.1"/>
<xs:enumeration value="1+6.1 (+13)"/>
<xs:enumeration value="1+6.1 (+15)"/>
<xs:enumeration value="1+6.1+8"/>
<xs:enumeration value="1+8"/>
<xs:enumeration value="2.1 (+13)"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+6.1+8"/>
<xs:enumeration value="2.1+6.1"/>

```

```

<xs:enumeration value="2.1+8"/>
<xs:enumeration value="2.2 (+13)"/>
<xs:enumeration value="2.2+5.1+6.1"/>
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<xs:enumeration value="2.2+5.1+8"/>
<xs:enumeration value="2.2+6.1"/>
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<xs:enumeration value="2.2+6.1"/>
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<xs:enumeration value="2.3 (+13)"/>
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<xs:enumeration value="2.3+2.1 (+13)"/>
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<xs:enumeration value="6.1+4.1"/>
<xs:enumeration value="6.1+8"/>
<xs:enumeration value="6.2+2.2"/>
<xs:enumeration value="7X"/>
<xs:enumeration value="7X+7E"/>
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<xs:enumeration value="9+2.2"/>
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</xs:element>
    
```

element **EmptyPackingCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE

	<p>enumeration 06 documentation EMPTY TANK-WAGON</p> <p>enumeration 07 documentation EMPTY DETACHABLE TANK</p> <p>enumeration 08 documentation EMPTY DEMOUNTABLE TANK</p> <p>enumeration 09 documentation EMPTY TANK-CONTAINER</p> <p>enumeration 10 documentation EMPTY PORTABLE TANK</p> <p>enumeration 11 documentation EMPTY BATTERY-VEHICLE</p> <p>enumeration 12 documentation EMPTY BATTERY-WAGON</p> <p>enumeration 13 documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</p> <p>enumeration 14 documentation EMPTY VEHICLE</p> <p>enumeration 15 documentation EMPTY WAGON</p> <p>enumeration 16 documentation EMPTY RECEPTACLE le 1000L</p> <p>enumeration 17 documentation EMPTY RECEPTACLE gt 1000L</p> <p>enumeration 18 documentation EMPTY</p>
annotation	<p>documentation Code of empty packing as described in RID 5.4.1.1.6.2</p> <p>documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</p>
source	<pre> <xs:element name="EmptyPackingCode"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>EMPTY IBC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

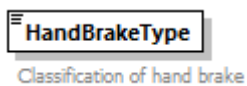
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<xs:enumeration value="07">
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
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    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
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    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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ELEMENTS</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">

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<xs:annotation>
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</xs:annotation>
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    <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="18">
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    <xs:documentation>EMPTY</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```


element **HandBrakeType**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:token												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation No hand brake</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Ground-operated hand brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Platform-operated hand brake</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation No hand brake	enumeration	1	documentation Ground-operated hand brake	enumeration	2	documentation Platform-operated hand brake
Kind	Value	Annotation											
enumeration	0	documentation No hand brake											
enumeration	1	documentation Ground-operated hand brake											
enumeration	2	documentation Platform-operated hand brake											
annotation	documentation Classification of hand brake												
source	<pre> <xs:element name="HandBrakeType"> <xs:annotation> <xs:documentation>Classification of hand brake</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>No hand brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Ground-operated hand brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Platform-operated hand brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

```


        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **ILU_TypeDetail**

diagram																																																				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																			
type	restriction of xs:token																																																			
properties	content simple																																																			
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>BX</td><td></td></tr> <tr><td>enumeration</td><td>BK</td><td></td></tr> <tr><td>enumeration</td><td>FL</td><td></td></tr> <tr><td>enumeration</td><td>HT</td><td></td></tr> <tr><td>enumeration</td><td>HC</td><td></td></tr> <tr><td>enumeration</td><td>IN</td><td></td></tr> <tr><td>enumeration</td><td>OT</td><td></td></tr> <tr><td>enumeration</td><td>HH</td><td></td></tr> <tr><td>enumeration</td><td>PW</td><td></td></tr> <tr><td>enumeration</td><td>OS</td><td></td></tr> <tr><td>enumeration</td><td>RF</td><td></td></tr> <tr><td>enumeration</td><td>SD</td><td></td></tr> <tr><td>enumeration</td><td>SL</td><td></td></tr> <tr><td>enumeration</td><td>VE</td><td></td></tr> <tr><td>enumeration</td><td>TC</td><td></td></tr> <tr><td>enumeration</td><td>RH</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BX		enumeration	BK		enumeration	FL		enumeration	HT		enumeration	HC		enumeration	IN		enumeration	OT		enumeration	HH		enumeration	PW		enumeration	OS		enumeration	RF		enumeration	SD		enumeration	SL		enumeration	VE		enumeration	TC		enumeration	RH	
Kind	Value	Annotation																																																		
enumeration	BX																																																			
enumeration	BK																																																			
enumeration	FL																																																			
enumeration	HT																																																			
enumeration	HC																																																			
enumeration	IN																																																			
enumeration	OT																																																			
enumeration	HH																																																			
enumeration	PW																																																			
enumeration	OS																																																			
enumeration	RF																																																			
enumeration	SD																																																			
enumeration	SL																																																			
enumeration	VE																																																			
enumeration	TC																																																			
enumeration	RH																																																			
source	<pre> <xs:element name="ILU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																																																			

```
</xs:simpleType>
</xs:element>
```

element **IncotermCode**

diagram																															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																														
type	restriction of xs:token																														
properties	content simple																														
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIP</td> <td>documentation Carriage Insurance Paid</td> </tr> <tr> <td>enumeration</td> <td>CPT</td> <td>documentation Carriage Paid To</td> </tr> <tr> <td>enumeration</td> <td>DAF</td> <td>documentation Delivered At Frontier (deprecated in 2011-01-01)</td> </tr> <tr> <td>enumeration</td> <td>DDP</td> <td>documentation Delivered Duty Paid</td> </tr> <tr> <td>enumeration</td> <td>DDU</td> <td>documentation Delivered Duty Unpaid (deprecated in 2011-01-01)</td> </tr> <tr> <td>enumeration</td> <td>EXW</td> <td>documentation EX Works</td> </tr> <tr> <td>enumeration</td> <td>FCA</td> <td>documentation Free Carrier</td> </tr> <tr> <td>enumeration</td> <td>DAP</td> <td>documentation Delivered At Place</td> </tr> <tr> <td>enumeration</td> <td>DAT</td> <td>documentation Delivered At Terminal</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIP	documentation Carriage Insurance Paid	enumeration	CPT	documentation Carriage Paid To	enumeration	DAF	documentation Delivered At Frontier (deprecated in 2011-01-01)	enumeration	DDP	documentation Delivered Duty Paid	enumeration	DDU	documentation Delivered Duty Unpaid (deprecated in 2011-01-01)	enumeration	EXW	documentation EX Works	enumeration	FCA	documentation Free Carrier	enumeration	DAP	documentation Delivered At Place	enumeration	DAT	documentation Delivered At Terminal
Kind	Value	Annotation																													
enumeration	CIP	documentation Carriage Insurance Paid																													
enumeration	CPT	documentation Carriage Paid To																													
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enumeration	DDP	documentation Delivered Duty Paid																													
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enumeration	EXW	documentation EX Works																													
enumeration	FCA	documentation Free Carrier																													
enumeration	DAP	documentation Delivered At Place																													
enumeration	DAT	documentation Delivered At Terminal																													
annotation	documentation Incoterm (given by the client)																														
source	<pre><xs:element name="IncotermCode"> <xs:annotation> <xs:documentation>Incoterm (given by the client)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIP"> <xs:annotation> <xs:documentation>Carriage Insurance Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CPT"> <xs:annotation> <xs:documentation>Carriage Paid To</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAF"> <xs:annotation> <xs:documentation>Delivered At Frontier (deprecated in 2011-01-01)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DDP"></pre>																														


```

<xs:annotation>
  <xs:documentation>Delivered Duty Paid</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="DDU">
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01)</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="FCA">
  <xs:annotation>
    <xs:documentation>Free Carrier</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DAP">
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DAT">
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    <xs:documentation>Delivered At Terminal</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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</xs:element>
    
```

element **InfoOnGoodsShapeTypeDanger**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation Container
	enumeration	02	documentation Other intermodal traffic
	enumeration	03	documentation Rolling road (RR)
	enumeration	06	documentation Semi-Trailer on bogies
	enumeration	10	documentation 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
	enumeration	14	documentation

	enumeration 15	1.4 - danger of explosion (subclass 1.4) documentation
	enumeration 16	1.5 - danger of explosion (subclass 1.5) documentation
	enumeration 21	1.6 - danger of explosion (subclass 1.6) documentation
	enumeration 22	2.1 - inflammable gases documentation
	enumeration 23	2.2 - non inflammable,non-toxic gases documentation
	enumeration 30	2.3 - toxic gases documentation
	enumeration 41	3 - fire hazard (inflammable liquids) documentation
	enumeration 42	4.1 - fire hazard (inflammable solids) documentation
	enumeration 43	4.2 - spontaneously inflammable documentation
	enumeration 51	4.3 - gives off inflammable gas on contact with water documentation
	enumeration 52	5.1 - combustible substance documentation
	enumeration 61	5.2 - organic peroxide documentation
	enumeration 62	6.1 - toxic substance documentation
	enumeration 71	6.2 - infectious substance documentation
	enumeration 72	7A - radioactive substance in category I packing WHITE documentation
	enumeration 73	7B - radioactive substance in category II packing YELLOW documentation
	enumeration 74	7C - radioactive substance in category III packing YELLOW documentation
	enumeration 75	7D - Common label for radioactive substances included under 7A, 7B + 7C documentation
	enumeration 80	7E - fissible substance documentation
	enumeration 90	8 - corrosive substance documentation
	enumeration 96	Various dangerous substance and objects not covered by the other classes documentation
	enumeration 97	Environmentally hazardous substance (RID 5.2.1.8) documentation
	enumeration 98	More than 8 tons of dangerous goods packaged in limited quantities (LQ) documentation
	enumeration 99	Livestock documentation Perishables
annotation	documentation	Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1
source	<pre> <xs:element name="InfoOnGoodsShapeTypeDanger"> <xs:annotation> <xs:documentation>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

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  </xs:annotation>
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<xs:enumeration value="06">
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    <xs:documentation>Semi-Trailer on bogies</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
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1.3)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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1.4)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
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  <xs:annotation>
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  </xs:annotation>
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gases</xs:documentation>
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liquids)</xs:documentation>
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solids)</xs:documentation>
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inflammable</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="43">
    <xs:annotation>
      <xs:documentation>4.3 - gives off inflammable gas on contact with
water</xs:documentation>
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  </xs:enumeration>
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  <xs:enumeration value="52">
    <xs:annotation>
      <xs:documentation>5.2 - organic peroxide</xs:documentation>
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    <xs:annotation>
      <xs:documentation>6.2 - infectious substance</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="71">
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WHITE</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
      <xs:documentation>7B - radioactive substance in category II
packing YELLOW</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="73">
    <xs:annotation>
      <xs:documentation>7C - radioactive substance in category III
packing YELLOW</xs:documentation>

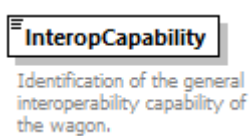
```

```

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  </xs:annotation>
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5.2.1.8)</xs:documentation>
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  <xs:annotation>
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limited quantities (LQ)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="98">
  <xs:annotation>
    <xs:documentation>Livestock</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="99">
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    <xs:documentation>Perishables</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

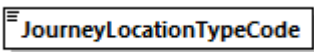
element **InteropCapability**

diagram																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																											
type	restriction of xs:integer																											
properties	content simple																											
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation National</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Bi-/Multilateral (with agreement or authorisation grid)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation RIV</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation TEN</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation TEN-GE</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation TEN-CW</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation TEN RIV</td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	2		enumeration	1	documentation National	enumeration	2	documentation Bi-/Multilateral (with agreement or authorisation grid)	enumeration	3	documentation RIV	enumeration	5	documentation TEN	enumeration	6	documentation TEN-GE	enumeration	7	documentation TEN-CW	enumeration	8	documentation TEN RIV
Kind	Value	Annotation																										
totalDigits	2																											
enumeration	1	documentation National																										
enumeration	2	documentation Bi-/Multilateral (with agreement or authorisation grid)																										
enumeration	3	documentation RIV																										
enumeration	5	documentation TEN																										
enumeration	6	documentation TEN-GE																										
enumeration	7	documentation TEN-CW																										
enumeration	8	documentation TEN RIV																										
annotation	documentation Identification of the general interoperability capability of the wagon.																											
source	<pre> <xs:element name="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="2"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>National</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bi-/Multilateral (with agreement or authorisation grid)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>RIV</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>TEN</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>																											

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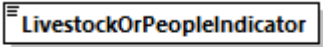
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    <xs:documentation>TEN RIV</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
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element **JourneyLocationTypeCode**

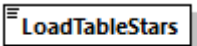
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation Origin
	enumeration	02	documentation Intermediate
	enumeration	03	documentation Destination
	enumeration	04	documentation Handover
	enumeration	05	documentation Interchange
	enumeration	06	documentation Handover and Interchange
	enumeration	07	documentation State Border
	enumeration	08	documentation None
	enumeration	09	documentation Network border
	enumeration	99	documentation Mutually Defined
source	<pre> <xs:element name="JourneyLocationTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> </pre>		

```
<xs:documentation>Origin</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="02">
  <xs:annotation>
    <xs:documentation>Intermediate</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Destination</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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</xs:enumeration>
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  </xs:annotation>
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  </xs:annotation>
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</xs:restriction>
</xs:simpleType>
</xs:element>
```


element **LivestockOrPeopleIndicator**


diagram	 <p>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'									
source	<pre><xs:element name="LivestockOrPeopleIndicator"> <xs:annotation> <xs:documentation>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'<</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadTableStars**

diagram	 <p>Number of load table stars.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	1		enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.
Kind	Value	Annotation								
totalDigits	1									
enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.								

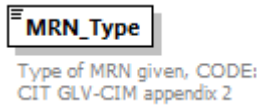
	<p>enumeration 2 documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</p> <p>enumeration 3 documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</p>
annotation	<p>documentation Number of load table stars.</p>
source	<pre> <xs:element name="LoadTableStars"> <xs:annotation> <xs:documentation>Number of load table stars.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MessageStatus**

diagram							
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>						
type	<p>restriction of xs:token</p>						
properties	<p>content simple</p>						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation creation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation creation
Kind	Value	Annotation					
enumeration	1	documentation creation					

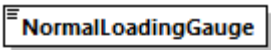
	enumeration 2 documentation modification
	enumeration 3 documentation deletion
annotation	documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion
source	<pre> <xs:element name="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=creation, 2=modification, 3=deletion</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>creation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>modification</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>deletion</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MRN_Type**

diagram			
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type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	MRN-E	documentation if an EXPORT declaration has been lodged
	enumeration	MRN-T	documentation if a TRANSIT declaration has been lodged
	enumeration	MRN-TS	documentation if a TRANSIT declaration with SECURITY data has been lodged
	enumeration	MRN-EXS	documentation if the EXIT SUMMARY declaration has been made separately by the consignor
	enumeration	MRN-ENS	documentation if the ENTRY SUMMARY declaration has been made separately by the consignor
annotation	documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2		
source	<pre> <xs:element name="MRN_Type"> </pre>		


	<pre> <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="MRN-E"> <xs:annotation> <xs:documentation>if an EXPORT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-T"> <xs:annotation> <xs:documentation>if a TRANSIT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-TS"> <xs:annotation> <xs:documentation>if a TRANSIT declaration with SECURITY data has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-EXS"> <xs:annotation> <xs:documentation>if the EXIT SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-ENS"> <xs:annotation> <xs:documentation>if the ENTRY SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **NormalLoadingGauge**

diagram	 <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used....</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:token

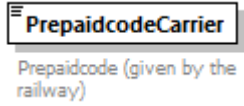
properties	content simple																																				
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>G1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>G2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GB</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GC</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GB1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GB2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GB-M6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>GHE16</td> <td></td> </tr> <tr> <td>enumeration</td> <td>W6-A</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SEa</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	G1		enumeration	G2		enumeration	GA		enumeration	GB		enumeration	GC		enumeration	GB1		enumeration	GB2		enumeration	GB-M6		enumeration	GHE16		enumeration	W6-A		enumeration	SEa	
Kind	Value	Annotation																																			
enumeration	G1																																				
enumeration	G2																																				
enumeration	GA																																				
enumeration	GB																																				
enumeration	GC																																				
enumeration	GB1																																				
enumeration	GB2																																				
enumeration	GB-M6																																				
enumeration	GHE16																																				
enumeration	W6-A																																				
enumeration	SEa																																				
annotation	<p>documentation</p> <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used.</p>																																				
source	<pre> <xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation> All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273- 2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G1"/> <xs:enumeration value="G2"/> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GC"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GB2"/> <xs:enumeration value="GB-M6"/> <xs:enumeration value="GHE16"/> <xs:enumeration value="W6-A"/> <xs:enumeration value="SEa"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																																				

element **PackingGroup**

<p>diagram</p>	 <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>												
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>												
<p>type</p>	<p>restriction of xs:token</p>												
<p>properties</p>	<p>content simple</p>												
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>I</td> <td>documentation High danger</td> </tr> <tr> <td>enumeration</td> <td>II</td> <td>documentation Medium danger</td> </tr> <tr> <td>enumeration</td> <td>III</td> <td>documentation Low danger</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	I	documentation High danger	enumeration	II	documentation Medium danger	enumeration	III	documentation Low danger
Kind	Value	Annotation											
enumeration	I	documentation High danger											
enumeration	II	documentation Medium danger											
enumeration	III	documentation Low danger											
<p>annotation</p>	<p>documentation The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>												
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</xs:simpleType>
</xs:element>
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element **PrepaidcodeCarrier**

diagram																																																				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																			
type	restriction of xs:token																																																			
properties	content simple																																																			
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td>documentation prepaid freight</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation prepaid freight including...</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation prepaid freight including...up to border of origin country</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation prepaid freight including...up to exit border of last transit country</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation prepaid freight including...up to exit border of other countries</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation prepaid freight up to border of origin country</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation prepaid freight up to exit border of last transit country</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation prepaid freight up to exit border of other countries</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation prepaid all costs</td> </tr> <tr> <td>enumeration</td> <td>42</td> <td>documentation Free carrier</td> </tr> <tr> <td>enumeration</td> <td>43</td> <td>documentation Carriage paid to...</td> </tr> <tr> <td>enumeration</td> <td>44</td> <td>documentation Delivered duty unpaid</td> </tr> <tr> <td>enumeration</td> <td>45</td> <td>documentation Carriage insurance paid</td> </tr> <tr> <td>enumeration</td> <td>46</td> <td>documentation Delivered at terminal</td> </tr> <tr> <td>enumeration</td> <td>47</td> <td>documentation Delivered at place</td> </tr> <tr> <td>enumeration</td> <td>90</td> <td>documentation not prepaid</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	10	documentation prepaid freight	enumeration	11	documentation prepaid freight including...	enumeration	12	documentation prepaid freight including...up to border of origin country	enumeration	13	documentation prepaid freight including...up to exit border of last transit country	enumeration	14	documentation prepaid freight including...up to exit border of other countries	enumeration	15	documentation prepaid freight up to border of origin country	enumeration	16	documentation prepaid freight up to exit border of last transit country	enumeration	17	documentation prepaid freight up to exit border of other countries	enumeration	20	documentation prepaid all costs	enumeration	42	documentation Free carrier	enumeration	43	documentation Carriage paid to...	enumeration	44	documentation Delivered duty unpaid	enumeration	45	documentation Carriage insurance paid	enumeration	46	documentation Delivered at terminal	enumeration	47	documentation Delivered at place	enumeration	90	documentation not prepaid
Kind	Value	Annotation																																																		
enumeration	10	documentation prepaid freight																																																		
enumeration	11	documentation prepaid freight including...																																																		
enumeration	12	documentation prepaid freight including...up to border of origin country																																																		
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enumeration	16	documentation prepaid freight up to exit border of last transit country																																																		
enumeration	17	documentation prepaid freight up to exit border of other countries																																																		
enumeration	20	documentation prepaid all costs																																																		
enumeration	42	documentation Free carrier																																																		
enumeration	43	documentation Carriage paid to...																																																		
enumeration	44	documentation Delivered duty unpaid																																																		
enumeration	45	documentation Carriage insurance paid																																																		
enumeration	46	documentation Delivered at terminal																																																		
enumeration	47	documentation Delivered at place																																																		
enumeration	90	documentation not prepaid																																																		
annotation	documentation Prepaidcode (given by the railway)																																																			
source	<pre><xs:element name="PrepaidcodeCarrier"> <xs:annotation> <xs:documentation>Prepaidcode (given by the railway)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>prepaid freight</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>																																																			


```

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</xs:enumeration>
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origin country</xs:documentation>
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other countries </xs:documentation>
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transit country</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
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</xs:enumeration>
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element **PrepaidCodeCustomer**

diagram			
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type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	10	documentation prepaid freight
	enumeration	11	documentation prepaid freight including...
	enumeration	12	documentation prepaid freight including...up to border of origin country
	enumeration	13	documentation prepaid freight including...up to exit border of last transit country
	enumeration	14	documentation prepaid freight including...up to exit border of other countries
	enumeration	15	documentation prepaid freight up to border of origin country
	enumeration	16	documentation prepaid freight up to exit border of last transit country
	enumeration	17	documentation prepaid freight up to exit border of other countries
	enumeration	20	documentation prepaid all costs

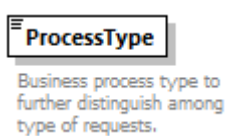
	<p>enumeration 42 documentation Free carrier</p> <p>enumeration 43 documentation Carriage paid to...</p> <p>enumeration 44 documentation Delivered duty unpaid</p> <p>enumeration 45 documentation Carriage insurance paid</p> <p>enumeration 46 documentation Delivered at terminal</p> <p>enumeration 47 documentation Delivered at place</p> <p>enumeration 90 documentation not prepaid</p>
annotation	<p>documentation Prepaidcode (given by the customer)</p>
source	<pre> <xs:element name="PrepaidCodeCustomer"> <xs:annotation> <xs:documentation>Prepaidcode (given by the customer)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>prepaid freight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>prepaid freight including... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>prepaid freight including...up to border of origin country</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of last transit country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of other countries </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>prepaid freight up to border of origin country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>prepaid freight up to exit border of last </pre>

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transit country</xs:documentation>
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</xs:enumeration>
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  <xs:annotation>
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countries </xs:documentation>
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</xs:enumeration>
<xs:enumeration value="20">
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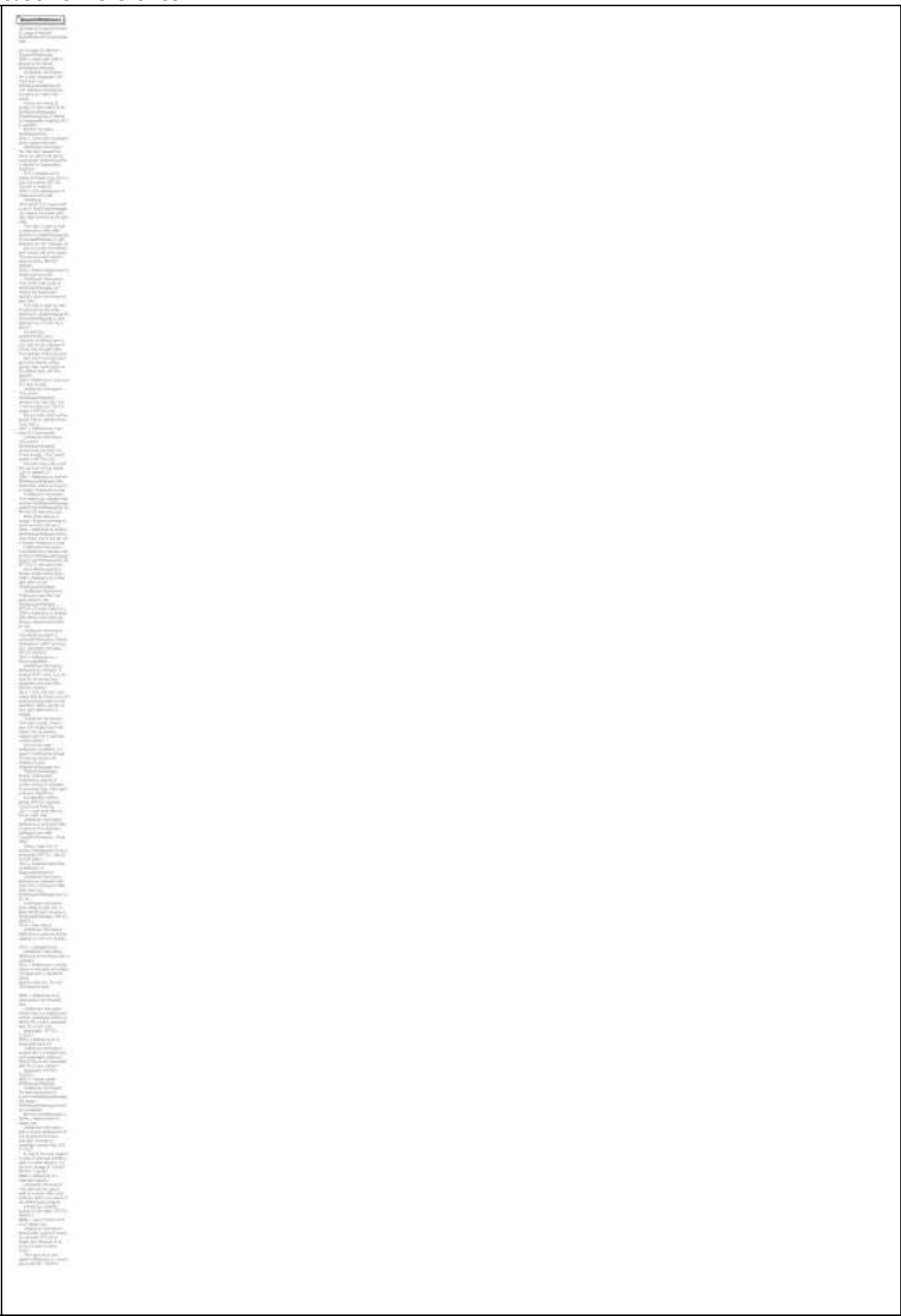
diagram																																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																				
type	restriction of xs:token																																				
properties	content simple																																				
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation New Path Request and allocation process for annual timetable</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Late Path Request and allocation process for annual timetable</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Ad hoc path request and allocation process</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Rolling Planning path request and allocation process</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Feasibility Study process</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Path Modification process (triggered by applicant)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Path Alteration process (triggered by IM)</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Pre-arranged Path publication by RFC</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Catalogue Path publication by IM</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Path Cancellation process</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Path Utilisation notification process</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation New Path Request and allocation process for annual timetable	enumeration	1	documentation Late Path Request and allocation process for annual timetable	enumeration	2	documentation Ad hoc path request and allocation process	enumeration	3	documentation Rolling Planning path request and allocation process	enumeration	4	documentation Feasibility Study process	enumeration	5	documentation Path Modification process (triggered by applicant)	enumeration	6	documentation Path Alteration process (triggered by IM)	enumeration	7	documentation Pre-arranged Path publication by RFC	enumeration	8	documentation Catalogue Path publication by IM	enumeration	10	documentation Path Cancellation process	enumeration	11	documentation Path Utilisation notification process
Kind	Value	Annotation																																			
enumeration	0	documentation New Path Request and allocation process for annual timetable																																			
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enumeration	2	documentation Ad hoc path request and allocation process																																			
enumeration	3	documentation Rolling Planning path request and allocation process																																			
enumeration	4	documentation Feasibility Study process																																			
enumeration	5	documentation Path Modification process (triggered by applicant)																																			
enumeration	6	documentation Path Alteration process (triggered by IM)																																			
enumeration	7	documentation Pre-arranged Path publication by RFC																																			
enumeration	8	documentation Catalogue Path publication by IM																																			
enumeration	10	documentation Path Cancellation process																																			
enumeration	11	documentation Path Utilisation notification process																																			
annotation	documentation Business process type to further distinguish among type of requests.																																				
source	<pre><xs:element name="ProcessType"> <xs:annotation> <xs:documentation>Business process type to further distinguish among type of requests.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>New Path Request and allocation process for annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Late Path Request and allocation process for annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Ad hoc path request and allocation process</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>																																				

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element **ReasonOfReference**

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<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>
<p>type</p>	<p>restriction of xs:string</p>

properties	content	simple
facets	Kind	Value Annotation
	minLength	4
	maxLength	4
	enumeration	1000 documentation Same path offer is desired as for stated PathRequestMessage
	enumeration	1001 documentation Same path is desired as for stated train/path
	enumeration	1002 documentation Full replacement of stated previous path
	enumeration	1003 documentation Partial replacement of stated previous path
	enumeration	1004 documentation Reference to sub train of Y-train bundle
	enumeration	1005 documentation Reference to main train of Y-train bundle
	enumeration	1006 documentation Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
	enumeration	1007 documentation Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
	enumeration	1008 documentation Reference to further path offer for the PathRequestMessage
	enumeration	1009 documentation Reference to booked path before interruption by railway replacement traffic by bus
	enumeration	1010 documentation Reference to a PreArrangedPath
	enumeration	1011 documentation Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
	enumeration	1012 documentation New final offer to former draft offer
	enumeration	1013 documentation Replaced path after modification by ResponsibleApplicant
	enumeration	1014 documentation New Route
	enumeration	1015 documentation Updated Route
	enumeration	5001 documentation Reference to another object on the basis of incident management in operations phase
	enumeration	DE01 documentation Reference to an associated empty/transfer train
	enumeration	DE02 documentation Reference to an associated main run
	enumeration	DE03 documentation Notice stated PathRequestMessage
	enumeration	DE04 documentation Replacement of stated train
	enumeration	DE05 documentation Reference to a reserved capacity
	enumeration	DE06 documentation Use of same OTN as of stated train
annotation	documentation	Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier. List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible).

	<p>RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID).</p> <p>1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID).</p> <p>1003 = Partial replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to be changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).</p> <p>1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)</p> <p>1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant (Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)</p>
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	<p>1014 = New Route (Additional information: Reference to previous Route replaced by the new Route)</p> <p>1015 = Updated Route (Additional information: Reference to the Route that is updated)</p> <p>5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes:</p> <p>DE01 = Reference to an associated empty/transfer train (Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)</p> <p>DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)</p> <p>DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)</p> <p>DE04 = Replacement of stated train (Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)</p> <p>DE05 = Reference to a reserved capacity (Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)</p> <p>DE06 = Use of same OTN as of stated train (Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.)</p>
source	<pre><xs:element name="ReasonOfReference"> <xs:annotation> <xs:documentation>Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</pre> <p>List of codes for element ReasonOfReference:</p> <p>1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible). RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID).</p> <p>1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path</p>

doesn't exist anymore. RPTID: PathID).

1003 = Partial replacement of stated previous path
 (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to be changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).

1004 = Reference to sub train of Y-train bundle
 (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)

1005 = Reference to main train of Y-train bundle
 (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)

1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
 (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)

1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
 (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)

1008 = Reference to further path offer for the PathRequestMessage
 (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)

1009 = Reference to booked path before interruption by railway replacement traffic by bus
 (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).

1010 = Reference to a PreArrangedPath
 (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).

1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
 (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).

1012 = New final offer to former draft offer
 (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)

1013 = Replaced path after modification by ResponsibleApplicant

(Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)

1014 = New Route

(Additional information: Reference to previous Route replaced by the new Route)

1015 = Updated Route

(Additional information: Reference to the Route that is updated)

5001 = Reference to another object on the basis of incident management in operations phase

Specific code only for one IM/national codes:

DE01 = Reference to an associated empty/transfer train

(Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)

DE02 = Reference to an associated main run

(Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)

DE03 = Notice stated PathRequestMessage

(Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)

DE04 = Replacement of stated train

(Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)

DE05 = Reference to a reserved capacity

(Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)

DE06 = Use of same OTN as of stated train

(Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family.

The trains have only slightly differences on various days. RPTID: TrainID.)

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    </xs:annotation>
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  <xs:enumeration value="1013">
    <xs:annotation>
      <xs:documentation>Replaced path after modification by
ResponsibleApplicant</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1014">
    <xs:annotation>
      <xs:documentation>New Route</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1015">
    <xs:annotation>
      <xs:documentation>Updated Route</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5001">
    <xs:annotation>
      <xs:documentation>Reference to another object on the basis of
incident management in operations phase</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="DE01">
    <xs:annotation>
      <xs:documentation>Reference to an associated empty/transfer
train</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="DE02">
    <xs:annotation>
      <xs:documentation>Reference to an associated main
run</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="DE03">
    <xs:annotation>
      <xs:documentation>Notice stated
PathRequestMessage</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="DE04">
    <xs:annotation>
      <xs:documentation>Replacement of stated train</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="DE05">

```

	<pre> <xs:annotation> <xs:documentation>Reference to a reserved capacity</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE06"> <xs:annotation> <xs:documentation>Use of same OTN as of stated train</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

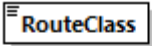
element **RefusalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Data not authorised by Wagon Keeper</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Wagon number freight unknown</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Data not authorised by Wagon Keeper	enumeration	2	documentation Wagon number freight unknown
Kind	Value	Annotation								
enumeration	1	documentation Data not authorised by Wagon Keeper								
enumeration	2	documentation Wagon number freight unknown								
annotation	documentation Code List Candidate									
source	<pre> <xs:element name="RefusalCode"> <xs:annotation> <xs:documentation>Code List Candidate</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Data not authorised by Wagon Keeper</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Wagon number freight unknown</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RollingRoadUnitType**


diagram	<p>Type of Rolling Road unit on Wagon</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:token															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>HGZ</td> <td>documentation articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>SAL</td> <td>documentation semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>MW</td> <td>documentation motor vehicle</td> </tr> <tr> <td>enumeration</td> <td>ANH</td> <td>documentation trailer</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	HGZ	documentation articulated lorry	enumeration	SAL	documentation semi-trailer	enumeration	MW	documentation motor vehicle	enumeration	ANH	documentation trailer
Kind	Value	Annotation														
enumeration	HGZ	documentation articulated lorry														
enumeration	SAL	documentation semi-trailer														
enumeration	MW	documentation motor vehicle														
enumeration	ANH	documentation trailer														
annotation	documentation Type of Rolling Road unit on Wagon															
source	<pre> <xs:element name="RollingRoadUnitType"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **RouteClass**

<p>diagram</p>	 <p>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p>																																																																																	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p>																																																																																	
<p>type</p>	<p>restriction of xs:string</p>																																																																																	
<p>properties</p>	<p>content simple</p>																																																																																	
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>minLength</td><td>1</td><td></td></tr> <tr><td>maxLength</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> <tr><td>enumeration</td><td>B1</td><td></td></tr> <tr><td>enumeration</td><td>B2</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> <tr><td>enumeration</td><td>C2</td><td></td></tr> <tr><td>enumeration</td><td>C3</td><td></td></tr> <tr><td>enumeration</td><td>C4</td><td></td></tr> <tr><td>enumeration</td><td>CM</td><td></td></tr> <tr><td>enumeration</td><td>CM2</td><td></td></tr> <tr><td>enumeration</td><td>CM3</td><td></td></tr> <tr><td>enumeration</td><td>CM4</td><td></td></tr> <tr><td>enumeration</td><td>CE</td><td></td></tr> <tr><td>enumeration</td><td>D</td><td></td></tr> <tr><td>enumeration</td><td>D2</td><td></td></tr> <tr><td>enumeration</td><td>D3</td><td></td></tr> <tr><td>enumeration</td><td>D4</td><td></td></tr> <tr><td>enumeration</td><td>D5</td><td></td></tr> <tr><td>enumeration</td><td>E</td><td></td></tr> <tr><td>enumeration</td><td>E4</td><td></td></tr> <tr><td>enumeration</td><td>E5</td><td></td></tr> <tr><td>enumeration</td><td>E6</td><td></td></tr> <tr><td>enumeration</td><td>F</td><td></td></tr> <tr><td>enumeration</td><td>G</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	3		enumeration	A		enumeration	B		enumeration	B1		enumeration	B2		enumeration	C		enumeration	C2		enumeration	C3		enumeration	C4		enumeration	CM		enumeration	CM2		enumeration	CM3		enumeration	CM4		enumeration	CE		enumeration	D		enumeration	D2		enumeration	D3		enumeration	D4		enumeration	D5		enumeration	E		enumeration	E4		enumeration	E5		enumeration	E6		enumeration	F		enumeration	G	
Kind	Value	Annotation																																																																																
minLength	1																																																																																	
maxLength	3																																																																																	
enumeration	A																																																																																	
enumeration	B																																																																																	
enumeration	B1																																																																																	
enumeration	B2																																																																																	
enumeration	C																																																																																	
enumeration	C2																																																																																	
enumeration	C3																																																																																	
enumeration	C4																																																																																	
enumeration	CM																																																																																	
enumeration	CM2																																																																																	
enumeration	CM3																																																																																	
enumeration	CM4																																																																																	
enumeration	CE																																																																																	
enumeration	D																																																																																	
enumeration	D2																																																																																	
enumeration	D3																																																																																	
enumeration	D4																																																																																	
enumeration	D5																																																																																	
enumeration	E																																																																																	
enumeration	E4																																																																																	
enumeration	E5																																																																																	
enumeration	E6																																																																																	
enumeration	F																																																																																	
enumeration	G																																																																																	
<p>annotation</p>	<p>documentation Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p>																																																																																	

source	<pre> <xs:element name="RouteClass"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="B1"/> <xs:enumeration value="B2"/> <xs:enumeration value="C"/> <xs:enumeration value="C2"/> <xs:enumeration value="C3"/> <xs:enumeration value="C4"/> <xs:enumeration value="CM"/> <xs:enumeration value="CM2"/> <xs:enumeration value="CM3"/> <xs:enumeration value="CM4"/> <xs:enumeration value="CE"/> <xs:enumeration value="D"/> <xs:enumeration value="D2"/> <xs:enumeration value="D3"/> <xs:enumeration value="D4"/> <xs:enumeration value="D5"/> <xs:enumeration value="E"/> <xs:enumeration value="E4"/> <xs:enumeration value="E5"/> <xs:enumeration value="E6"/> <xs:enumeration value="F"/> <xs:enumeration value="G"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **RU_DeclarationCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	1	documentation Without packing
	enumeration	2	documentation

	<p>enumeration 3 Unsatisfactory packaging: ...(give details) documentation</p> <p>enumeration 4.1 Insufficient packaging: ... (give details) documentation</p> <p>enumeration 4.2 Goods clearly in poor condition: ... (give details) documentation</p> <p>enumeration 4.3 Goods damaged:(give details) documentation</p> <p>enumeration 4.4 Goods wet: ... (give details) documentation</p> <p>enumeration 5 Goods frozen: ... (give details) documentation</p> <p>enumeration 6 Loaded by the consignor documentation</p> <p>enumeration 7 Loaded by the carrier in inclement weather at the request of the consignor documentation</p> <p>enumeration 8 Unloaded by the consignee documentation</p> <p>enumeration 9.1 Unloaded by the carrier in ... documentation</p> <p>enumeration 9.2 Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather documentation</p> <p>enumeration 9.3 Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU documentation</p> <p>enumeration 9.3 Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible documentation</p> <p>enumeration 10 Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor documentation</p> <p>enumeration 11 Examination not made because of a shortage of resources: ... (give details) documentation</p> <p>enumeration 12 Other reserves: ... (give details) documentation</p> <p>enumeration 13 Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</p>
annotation	<p>documentation Carrier declaration code.</p>
source	<pre><xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ...(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give</pre>

```

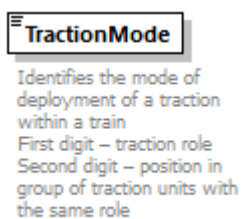
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.1">
  <xs:annotation>
    <xs:documentation>Goods clearly in poor condition: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.2">
  <xs:annotation>
    <xs:documentation>Goods damaged:(give details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.3">
  <xs:annotation>
    <xs:documentation>Goods wet: ... (give details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.4">
  <xs:annotation>
    <xs:documentation>Goods frozen: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Loaded by the carrier in inclement weather at
the request of the consignor </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Unloaded by the consignee</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>Unloaded by the carrier in
...</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.1">
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    <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of inclement weather </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.2">
  <xs:annotation>
    <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article

```

```

11 section 3, because of sealing of the wagon or ITU </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.3">
  <xs:annotation>
    <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of load in the wagon or ITU inaccessible
</xs:documentation>
  </xs:annotation>
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Article 11 section 3 presented late by the consignor</xs:documentation>
  </xs:annotation>
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resources: ... (give details)</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="12">
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    <xs:documentation>Other reserves: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Code used for declarations, which are no
reservations. This code is not included in the official CIT code list and is
not to be printed on the paper consignment note.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **TractionMode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:integer
properties	content simple
facets	Kind Value Annotation

minInclusive	11	
maxInclusive	99	
enumeration	11	documentation
		Train traction - 1st traction unit in the group
enumeration	21	documentation
		Intermediate traction - 1st traction unit in the group
enumeration	31	documentation
		Banking locomotive - 1st traction unit in the group
enumeration	41	documentation
		Banking locomotive not coupled - 1st traction unit in the group
enumeration	51	documentation
		No Leading Engine - 1st traction unit in the group
enumeration	12	documentation
		Train traction - 2nd traction unit in the group
enumeration	22	documentation
		Intermediate traction - 2nd traction unit in the group
enumeration	32	documentation
		Banking locomotive - 2nd traction unit in the group
enumeration	42	documentation
		Banking locomotive not coupled - 2nd traction unit in the group
enumeration	52	documentation
		No Leading Engine - 2nd traction unit in the group
enumeration	13	documentation
		Train traction - 3rd traction unit in the group
enumeration	23	documentation
		Intermediate traction - 3rd traction unit in the group
enumeration	33	documentation
		Banking locomotive - 3rd traction unit in the group
enumeration	43	documentation
		Banking locomotive not coupled - 3rd traction unit in the group
enumeration	53	documentation
		No Leading Engine - 3rd traction unit in the group
enumeration	14	documentation
		Train traction - 4th traction unit in the group
enumeration	24	documentation
		Intermediate traction - 4th traction unit in the group
enumeration	34	documentation
		Banking locomotive - 4th traction unit in the group
enumeration	44	documentation
		Banking locomotive not coupled - 4th traction unit in the group
enumeration	54	documentation
		No Leading Engine - 4th traction unit in the group
enumeration	15	documentation
		Train traction - 5th traction unit in the group
enumeration	25	documentation
		Intermediate traction - 5th traction unit in the group
enumeration	35	documentation
		Banking locomotive - 5th traction unit in the group
enumeration	45	documentation
		Banking locomotive not coupled - 5th traction unit in the group
enumeration	55	documentation
		No Leading Engine - 5th traction unit in the group
enumeration	16	documentation
		Train traction - 6th traction unit in the group
enumeration	26	documentation
		Intermediate traction - 6th traction unit in the group
enumeration	36	documentation
		Banking locomotive - 6th traction unit in the group
enumeration	46	documentation
		Banking locomotive not coupled - 6th traction unit in the group
enumeration	56	documentation
		No Leading Engine - 6th traction unit in the group

<p>annotation</p>	<p>documentation Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role</p>
<p>source</p>	<pre> <xs:element name="TractionMode"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="11"/> <xs:maxInclusive value="99"/> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Train traction - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Intermediate traction - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>Banking locomotive - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> <xs:documentation>Banking locomotive not coupled - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation>No Leading Engine - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Train traction - 2nd traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation>Intermediate traction - 2nd traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

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group</xs:documentation>
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unit in the group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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    <xs:enumeration value="14">
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group</xs:documentation>
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group</xs:documentation>

```


```

</xs:annotation>
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group</xs:documentation>
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unit in the group</xs:documentation>
  </xs:annotation>
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group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
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    <xs:documentation>Intermediate traction - 5th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
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    <xs:documentation>Banking locomotive - 5th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
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unit in the group</xs:documentation>
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group</xs:documentation>
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<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Train traction - 6th traction unit in the
group</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
  <xs:annotation>

```


	<pre> <xs:documentation>Intermediate traction - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="36"> <xs:annotation> <xs:documentation>Banking locomotive - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation>Banking locomotive not coupled - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="56"> <xs:annotation> <xs:documentation>No Leading Engine - 6th traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

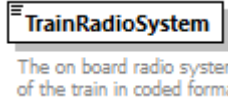
element **TractionType**

diagram	 <p>Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:token
properties	content simple

facets	Kind Value Annotation
	enumeration 00 enumeration 01 enumeration 02 enumeration 03 enumeration 04 enumeration 10 enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 20 enumeration 21 enumeration 22 enumeration 23 enumeration 24 enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34
annotation	documentation Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle
source	<pre> <xs:element name="TractionType"> <xs:annotation> <xs:documentation>Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle </xs:documentation> </xs:annotation> </pre>

	<pre> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **TrainRadioSystem**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	documentation The on board radio system of the train in coded format									
source	<pre> <xs:element name="TrainRadioSystem"> <xs:annotation> <xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TrainRunningInterruptionStatus**

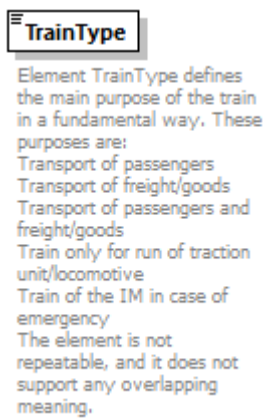
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
properties	content complex
children	TrainInterrupted
source	<pre> <xs:element name="TrainRunningInterruptionStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Not Interrupted</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Not Interrupted	enumeration	1	documentation
Kind	Value	Annotation								
enumeration	0	documentation Not Interrupted								
enumeration	1	documentation								

	enumeration 2	Interrupted at location (default) documentation Will be interrupted, not yet at location
source	<pre> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

element **TrainType**

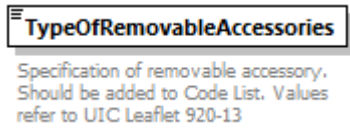
diagram	 <p>TrainType</p> <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	0	documentation Other train
	enumeration	1	documentation Passenger train

	<p>enumeration 2 documentation Freight train</p> <p>enumeration 3 documentation Light engine (locomotive train)</p> <p>enumeration 4 documentation Engineering train</p> <p>enumeration 5 documentation Emergency train</p> <p>enumeration 6 documentation Mixed train (passenger and freight train in combination)</p>
annotation	<p>documentation Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.</p>
source	<pre><xs:element name="TrainType"> <xs:annotation> <xs:documentation>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Other train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Passenger train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Freight train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Light engine (locomotive train)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Engineering train</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

```

<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Emergency train</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Mixed train (passenger and freight train in
combination)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

element **TypeOfRemovableAccessories**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	01	documentation Removable stanchion
	enumeration	02	documentation Removable side flap of flat wagon
	enumeration	03	documentation Removable end flap of flat wagon
	enumeration	04	documentation Removable side rail
	enumeration	05	documentation Removable intermediate upright for securing the load
	enumeration	06	documentation Stanchion chain
	enumeration	07	documentation Removable handle and wheel for winch on car-carrying wagon
	enumeration	08	documentation Swivelling bolster (with stanchions)
	enumeration	09	documentation Coupling rod (rigid coupling)
	enumeration	10	documentation Ice bunker
	enumeration	11	documentation Ice bunker screen
	enumeration	12	documentation Ice bunker frame
	enumeration	13	documentation Trestle or bar with hooks for hanging meat
	enumeration	14	documentation Movable cross-member of wagon with low loading plane
	enumeration	15	documentation Removable support
	enumeration	16	documentation Mooring cross-member on wagon for special loads

	<p>enumeration 17 documentation Movable floor panel on wagon for special loads</p> <p>enumeration 18 documentation Scotch</p> <p>enumeration 19 documentation Skid bar with or without shoes on car-carrying wagon</p> <p>enumeration 20 documentation Mooring strap on car-carrying wagon</p> <p>enumeration 21 documentation Beam for movable ramp on car-carrying wagon</p> <p>enumeration 22 documentation Spare heating half-coupling</p> <p>enumeration 23 documentation Fire extinguisher</p> <p>enumeration 24 documentation Wheel scotches (for cars) on car-carrying wagon</p> <p>enumeration 25 documentation Gangway loading ramp on car-carrying wagon</p> <p>enumeration 26 documentation Metal cradles for rolls of metal sheeting</p> <p>enumeration 27 documentation Panel for covering markings</p> <p>enumeration 28 documentation Loading frame for special types of goods</p> <p>enumeration 29 documentation Headstock for "rolling roads"</p> <p>enumeration 99 documentation Other wagon accessories</p>
annotation	<p>documentation Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13</p>
source	<pre> <xs:element name="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920- 13</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Removable stanchion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Removable side flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Removable end flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Removable side rail</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>


```

</xs:enumeration>
<xs:enumeration value="05">
  <xs:annotation>
    <xs:documentation>Removable intermediate upright for securing the
load</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>Stanchion chain</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
  <xs:annotation>
    <xs:documentation>Removable handle and wheel for winch on car-
carrying wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>Swivelling bolster (with
stanchions)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>Coupling rod (rigid coupling)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Ice bunker</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Ice bunker screen</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Ice bunker frame</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Trestle or bar with hooks for hanging
meat</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Movable cross-member of wagon with low loading
plane</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>

```

```

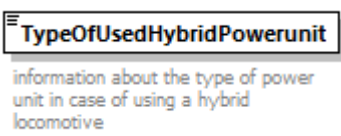
    <xs:documentation>Removable support</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Mooring cross-member on wagon for special
loads</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Movable floor panel on wagon for special
loads</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Scotch</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>Skid bar with or without shoes on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Mooring strap on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Beam for movable ramp on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Spare heating half-coupling</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Fire extinguisher</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Wheel scotches (for cars) on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Gangway loading ramp on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="26">
        <xs:annotation>
            <xs:documentation>Metal cradles for rolls of metal
sheeting</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="27">
        <xs:annotation>
            <xs:documentation>Panel for covering markings</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="28">
        <xs:annotation>
            <xs:documentation>Loading frame for special types of
goods</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="29">
        <xs:annotation>
            <xs:documentation>Headstock for "rolling roads"</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="99">
        <xs:annotation>
            <xs:documentation>Other wagon accessories</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

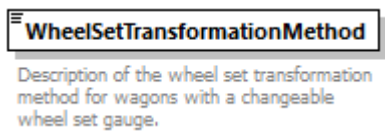
element TypeOfUsedHybridPowerunit

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	1	documentation electric (pantograph, conductor rail)
	enumeration	2	documentation liquid fuel (benzine, diesel, gasoline)
	enumeration	3	documentation battery
	enumeration	4	documentation hydrogen
annotation	documentation information about the type of power unit in case of using a hybrid locomotive		
source	<xs:element name="TypeOfUsedHybridPowerunit">		

```

<xs:annotation>
  <xs:documentation>information about the type of power unit in case of
  using a hybrid locomotive</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>electric (pantograph, conductor
        rail)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>liquid fuel (benzine, diesel,
        gasoline)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>battery</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>hydrogen</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
  
```

element **WheelSetTransformationMethod**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Automatic</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Bogie/axle change</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Automatic	enumeration	2	documentation Bogie/axle change
Kind	Value	Annotation								
enumeration	1	documentation Automatic								
enumeration	2	documentation Bogie/axle change								
annotation	documentation Description of the wheel set transformation method for wagons with a changeable wheel set gauge.									
source	<pre> <xs:element name="WheelSetTransformationMethod"> <xs:annotation> <xs:documentation>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</xs:documentation> </xs:annotation> <xs:simpleType> </pre>									

```

<xs:restriction base="xs:token">
  <xs:enumeration value="1">
    <xs:annotation>
      <xs:documentation>Automatic</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2">
    <xs:annotation>
      <xs:documentation>Bogie/axle change</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
    
```

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:token									
properties	base xs:token									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIM</td> <td>documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</td> </tr> <tr> <td>enumeration</td> <td>Other</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM	documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)	enumeration	Other	
Kind	Value	Annotation								
enumeration	CIM	documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)								
enumeration	Other									
annotation	documentation Identifies the type of a waybill.									
source	<pre> <xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **DelayCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:token												
properties	base xs:token												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11	documentation Formation of trains if managed by infrastructure manager	enumeration	10	documentation Timetable compilation	enumeration	12	documentation Mistakes in operational procedures
Kind	Value	Annotation											
enumeration	11	documentation Formation of trains if managed by infrastructure manager											
enumeration	10	documentation Timetable compilation											
enumeration	12	documentation Mistakes in operational procedures											

enumeration	13	documentation Wrong application of priority rules
enumeration	14	
enumeration	18	documentation Staff
enumeration	19	documentation Other causes related to the operational planning and management
enumeration	20	documentation Signalling installations
enumeration	21	documentation Signalling installations at level crossings
enumeration	22	documentation Telecommunication installations
enumeration	23	documentation Power supply equipment
enumeration	24	documentation Track
enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering
enumeration	40	documentation Delay caused by next IM
enumeration	41	documentation Delay caused by previous IM
enumeration	50	documentation exceeding the stop time
enumeration	51	documentation Request of the RU
enumeration	52	documentation Loading operations
enumeration	53	documentation Loading irregularities
enumeration	54	documentation Commercial preparation of the train
enumeration	58	documentation Staff
enumeration	59	documentation Other causes related to commercial causes
enumeration	60	documentation Roster planning/re-rostering
enumeration	61	documentation Formation of trains by the RU
enumeration	62	documentation Problems affecting coaches
enumeration	63	documentation Problems affecting wagons
enumeration	64	documentation Problems affecting traction units
enumeration	68	documentation Staff
enumeration	69	documentation Other causes related to Rolling Stock

	enumeration 70	documentation Delay caused by next RU
	enumeration 71	documentation Delay caused by previous RU
	enumeration 80	documentation Strike
	enumeration 81	documentation Administrative formalites
	enumeration 82	documentation Outside influence
	enumeration 83	documentation Effects of weather and natural causes
	enumeration 84	documentation Delay caused by external reasons on the next network
	enumeration 89	documentation Other external causes
	enumeration 90	documentation Dangerous incidents, accidents and hazards
	enumeration 91	documentation Track occupation caused by the lateness of the same train
	enumeration 92	documentation Track occupation caused by the lateness of another train
	enumeration 93	documentation Turn round
	enumeration 94	documentation Connection
	enumeration 95	documentation Further investigation needed
annotation	documentation	Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.
source		<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Formation of trains if managed by infrastructure manager</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Timetable compilation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Mistakes in operational procedures</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Wrong application of priority rules</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"/> </xs:restriction> </xs:simpleType> </pre>

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and management</xs:documentation>
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    <xs:documentation>Signalling installations at level
crossings</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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installations</xs:documentation>
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work</xs:documentation>
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track</xs:documentation>
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engineering</xs:documentation>
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train</xs:documentation>
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units</xs:documentation>
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Stock</xs:documentation>
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network</xs:documentation>
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same train</xs:documentation>
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train</xs:documentation>
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    <xs:documentation>Connection</xs:documentation>
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	<pre> <xs:documentation>Further investigation needed</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType InfoIndex

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	base xs:string												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td></td> </tr> <tr> <td>enumeration</td> <td>20</td> <td></td> </tr> <tr> <td>enumeration</td> <td>30</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	10		enumeration	20		enumeration	30	
Kind	Value	Annotation											
enumeration	10												
enumeration	20												
enumeration	30												
annotation	documentation indicates additional information												
source	<pre> <xs:simpleType name="InfoIndex"> <xs:annotation> <xs:documentation>indicates additional information</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType> </pre>												

simpleType MessageCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4									
type	restriction of xs:integer									
properties	base xs:integer									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Identifies the type of message									
source	<pre> <xs:simpleType name="MessageCode"> <xs:annotation> <xs:documentation>Identifies the type of message</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
	enumeration	08	documentation F - Tank wagon loaded with liquid
	enumeration	09	documentation F - Wagon loaded with people
	enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
	enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
	enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
	enumeration	15	documentation F - Wagon not allowed over the hump
	enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
	enumeration	18	documentation F - Must not use active braking equipment
	enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
	enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
	enumeration	31	documentation P (+F) - Braking system fault
	enumeration	32	documentation P (+F) - Wheelset, bogie fault
	enumeration	33	documentation P (+F) - Headlighting or back lighting fault
	enumeration	34	documentation P (+F) - Front glass broken
	enumeration	35	documentation P (+F) - Horn fault
	enumeration	36	documentation P (+F) - Radio fault
	enumeration	37	documentation P (+F) - Energy supply fault
	enumeration	38	documentation P (+F) - Traction or motor fault
	enumeration	39	documentation P - Access door fault
	enumeration	41	documentation F - Place this wagon at the front of the train
	enumeration	42	documentation F - Place this wagon at the rear of the train
	enumeration	50	documentation P (+F) - Speed restriction
	enumeration	52	documentation P (+F) - Diesel locomotive instead of electric locomotive
	enumeration	61	documentation F - Wagon forming part of a consignment of several wagons
	enumeration	62	documentation F - Wagon forming part of a group of wagons from which it must not be separated
	enumeration	63	documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one

	enumeration 68	documentation	F - First or last wagon of a wagon group from which it must not be separated
	enumeration 70	documentation	F - Shunt with care (1 red triangle)
	enumeration 71	documentation	F - Shunt with special care (2 red triangle)
	enumeration 90	documentation	P - Train planned with passengers operated without passengers
	enumeration 91	documentation	P - Train planned without passengers operated with passengers
	enumeration 92	documentation	P - Train planned with hauled rolling stock and operated without any coaches (light engine)
	enumeration 94	documentation	F - Gas carrying wagon without orange side stripe
	enumeration 99	documentation	P - Other
annotation	documentation		
	restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.		All codes of Transport F = Freight
	P = Passenger		
	T = Technical		
	D = Damage		
	L = Load		
	Code	F or P	Description
			T D L
	07	F	Shunt only when hand brake operable with ground staff
			x x
	08	F	Tank wagon loaded with liquid
			x
	09	F	Wagon loaded with people
			x
	11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
			x
	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
			x
	13	F	Bogie wagon with distance between wheels of more than 17,50 metres
			x
	15	F	Wagon not allowed over the hump
			x x x
	16	F	Do not fly shunt or gravity shunt (3 red triangles)
			x x
	18	F	Must not use active braking equipment
		x	
	25	F	Gas carrying tank wagon with orange side stripe

	63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x				
	68	F	First or last wagon of a wagon group from which it must not be separated		x	x		
	70	F	Shunt with care (1 red triangle)			x		
	71	F	Shunt with special care (2 red triangle)		x	x	x	
	90	x P	Train planned with passengers operated without passengers	x	x			
	91	P	Train planned without passengers operated with passengers				x	
	92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)				x	
	94	x F	Gas carrying wagon without orange side stripe	x				
	99	P	Other					x
		x						x
source	<pre><xs:simpleType name="RestrictionCodes"> <xs:annotation> <xs:documentation></pre> <p style="text-align: right;">All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p style="text-align: right;">F = Freight</p> <p>P = Passenger T = Technical D = Damage L = Load</p> <p>Code F or P Description</p> <p style="text-align: right;">T D L</p> <p>07 F Shunt only when hand brake operable with ground staff</p> <p>x x</p> <p>08 F Tank wagon loaded with liquid</p> <p>x</p> <p>09 F Wagon loaded with people</p>							

38	P (+F)	Traction or motor fault			
					x
39	P	Access door fault			
					x
41	F	Place this wagon at the front of the train			
			x	x	x
42	F	Place this wagon at the rear of the train			
			x	x	x
50	P (+F)	Speed restriction			
					x
					x
52	P (+F)	Diesel locomotive instead of electric locomotive			
	x	(X) F			
61	F	Wagon forming part of a consignment of several wagons			
	x				
62	F	Wagon forming part of a group of wagons from which it must not be separated			
					x
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one			
	x				
	x				
68	F	First or last wagon of a wagon group from which it must not be separated			
					x
70	F	Shunt with care (1 red triangle)			
			x	x	x
71	F	Shunt with special care (2 red triangle)			
			x	x	x
90	P	Train planned with passengers operated without passengers			
	x				
91	P	Train planned without passengers operated with passengers			
	x				
92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)			
			x	x	
94	F	Gas carrying wagon without orange side stripe			

99	P	x Other	x
<pre> </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>F - Shunt only when hand brake operable with ground staff</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>F - Tank wagon loaded with liquid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>F - Wagon loaded with people</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>F - Wagon other than bogie wagon with wheelbase of more than 9 metres</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>F - Bogie wagon with distance between wheels of more than 17,50 metres</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>F - Wagon not allowed over the hump</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>F - Do not fly shunt or gravity shunt (3 red triangles)</xs:documentation> </pre>			

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stripe</xs:documentation>
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list)</xs:documentation>
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    <xs:documentation>P (+F) - Wheelset, bogie fault</xs:documentation>
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<xs:enumeration value="33">
  <xs:annotation>
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fault</xs:documentation>
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<xs:enumeration value="34">
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```

    <xs:documentation>P (+F) - Traction or motor
fault</xs:documentation>
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  <xs:annotation>
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train</xs:documentation>
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train</xs:documentation>
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  <xs:annotation>
    <xs:documentation>P (+F) - Diesel locomotive instead of electric
locomotive</xs:documentation>
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  <xs:annotation>
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wagons</xs:documentation>
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<xs:enumeration value="62">
  <xs:annotation>
    <xs:documentation>F - Wagon forming part of a group of wagons from
which it must not be separated</xs:documentation>
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trains) loading/cinematic gauge larger than the planned
one</xs:documentation>
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```

```

<xs:annotation>
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triangle)</xs:documentation>
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<xs:enumeration value="71">
  <xs:annotation>
    <xs:documentation>F - Shunt with special care (2 red
triangle)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
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passengers</xs:documentation>
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<xs:enumeration value="91">
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passengers</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="92">
  <xs:annotation>
    <xs:documentation>P - Train planned with hauled rolling stock and
operated without any coaches (light engine)</xs:documentation>
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<xs:enumeration value="99">
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simpleType **RunningStatus**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	base	xs:token	
facets	Kind	Value	Annotation
	enumeration	00	documentation Not specified
	enumeration	01	documentation Arrival at destination
	enumeration	02	documentation Departure at origin
	enumeration	03	documentation

	<p>enumeration 04 Intermediate arrival documentation</p> <p>enumeration 05 Intermediate departure documentation</p> <p>enumeration 06 Pass through documentation</p> <p>enumeration 07 NEW CODES: Some IMs are transmitting these codes (6 - 9)</p> <p>enumeration 08</p> <p>enumeration 09</p> <p>enumeration 10 documentation Not specified for wagon</p> <p>enumeration 11 documentation Wagon arrival at its destination by train</p> <p>enumeration 12 documentation Wagon departure from its station of origin by train</p> <p>enumeration 13 documentation Wagon arrival at reporting point by train</p> <p>enumeration 14 documentation Wagon departure from reporting point by train</p> <p>enumeration 15 documentation Wagon run-through at reporting point by train</p> <p>enumeration 16 documentation Wagon parked at reporting point</p> <p>enumeration 17 documentation Wagon shunted at reporting point</p> <p>enumeration 18 documentation Wagon arrived at reporting point</p> <p>enumeration 19 documentation Wagon departure from reporting point</p>
annotation	<p>documentation</p> <p>Identifies the status of a train related to the actual time at the reporting point.</p>
source	<pre> <xs:simpleType name="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at the reporting point.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>Not specified</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Arrival at destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Departure at origin</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Intermediate arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> </pre>

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  <xs:enumeration value="05">
    <xs:annotation>
      <xs:documentation>Pass through</xs:documentation>
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  </xs:enumeration>
  <xs:enumeration value="06">
    <xs:annotation>
      <xs:documentation>NEW CODES: Some IMs are transmitting these codes
(6 - 9)</xs:documentation>
    </xs:annotation>
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  <xs:enumeration value="10">
    <xs:annotation>
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    </xs:annotation>
  </xs:enumeration>
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train</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
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train</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="13">
    <xs:annotation>
      <xs:documentation>Wagon arrival at reporting point by
train</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="14">
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      <xs:documentation>Wagon departure from reporting point by
train</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```



```

</xs:enumeration>
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  <xs:annotation>
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train</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Wagon parked at reporting point</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
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point</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>Wagon arrived at reporting
point</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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point</xs:documentation>
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</xs:simpleType>
    
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simpleType **TrainCC_SystemCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
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	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	

	<p>enumeration 14</p> <p>enumeration 15</p> <p>enumeration 16</p> <p>enumeration 17</p> <p>enumeration 18</p> <p>enumeration 19</p> <p>enumeration 20</p> <p>enumeration 21</p> <p>enumeration 22</p> <p>enumeration 23</p> <p>enumeration 24</p> <p>enumeration 25</p> <p>enumeration 26</p> <p>enumeration 27</p> <p>enumeration 28</p> <p>enumeration 29</p> <p>enumeration 30</p> <p>enumeration 31</p> <p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p> <p>enumeration 35</p> <p>enumeration 36</p> <p>enumeration 37</p> <p>enumeration 38</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 44</p> <p>enumeration 45</p> <p>enumeration 46</p> <p>enumeration 47</p> <p>enumeration 48</p> <p>enumeration 49</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p>
annotation	<p>documentation</p> <p>Type of Train Control System</p> <p>Identifies the command control system of the train in coded values.</p> <p>1 ALSN</p> <p>2 ASFA</p> <p>3 ATB 1st Gen</p> <p>4 ATB Next Gen</p> <p>5 ATC</p> <p>6 ATP</p>

	<p>7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I)</p> <p>8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)</p> <p>9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II)</p> <p>10 Crocodile</p> <p>11 DAAT</p> <p>12 EBICAB 700</p> <p>13 EBICAB 900</p> <p>14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA))</p> <p>15 ETCS L1 LS plus EuroZUB</p> <p>16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d)</p> <p>17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d)</p> <p>18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0)</p> <p>19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0)</p> <p>20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0)</p> <p>21 ETCS Level 0</p> <p>22 ETCS Level 1</p> <p>23 ETCS Level 2</p> <p>24 ETCS Level 3</p> <p>25 ETCS Level NSC</p> <p>26 EVM</p> <p>27 Indusi 54</p> <p>28 Indusi 60 R</p> <p>29 Indusi PZ 80</p> <p>30 KBS-E</p> <p>31 KCVB</p> <p>32 KCVP</p> <p>33 KVB</p> <p>34 KVBP</p> <p>35 LS</p> <p>36 LS 90</p> <p>37 LS I</p> <p>38 LS III</p> <p>39 LS IV</p> <p>40 LZB</p> <p>41 Mirel</p> <p>42 NEXTEO</p> <p>43 PZB</p> <p>44 PZB90</p> <p>45 SCMT</p> <p>46 SHP</p> <p>47 SIFA</p> <p>48 STM ASFA</p> <p>49 STM LZB</p> <p>50 TBL 1</p> <p>51 TBL 2</p> <p>52 TVM 300</p> <p>53 TVM 430</p> <p>54 ZUB</p>
source	<pre><xs:simpleType name="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Type of Train Control System Identifies the command control system of the train in coded values. 1 ALSN 2 ASFA 3 ATB 1st Gen 4 ATB Next Gen 5 ATC 6 ATP 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile</pre>

```

11  DAAT
12  EBICAB 700
13  EBICAB 900
14  EFA (all traction units/driving cabins of the train are equipped with
an electronic drivers cab display (EFA))
15  ETCS L1 LS plus EuroZUB
16  ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1
version 2.3.0d)
17  ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2
version 2.3.0d)
18  ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version
3.3.0)
19  ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version
3.4.0)
20  ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version
3.6.0)
21  ETCS Level 0
22  ETCS Level 1
23  ETCS Level 2
24  ETCS Level 3
25  ETCS Level NSC
26  EVM
27  Indusi 54
28  Indusi 60 R
29  Indusi PZ 80
30  KBS-E
31  KCVB
32  KCVP
33  KVB
34  KVBP
35  LS
36  LS 90
37  LS I
38  LS III
39  LS IV
40  LZB
41  Mirel
42  NEXTEO
43  PZB
44  PZB90
45  SCMT
46  SHP
47  SIFA
48  STM ASFA
49  STM LZB
50  TBL 1
51  TBL 2
52  TVM 300
53  TVM 430
54  ZUB</xs:documentation>
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</xs:simpleType>

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simpleType **TypeOfIMHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4
type	restriction of xs:string

properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre> <xs:simpleType name="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **TypeOfInformationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																																									
type	restriction of xs:integer																																																									
properties	base xs:integer																																																									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation harmonisation - accepted</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation harmonisation - rejected</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Request ready</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation path study request</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation pre-arranged path/reserve capacity</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation create offer</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation coordination update</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation draft offer</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation draft alternative offer</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation observation - in process</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation observation - complete</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation preparation of final offer - in process</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation preparation of final offer - accepted</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation preparation of final offer - rejected</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99		enumeration	1	documentation harmonisation - in process	enumeration	2	documentation harmonisation - accepted	enumeration	3	documentation harmonisation - rejected	enumeration	4	documentation Request ready	enumeration	5	documentation path study request	enumeration	6	documentation pre-arranged path/reserve capacity	enumeration	7	documentation create offer	enumeration	8	documentation coordination update	enumeration	9	documentation draft offer	enumeration	10	documentation draft alternative offer	enumeration	11	documentation observation - in process	enumeration	12	documentation observation - complete	enumeration	13	documentation preparation of final offer - in process	enumeration	14	documentation preparation of final offer - accepted	enumeration	15	documentation preparation of final offer - rejected	enumeration	16	documentation
Kind	Value	Annotation																																																								
minInclusive	0																																																									
maxInclusive	99																																																									
enumeration	1	documentation harmonisation - in process																																																								
enumeration	2	documentation harmonisation - accepted																																																								
enumeration	3	documentation harmonisation - rejected																																																								
enumeration	4	documentation Request ready																																																								
enumeration	5	documentation path study request																																																								
enumeration	6	documentation pre-arranged path/reserve capacity																																																								
enumeration	7	documentation create offer																																																								
enumeration	8	documentation coordination update																																																								
enumeration	9	documentation draft offer																																																								
enumeration	10	documentation draft alternative offer																																																								
enumeration	11	documentation observation - in process																																																								
enumeration	12	documentation observation - complete																																																								
enumeration	13	documentation preparation of final offer - in process																																																								
enumeration	14	documentation preparation of final offer - accepted																																																								
enumeration	15	documentation preparation of final offer - rejected																																																								
enumeration	16	documentation																																																								

	enumeration 17	final offer documentation
	enumeration 18	final offer - accepted documentation
	enumeration 19	alternative offer accepted documentation
	enumeration 20	pre-accepted offer documentation
	enumeration 21	Final Offer rejected documentation
	enumeration 22	no alternative available documentation
	enumeration 23	booked documentation
	enumeration 24	preparation of draft alternative offer is in progress documentation
	enumeration 25	alternative offer triggered by IM documentation
	enumeration 26	offer/final offer rejected (without revision) documentation
	enumeration 27	alternative offer rejected (without revision) documentation
	enumeration 28	offer/final offer rejected (revision required) documentation
	enumeration 29	alternative offer rejected (revision required) documentation
	enumeration 30	withdrawal documentation
	enumeration 31	Create Dossier documentation
	enumeration 32	Close Dossier documentation
	enumeration 33	Path canceled full documentation
	enumeration 40	Path canceled partial documentation
	enumeration 42	Fully Assembled Path (FAP, constructed path) documentation
	enumeration 43	Preparation of draft offer – accepted documentation
	enumeration 44	Preparation of draft offer – rejected documentation
	enumeration 45	Draft offer rejected documentation
	enumeration 50	Draft no alternative available documentation
	enumeration 51	activate path (utilisation notification) documentation
	enumeration 52	deactivate path (utilisation notification) documentation
	enumeration 53	confirmation of utilisation notification documentation
	enumeration 65	Path and train cancelled documentation
	enumeration 66	Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) documentation
		Booked after route update (used in PathDetailsMessage)
annotation	documentation	Enumeration indicating to which process step / process type in the planning does the message belong
source	<pre><xs:simpleType name="TypeOfInformationCode"> <xs:annotation> <xs:documentation>Enumeration indicating to which process step / process</pre>	

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type in the planning does the message belong</xs:documentation>
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  <xs:minInclusive value="0"/>
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    <xs:annotation>
      <xs:documentation>harmonisation - accepted</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="3">
    <xs:annotation>
      <xs:documentation>harmonisation - rejected</xs:documentation>
    </xs:annotation>
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    </xs:annotation>
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  <xs:enumeration value="5">
    <xs:annotation>
      <xs:documentation>path study request</xs:documentation>
    </xs:annotation>
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capacity</xs:documentation>
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process</xs:documentation>
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accepted</xs:documentation>
  </xs:annotation>
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rejected</xs:documentation>
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  <xs:annotation>
    <xs:documentation>final offer</xs:documentation>
  </xs:annotation>
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  <xs:annotation>
    <xs:documentation>final offer - accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>alternative offer accepted</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>booked</xs:documentation>
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</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>preparation of draft alternative offer is in
progress</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>alternative offer triggered by
IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>offer/final offer rejected (without
revision)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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revision)</xs:documentation>
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	<pre> <xs:annotation> <xs:documentation>Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="66"> <xs:annotation> <xs:documentation>Booked after route update (used in PathDetailsMessage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>
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simpleType **TypeOfLoadUnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	00	documentation unknown
	enumeration	01	documentation Container
	enumeration	02	documentation swap bodies
	enumeration	03	documentation semitrailers
	enumeration	04	documentation truck
annotation	documentation 00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck		
source	<pre> <xs:simpleType name="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>unknown</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>swap bodies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>semitrailers</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>		

	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>truck</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **TypeOfRequestCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4															
type	restriction of xs:short															
properties	base xs:short															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Study</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Request</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Modification</td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		enumeration	1	documentation Study	enumeration	2	documentation Request	enumeration	3	documentation Modification
Kind	Value	Annotation														
minInclusive	1															
enumeration	1	documentation Study														
enumeration	2	documentation Request														
enumeration	3	documentation Modification														
annotation	documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)															
source	<pre> <xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</xs:documentation> </xs:annotation> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Study</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Request</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Modification</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>															

simpleType TypeOfRUHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4												
type	restriction of xs:string												
properties	base xs:string												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> <tr> <td>enumeration</td> <td>None</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part		enumeration	None	
Kind	Value	Annotation											
enumeration	Full												
enumeration	Part												
enumeration	None												
annotation	documentation Type of RU harmonization: Full, Part, None.												
source	<pre><xs:simpleType name="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> <xs:enumeration value="None"/> </xs:restriction> </xs:simpleType></pre>												

simpleType UnitType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4																																													
type	restriction of xs:token																																													
properties	base xs:token																																													
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Other intermodal traffic</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Rolling road (RR)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Semi-trailer on bogies</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Container less than 20'</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Container 20'</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Container 30'</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Container 40'</td> </tr> <tr> <td>enumeration</td> <td>40</td> <td>documentation Semi-trailer truck/articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>41</td> <td>documentation Road tractor</td> </tr> <tr> <td>enumeration</td> <td>42</td> <td>documentation Lorry without trailer</td> </tr> <tr> <td>enumeration</td> <td>43</td> <td>documentation Lorry with trailer</td> </tr> <tr> <td>enumeration</td> <td>50</td> <td>documentation Semi-trailer/road semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>51</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Container	enumeration	2	documentation Other intermodal traffic	enumeration	4	documentation Rolling road (RR)	enumeration	6	documentation Semi-trailer on bogies	enumeration	10	documentation Container less than 20'	enumeration	11	documentation Container 20'	enumeration	12	documentation Container 30'	enumeration	13	documentation Container 40'	enumeration	40	documentation Semi-trailer truck/articulated lorry	enumeration	41	documentation Road tractor	enumeration	42	documentation Lorry without trailer	enumeration	43	documentation Lorry with trailer	enumeration	50	documentation Semi-trailer/road semi-trailer	enumeration	51	documentation
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enumeration	43	documentation Lorry with trailer																																												
enumeration	50	documentation Semi-trailer/road semi-trailer																																												
enumeration	51	documentation																																												

Swap bodies	
annotation	documentation Indicates the type of a Transportation unit.
source	<pre> <xs:simpleType name="UnitType"> <xs:annotation> <xs:documentation>Indicates the type of a Transportation unit.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Other intermodal traffic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Rolling road (RR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Semi-trailer on bogies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Container less than 20'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Container 20'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Container 30'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Container 40'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="40"> <xs:annotation> <xs:documentation>Semi-trailer truck/articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> </pre>

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    <xs:documentation>Road tractor</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>Lorry without trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>Lorry with trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
  <xs:annotation>
    <xs:documentation>Semi-trailer/road semi-trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
  <xs:annotation>
    <xs:documentation>Swap bodies</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>

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attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Defined
	enumeration	1	documentation not used
	enumeration	2	documentation Track documentation The track is a uniquely defined part of location
	enumeration	3	documentation Private Siding documentation Tracks are not for open access
	enumeration	4	documentation Border Point Code documentation Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"
	enumeration	5	documentation Sorting Code documentation Destination station of the wagon has a code in order to provide shunting technology.
	enumeration	6	documentation Vehicle Parking Points documentation All points (tracks)

		Public Loading Places documentation Is a type of physical location on the open access network where consignor or consignee can load or unload wagons
enumeration	7	documentation Private Loading Places documentation Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons
enumeration	8	documentation IM Path Tariff Point documentation Price Segment change between two IM Networks.
enumeration	9	documentation Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock.
enumeration	10	documentation Switch/turnout documentation The location where two tracks meet or diverge.
enumeration	11	documentation Grade Crossing documentation The location where two tracks on the same level cross each other.
enumeration	12	documentation Section of the track documentation Section is inside of the location considered part of a track.
enumeration	13	documentation Twin track point documentation The spot where is end or start of the twinned track section.
enumeration	14	documentation Retarder (rail brake) documentation Trackside equipment to control the speed of the wagons running from the shunting hump.
enumeration	15	documentation Platform documentation The area next to the track which has been raised to make access to railway vehicles easier.
enumeration	16	documentation Railing documentation barrier Safety equipment used to prevent access to the track by people and animals.
enumeration	17	documentation Movable scotch block documentation Safety equipment across the track avoiding any unnecessary moving beyond that point.
enumeration	18	documentation Derailing stop / Trap points / Catch points documentation Safety equipment is on one rail avoiding any unnecessary moving beyond that point.
enumeration	19	documentation Loading equipment documentation Special equipment to facilitate the loading and unloading on the Public Loading Places.
enumeration	20	documentation Weighbridge documentation

	enumeration	21	Special equipment is to facilitate the measure of the weight of the wagon. documentation Building documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.
	enumeration	22	documentation Level crossing documentation Place where rail and road crossing in level. on the same level (grade)
	enumeration	23	documentation Bridge documentation Special built structure is over the road
	enumeration	24	documentation Tunnel documentation Structure to allow a railway line to pass under the surface.
	enumeration	25	documentation Underpass documentation Undercrossing or underground passage under the railway track. (Not used by trains)
	enumeration	26	documentation Block section documentation Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.
	enumeration	27	documentation Signal documentation A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.
	enumeration	28	documentation Sign and board documentation Equipment to inform the board staff for train traffic and shunting.
	enumeration	29	documentation Phase break documentation Border of the power supply systems (catenary).
	enumeration	30	documentation Leap in kilometer documentation The section has deviation in length i. e. the section more or less than called.
	enumeration	32	documentation Balise documentation A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system.
	enumeration	33	documentation Hot spot detector documentation Trackside equipment which detects hot wheels or axle-box on passing trains.
	enumeration	34	documentation Flat wheel detector documentation Trackside equipment which detects flat spots on wheels on passing trains.
	enumeration	35	documentation Dynamic wheel load documentation detector Special equipment is in trackside for inspect of the overloaded wagons.
	enumeration	36	documentation Freight yard

		documentation		
enumeration	37	documentation	A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight orders of rail freight transports. The freight yard can have his own codification	
		documentation	Loading point	
		documentation	A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.	
enumeration	38	documentation	IM Network link	
		documentation	It allows to link two locations from different IM Networks	
enumeration	39	documentation	Reservation code	
enumeration	40	documentation	Metastation	
		documentation	To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)	
enumeration	41	documentation	CompanySpecificIdentifier	
		documentation	Company specific identifier of the primary location	
enumeration	42	documentation		
			DIUM stations - Places of acceptance/delivery	
			Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37).	
enumeration	43	documentation		
			Passengers cars public loadings	Is a
			physical location on the open access network where passengers can put their car on a carrying train	
enumeration	44	documentation		
			Passengers cars private loading	Is a
			type of physical location outside the open access network where passengers can put their car on a carrying train	
enumeration	45	documentation		
			Sewage dump	Place for cleaning
			purposes - disposal of the waste	
enumeration	46	documentation		
			Refuelling Point	Location where refuelling
			takes place	
enumeration	47	documentation		
			Mains Supply	Location where energy
			supply can be provided for the rolling stock e.g. preheating	
enumeration	48	documentation		
			Water Supply	Location where water

		supply can be provided for the rolling stock	
enumeration	49	documentation	
		Compressed plant	Train on a track with motion stabled with external air supply for braking systems
enumeration	50	documentation	
		Indoor cleaning platform	Cleaning point - interior
enumeration	51	documentation	
		Car-wash plant	Cleaning point -outdoor
enumeration	52	documentation	
		Short dry-cleaning track	Cleaning point
enumeration	53	documentation	
		Pollution protective plate	Track where floor that avoids pollution of the earth below
enumeration	54	documentation	
		Sand-filling station	Location where sand is filled
enumeration	55	documentation	
		Repair track	Location where a train/wagon/engine can be repaired
enumeration	56	documentation	
		Signal box	The location of a building containing signalling equipment
enumeration	57	documentation	
		Intermodal Terminal	Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place
enumeration	58	documentation	
		OSJD system based location	Location code used within OSJD
enumeration	59	documentation	
		Train Service Substitute Stop	Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of Primary Location.
enumeration	60	documentation	
		Multifunctional rail terminal	Facilities for conventional and/or intermodal rail/road transshipment principally open for

	<p>public use and for all types of cargo. This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location.</p> <p>enumeration 61 documentation Relief facility documentation</p> <p>Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.</p> <p>enumeration 66 documentation Location ENEE Code documentation</p> <p>Legacy ENEE code of the parent primary location. Different coding of primary location.</p> <p>enumeration 70 documentation Network Border documentation</p> <p>Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.</p> <p>enumeration 71 documentation State border documentation</p> <p>Political border between two member states. Attribute of primary location.</p> <p>enumeration 72 documentation Administrative border documentation</p> <p>Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.</p> <p>enumeration 74 documentation Operational handover documentation</p> <p>Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.</p> <p>enumeration 75 documentation Planning handover documentation</p> <p>Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location.</p> <p>enumeration 76 documentation Other technical facility documentation</p> <p>All technical installations and services that are not included in other facility types. E.g. Pre heating, de icing, air conditioning, Washing/cleaning of rolling stock, Disinfection of rolling stock, Sewage removal and Stationary brake test facilities. Physical part of Primary Location.</p> <p>enumeration 90 documentation Test Loc</p> <p>enumeration 99 documentation Relation to Station documentation</p> <p>An indicator used to show that this location is a subsidiary of another location.</p>
source	<pre><xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Defined</xs:documentation> <xs:documentation>not used</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"></pre>

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    <xs:annotation>
      <xs:documentation>Track</xs:documentation>
      <xs:documentation>The track is a uniquely defined part of
location</xs:documentation>
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      <xs:documentation>Tracks are not for open
access</xs:documentation>
    </xs:annotation>
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      <xs:documentation>Border Point Code</xs:documentation>
      <xs:documentation>Special code for the Border Points are allocated
at the country border and the points between different IM networks. Location
of these points sometimes are not geographically same with the station or
yard. Therefore these points are "logical point"</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4">
    <xs:annotation>
      <xs:documentation>Sorting Code</xs:documentation>
      <xs:documentation>Destination station of the wagon has a code in
order to provide shunting technology.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5">
    <xs:annotation>
      <xs:documentation>Vehicle Parking Points</xs:documentation>
      <xs:documentation>All points (tracks)</xs:documentation>
    </xs:annotation>
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      <xs:documentation>Is a type of physical location on the open
access network where consignor or consignee can load or unload
wagons</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7">
    <xs:annotation>
      <xs:documentation>Private Loading Places</xs:documentation>
      <xs:documentation>Is a type of physical location outside the open
access network where consignor or consignee can load or unload
wagons</xs:documentation>
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  <xs:enumeration value="8">
    <xs:annotation>
      <xs:documentation>IM Path Tariff Point</xs:documentation>
      <xs:documentation>Price Segment change between two IM
Networks.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```

```

<xs:enumeration value="9">
  <xs:annotation>
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    Place for overhaul or maintenance of the rolling stock.

                                </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
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    <xs:documentation>Switch/turnout</xs:documentation>
    <xs:documentation>The location where two tracks meet or
diverge.</xs:documentation>
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    <xs:documentation>Grade Crossing</xs:documentation>
    <xs:documentation>The location where two tracks on the same level
cross each other.</xs:documentation>
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    <xs:documentation>Section of the track</xs:documentation>
    <xs:documentation>Section is inside of the location considered
part of a track.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Twin track point</xs:documentation>
    <xs:documentation>The spot where is end or start of the twinned
track section.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
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    <xs:documentation>Retarder (rail brake)</xs:documentation>
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wagons running from the shunting hump.</xs:documentation>
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    <xs:documentation>Platform</xs:documentation>
    <xs:documentation>The area next to the track which has been raised
to make access to railway vehicles easier.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Railing</xs:documentation>
    <xs:documentation>barrier Safety equipment used to prevent access
to the track by people and animals.</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="17">

```

```

    <xs:annotation>
      <xs:documentation>Movable scotch block</xs:documentation>
      <xs:documentation>Safety equipment across the track avoiding any
unnecessary moving beyond that point.</xs:documentation>
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  <xs:enumeration value="18">
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      <xs:documentation>Derailing stop / Trap points / Catch
points</xs:documentation>
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unnecessary moving beyond that point.</xs:documentation>
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unloading on the Public Loading Places.</xs:documentation>
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  </xs:enumeration>
  <xs:enumeration value="20">
    <xs:annotation>
      <xs:documentation>Weighbridge</xs:documentation>
      <xs:documentation>Special equipment is to facilitate the measure
of the weight of the wagon.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="21">
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      <xs:documentation>Building</xs:documentation>
      <xs:documentation>Those buildings where IM placed his staff for
direct communication with RU staff or the IM buildings serve RU activities
as well.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="22">
    <xs:annotation>
      <xs:documentation>Level crossing</xs:documentation>
      <xs:documentation>Place where rail and road crossing in level. on
the same level (grade)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="23">
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      <xs:documentation>Bridge</xs:documentation>
      <xs:documentation>Special built structure is over the
road</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="24">
    <xs:annotation>
      <xs:documentation>Tunnel</xs:documentation>
      <xs:documentation>Structure to to allow a railway line to pass
under the surface.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="25">

```



```

<xs:annotation>
  <xs:documentation>Underpass</xs:documentation>
  <xs:documentation>Undercrossing or underground passage under the
railway track. (Not used by trains)</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
  <xs:annotation>
    <xs:documentation>Block section</xs:documentation>
    <xs:documentation>Block section outside of the location with
primary code. In other words: a section on the open track between stations
defined by signalling system.</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="27">
  <xs:annotation>
    <xs:documentation>Signal</xs:documentation>
    <xs:documentation>A signal is a mechanical or electrical device
erected beside a railway line to pass information relating to the state of
the line ahead to train drivers/engineers.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>Equipment to inform the board staff for train
traffic and shunting.</xs:documentation>
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<xs:enumeration value="29">
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    <xs:documentation>Phase break</xs:documentation>
    <xs:documentation>Border of the power supply systems
(catenary).</xs:documentation>
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<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>Leap in kilometer</xs:documentation>
    <xs:documentation>The section has deviation in length i. e. the
section more or less than called.</xs:documentation>
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    <xs:documentation>Balise</xs:documentation>
    <xs:documentation>A balise is an electronic beacon or transponder
placed between the rails of a railway as part of an Automatic Train
Protection (ATP) system.</xs:documentation>
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<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Hot spot detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects hot wheels or
axle-box on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation>Flat wheel detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects flat spots on
wheels on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
  <xs:annotation>
    <xs:documentation>Dynamic wheel load</xs:documentation>
    <xs:documentation>detector Special equipment is in trackside for
inspect of the overloaded wagons.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">
  <xs:annotation>
    <xs:documentation>Freight yard</xs:documentation>
    <xs:documentation>A freight yard is commercial usage of a physical
location which can be used as a sending or a destination station in freight
orders of rail freight transports. The freight yard can have his own
codification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="37">
  <xs:annotation>
    <xs:documentation>Loading point</xs:documentation>
    <xs:documentation>A loading point is a commercial usage of a
physical location. Each loading point is assigned to a
yard.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="38">
  <xs:annotation>
    <xs:documentation>IM Network link</xs:documentation>
    <xs:documentation>It allows to link two locations from different
IM Networks</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>Reservation code</xs:documentation>
    <xs:documentation/>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="40">
  <xs:annotation>
    <xs:documentation>Metastation</xs:documentation>
    <xs:documentation>To mark a meta location that forms the link
between different stations that are considered as equal (for the
traveller)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="41">
  <xs:annotation>
    <xs:documentation>CompanySpecificIdentifier</xs:documentation>
    <xs:documentation>Company specific identifier of the primary
location</xs:documentation>
  </xs:annotation>

```

```

</xs:enumeration>
<xs:enumeration value="42">
  <xs:annotation>
    <xs:documentation>
      DIUM stations - Places of acceptance/delivery
      Station open into international traffic of goods (tariff point
      included in DIUM) - consignment acceptance/delivery station (loading points
      are excluded and covered by TypeCode 37).
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="43">
  <xs:annotation>
    <xs:documentation>
      Passengers cars public loading Is a type of
      physical location on the open access network where passengers can put their
      car on a carrying train
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
  <xs:annotation>
    <xs:documentation>
      Passengers cars private loading Is a type of
      physical location outside the open access network where passengers can put
      their car on a carrying train
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
  <xs:annotation>
    <xs:documentation>
      Sewage dump Place for cleaning purposes -
      disposal of the waste
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
  <xs:annotation>
    <xs:documentation>
      Refuelling Point Location where refuelling
      takes place
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
  <xs:annotation>
    <xs:documentation>
      Mains Supply Location where energy supply can be
      provided for the rolling stock e.g. preheating
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="48">
  <xs:annotation>
    <xs:documentation>
      Water Supply Location where water supply can be
      provided for the rolling stock
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="49">
    <xs:annotation>
        <xs:documentation>
            Compressed plant    Train on a track with motion
            stabled with external air supply for braking systems
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="50">
    <xs:annotation>
        <xs:documentation>
            Indoor cleaning platform    Cleaning point -interior
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="51">
    <xs:annotation>
        <xs:documentation>
            Car-wash plant    Cleaning point -outdoor
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="52">
    <xs:annotation>
        <xs:documentation>
            Short dry-cleaning track    Cleaning point
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="53">
    <xs:annotation>
        <xs:documentation>
            Pollution protective plateTrack where floor that
            avoids pollution of the earth below
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="54">
    <xs:annotation>
        <xs:documentation>
            Sand-filling station    Location where sand is
            filled
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="55">
    <xs:annotation>
        <xs:documentation>
            Repair track    Location where a train/wagon/engine
            can be repaired
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="56">
    <xs:annotation>

```

```

        <xs:documentation>
            Signal box    The location of a building containing
            signalling equipment
        </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="57">
    <xs:annotation>
        <xs:documentation>Intermodal Terminal</xs:documentation>
        <xs:documentation> Intermodal Terminal is a location which
        provides the space, equipment and operational environment under which the
        transfer of loading units (freight containers, swap bodies, semi-trailers or
        trailers) takes place </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="58">
    <xs:annotation>
        <xs:documentation>OSJD system based location</xs:documentation>
        <xs:documentation>Location code used within
        OSJD</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="59">
    <xs:annotation>
        <xs:documentation>Train Service Substitute Stop</xs:documentation>
        <xs:documentation>Place outside of railway station or railway
        stop, where passengers board or leave bus or any other transport mean as
        substitution of train service. Physical part of Primary
        Location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
    <xs:annotation>
        <xs:documentation>Multifunctional rail terminal</xs:documentation>
        <xs:documentation>Facilities for conventional and/or intermodal
        rail/road transshipment principally open for public use and for all types of
        cargo. This kind of facility does not only provide transshipment, but also
        additional services like storage, consignment or road pre/end haulage.
        Physical part of Primary Location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
    <xs:annotation>
        <xs:documentation>Relief facility</xs:documentation>
        <xs:documentation>Facilities providing equipment and
        infrastructure used to overcome a disruption (derailment, collision or other
        accidents). Physical part of Primary Location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="66">
    <xs:annotation>
        <xs:documentation>Location ENEE Code</xs:documentation>
        <xs:documentation>Legacy ENEE code of the parent primary location.
        Different coding of primary location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="70">
    <xs:annotation>

```

```

    <xs:documentation>Network Border</xs:documentation>
    <xs:documentation>Network border between two neighboring IM's;
    first or last Primary Location on a network. Attribute of primary
    location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="71">
    <xs:annotation>
      <xs:documentation>State border</xs:documentation>
      <xs:documentation>Political border between two member states.
      Attribute of primary location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="72">
    <xs:annotation>
      <xs:documentation>Administrative border</xs:documentation>
      <xs:documentation>Border point inside a member state to define
      federal structures or administrative districts or local areas. Attribute of
      primary location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="74">
    <xs:annotation>
      <xs:documentation>Operational handover</xs:documentation>
      <xs:documentation>Location where the responsibility for operation
      changes or can change between two involved IMs. Attribute of primary
      location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="75">
    <xs:annotation>
      <xs:documentation>Planning handover</xs:documentation>
      <xs:documentation>Location where the responsibility for timetable
      planning and path allocation changes or can change between two involved IMs.
      Attribute of primary location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="76">
    <xs:annotation>
      <xs:documentation>Other technical facility</xs:documentation>
      <xs:documentation>All technical installations and services that
      are not included in other facility types. E.g. Pre heating, de icing, air
      conditioning, Washing/cleaning of rolling stock, Disinfection of rolling
      stock, Sewage removal and Stationary brake test facilities. Physical part of
      Primary Location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="90">
    <xs:annotation>
      <xs:documentation>Test Loc</xs:documentation>
      <xs:documentation/>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="99">
    <xs:annotation>
      <xs:documentation>Relation to Station</xs:documentation>
      <xs:documentation>An indicator used to show that this location is
      a subsidiary of another location.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```

	<pre> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>
--	--

attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.4		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	PLA	documentation Public Location Arrival
	enumeration	PLD	documentation Public Location Departure
	enumeration	ELA	documentation Earliest Location Arrival
	enumeration	ELD	documentation Earliest Location Departure
	enumeration	LLA	documentation Latest Location Arrival
	enumeration	LLD	documentation Latest Location Departure
	enumeration	ALA	documentation Actual Location Arival
	enumeration	ALD	documentation Actual Location Departure
	enumeration	ERT	documentation Earliest Run Through
	enumeration	ART	documentation Actual Run Through
	enumeration	LRT	documentation Latest Run Through
source	<pre> <xs:attribute name="TimingQualifierCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="PLA"> <xs:annotation> <xs:documentation>Public Location Arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PLD"> <xs:annotation> <xs:documentation>Public Location Departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ELA"> <xs:annotation> <xs:documentation>Earliest Location Arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ELD"> <xs:annotation> <xs:documentation>Earliest Location Departure</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>		

```
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="LLA">
  <xs:annotation>
    <xs:documentation>Latest Location Arrival</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="LLD">
  <xs:annotation>
    <xs:documentation>Latest Location Departure</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ALA">
  <xs:annotation>
    <xs:documentation>Actual Location Arival</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ALD">
  <xs:annotation>
    <xs:documentation>Actual Location Departure</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ERT">
  <xs:annotation>
    <xs:documentation>Earliest Run Through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ART">
  <xs:annotation>
    <xs:documentation>Actual Run Through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="LRT">
  <xs:annotation>
    <xs:documentation>Latest Run Through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
```