

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

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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: C:\Projects\TAF-TSI\taf_cat_complete.xsd
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.0**

Elements	Complex types	Simple types	Attributes
ActualEndDateTime	CargoCodeType	CommunicationRefID	CI InstanceNumber
ActualETA	CompositIdentifierOperationalType	CompanyCode	
ActualETI	CompositIdentifierPlannedType	CountryIdentISO	
AdditionalInstruction	ConsignmentIdent	DeltaTime	
Address	CustomerCode	DerailmentDetectionDevice	
AdministrativeContactInformation	DanGoodsType	EquipmentNumberType	
AffectedSection	DimensionValue	EquipmentTypeType	
AgainstBooked	LocationIdent	ForwardingRestrictionType	
AgainstReferenced	TrainActivityType	FreeText	
AgreedTimeOfDelivery	ValidityPeriod	Name	
AirBrake		NHMCodeType	

AirBrakedMass	Numeric1-5
AlertMessage	Numeric1-6
AllocationCompany	Numeric2-2
ArrivalAtDestination	Numeric3-3
ArrivalInterchangeReport	Numeric4-4
ArrivalTimeAtDestination	Speed
ArrivalTimeAtLocation	String1-10
ArrivalTimeAtLocationActual	String1-14
ArrivalTrackAtLocation	String1-5
AssociatedAttachedOTN	String1-7
AssociatedAttachedTrainID	String1-8
BogiePitch	String4-4
BookedLocationDateTime	String5-5
BookedLocationTime	String5-8
BrakeWeight	Time
BrakingRatio	VolumeValue
ChangeofTrackMessage	WagonIdent
CityTown	WeightValueKilo
ClosingTime	WeightValueTonne
Coasting	
Comments	
CommitmentETA	
Company	
ConsignmentNumber	
ConsignmentOrderMessage	
ContainerHandlingFlag	
ContractNumber	
ContractNumberMovement	
CoordinatingIM	
Core	
CountryCodeISO	
CreateDateTime	
Customer	
CustomerNumber	
Customers	
DangerousGoodsIndication	
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](#)
[Goods](#)
[GoodsDescription](#)
[GoodsInWagon](#)
[GrossWeight](#)
[HandBrake](#)
[HandlingInstruction](#)
[HandoverPointFlag](#)
[Height](#)
[HighestPlannedSpeed](#)
[Identifiers](#)
[IM Partner](#)
[ImpactedRU](#)
[IntermediateDestination](#)
[InternalReferenceIdentifier](#)

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[InterruptionDescription](#)

[InterruptionInformation](#)

[InterruptionPoint](#)

[InterruptionReason](#)

[ITU](#)

[ITU_Details](#)

[ITU_Type](#)

[JourneySection](#)

[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](#)

[LocationValidityPeriod](#)

[LocoNumber](#)

[LocoTypeNumber](#)

[Longitude](#)

[MaxAxleWeight](#)

[MaxDesignSpeed](#)

[MaxGrossWeight](#)

[MaxLengthOfLoad](#)

[MaxTemp](#)

[Measure](#)

[MessageDateTimeCreated](#)

[MessageHeader](#)

[MessageIdentifier](#)

[MessageReference](#)

[MessageRoutingID](#)

[MessageType](#)

[MessageTypeVersion](#)

[MinBrakedWeightPercent](#)

[MinCurveRadius](#)

[MinTemp](#)

[MinVerticalRadiusYardHump](#)

[ModificationReason](#)

[ModificationStatusIndicator](#)

[Name](#)

[NetworkSpecificParameter](#)

[NextIntermediateDestination](#)

[NextResponsibleRU](#)

[NHM Code](#)

[Noise](#)

[NoiseByPassLimit](#)

[NumberOfAxles](#)

[NumberOfBogies](#)

[NumberOfVehicles](#)

[ObjectType](#)

[Offset](#)

[OffsetToReference](#)

[OnDemandPath](#)

[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](#)
[RelatedIdentifier](#)
[RelatedPlannedTransportIdentifiers](#)
[RelatedReference](#)
[RelatedSenderReference](#)
[RelatedTransportOperationalIdentifiers](#)
[Remarks](#)
[RequestedCalendar](#)
[RequestedPeriod](#)
[RequestedTimeframe](#)
[ResponsibilityActualSection](#)
[ResponsibilityNextSection](#)
[ResponsibleApplicant](#)
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[RestrictionsDueToLoadOrDamage](#)
[RevisedRequest](#)
[RID](#)
[RollingRoadUnit](#)
[RollingStockDataset](#)
[RollingStockDatasetMessage](#)
[RollingStockDatasetQueryMessage](#)
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[Routing](#)
[RP Code](#)
[RU Partner](#)
[ScheduledDateTimeAtTransfer](#)
[ScheduledTimeAtHandover](#)
[ScheduledTimeAtLocation](#)
[Seals](#)
[Sender](#)
[SenderReference](#)
[Ship](#)
[SpecialTreatments](#)
[StartDate](#)
[StartDateTime](#)
[StartLocation](#)

[**Station**](#)[**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**](#)[**TransfereeIM**](#)[**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](#)

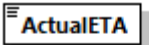
[YardArrival](#)

[YardDeparture](#)

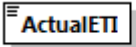
element **ActualEndTime**

diagram	 <p>Identifies the actual 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/3.0
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="ActualEndTime" 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>

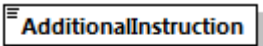
element **ActualETA**

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/3.0
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>

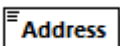
element **ActualETI**

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/3.0
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/3.0									
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	 <p>Generic postal address in clear text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

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**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	Name Address eMail PhoneNumber FaxNumber FreeTextField
used by	elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage
annotation	documentation Used to define administrative contact information
source	<pre><xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

	<pre><xs:element <xs:element <xs:element <xs:element <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element></pre>	<pre>ref="Name"/> minOccurs="0"/> minOccurs="0"/> minOccurs="0"/> minOccurs="0"/> minOccurs="0"/> ref="Address" ref="eMail" ref="PhoneNumber" ref="FaxNumber" ref="FreeTextField"</pre>
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element **AffectedSection**

diagram	<p>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</p> <p>This is the calendar item for path request/path details messages - used in planning phase</p> <p>The usage of this element must be specified in national rules and has to be defined by each IM</p>	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
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> <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="EndOfSection" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="PlannedCalendar" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="0..∞"/> </xs:sequence> </xs:complexType> </xs:element></pre>	

```

</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>

```

element **AffectedSection/StartOfSection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>


source	<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>
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element **AffectedSection/EndOfSection**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<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>

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

element **AgainstBooked**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	DeltaTime
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>

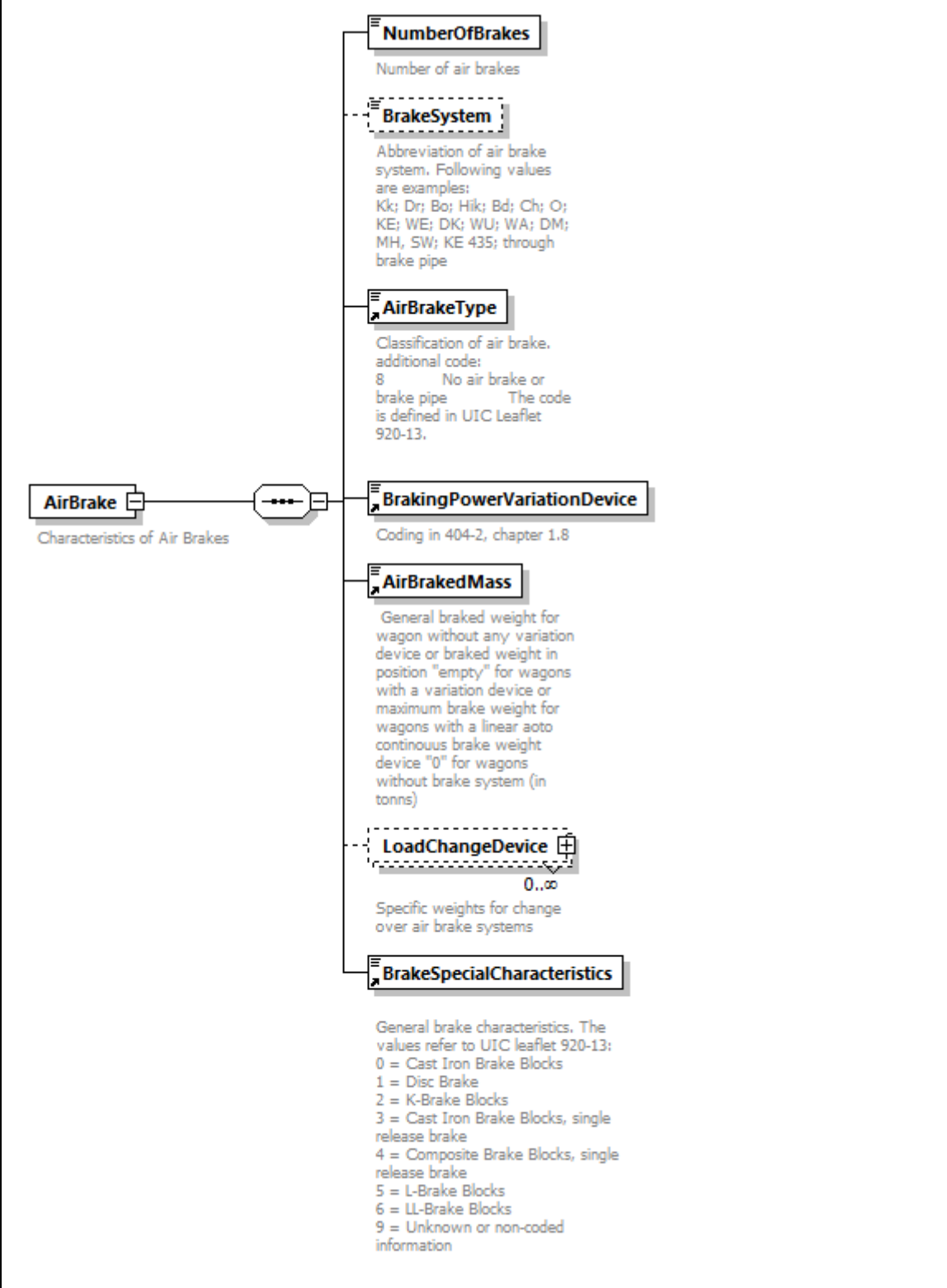
element **AgainstReferenced**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	<p>The requested Date and Time for the delivery of a wagon/shipment or Intermodal units at customer...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 units at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

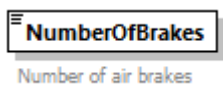
element **AirBrake**

<p>diagram</p> 	<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, additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</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 tonnes)</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: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake Blocks 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake Blocks 6 = LL-Brake Blocks 9 = Unknown or non-coded information</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics</p>

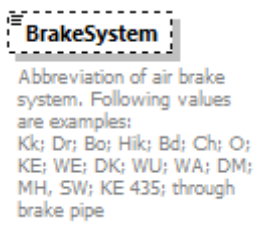
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Characteristics of Air Brakes
source	<pre> <xs:element name="AirBrake"> <xs:annotation> <xs:documentation>Characteristics of Air Brakes</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfBrakes" 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" value="256"/> </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> </xs:element> </pre>

	<pre> </xs:element> </xs:sequence> </xs:complexType> </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/3.0									
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/3.0						
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: </pre>						

	<p>Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation></p> <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="256"/> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


element **AirBrake/LoadChangeDevice**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	<p>minOcc 0 maxOcc unbounded content complex</p>
children	ChangeOverWeight AirBrakedMassLoaded
annotation	<p>documentation Specific weights for change over air brake systems</p>
source	<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>

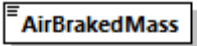
element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

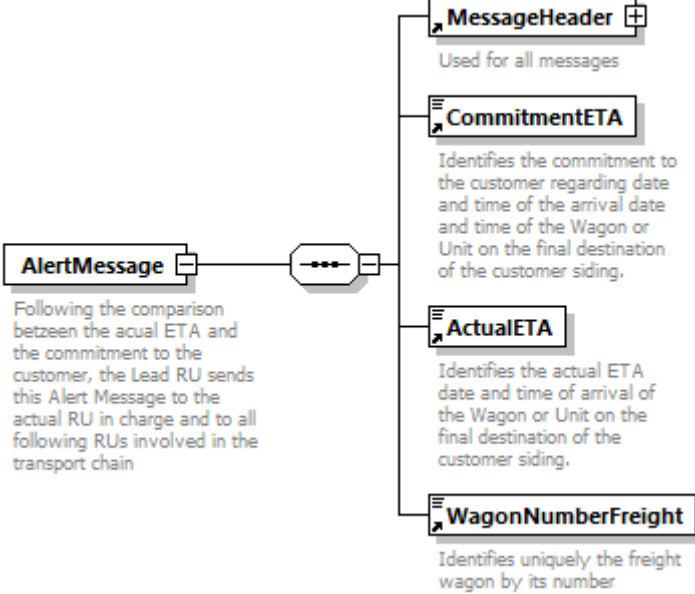
element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

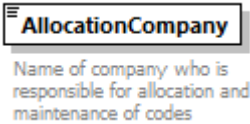
element **AirBrakedMass**

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/3.0									
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	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).									
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/3.0</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/3.0</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 **ArrivalAtDestination**

diagram	<p>Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but he location of the last RU which has to organise the final delivery of the wagon to customer sidings</p> <p>Destination Location</p> <p>The actual Date and Time of the arrival of wagons by train at its final destination yard</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 he 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 he 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**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Source Location ArrivalTimeAtLocation TrainID</p>
<p>used by</p>	<p>element WagonETI ETA Message</p>
<p>annotation</p>	<p>documentation The arrival or interchange station where ETI end</p>
<p>source</p>	<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> <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**

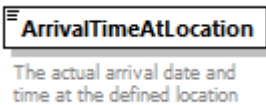
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

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>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/3.0
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/3.0
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**

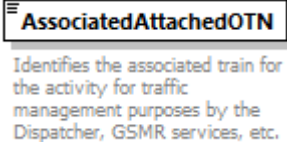
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
used by	element YardArrival
annotation	documentation The actual arrival date and time at the defined location
source	<pre><xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **ArrivalTrackAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	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.
source	<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 **AssociatedAttachedOTN**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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 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>									

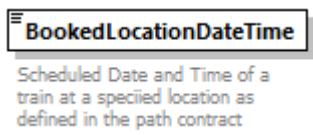
element **AssociatedAttachedTrainID**

<p>diagram</p>	<p>AssociatedAttachedTrainID TrainID of the Associated Train in an Attach Activity</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) and Path Request (PR) 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/3.0</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>complexType TrainActivityType</p>
<p>annotation</p>	<p>documentation TrainID of the Associated Train in an Attach Activity</p>
<p>source</p>	<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>

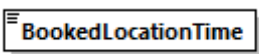
element **BogiePitch**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

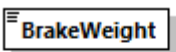
element **BookedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
used by	elements ChangeofTrackMessage AffectedSection/EndOfSection JourneySection/JourneySectionDestination JourneySection/JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Scheduled Date and Time of a train at a specied 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 specied 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/3.0
type	xs:time
properties	content simple
used by	elements AffectedSection/EndOfSection AffectedSection/StartOfSection
source	<code><xs:element name="BookedLocationTime" type="xs:time"/></code>

element **BrakeWeight**

diagram	 Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	 Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

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. Expressed as an integer value (no percent sign should be added).									
source	<pre> <xs:element name="BrakingRatio"> <xs:annotation> <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 **ChangeofTrackMessage**


<p>diagram</p> <p>ChangeofTrackMessage</p> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p>	<p>MessageHeader +</p> <p>Used for all messages</p> <p>MessageStatus</p> <p>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion</p> <p>TrainOperationalIdentification +</p> <p>OperationalTrainNumberIdentifier +</p> <p>ReferenceOTN +</p> <p>LocationPlannedTrack +</p> <p>LocationActualTrack +</p> <p>BookedLocationDateTime</p> <p>Scheduled Date and Time of a train at a specified location as defined in the path contract</p> <p>TrainLocationStatus</p> <p>Identifies the status of a train related to the actual time at a reporting point</p> <p>InterruptionReason</p> <p>This element identifies the reason for an interruption of the train running</p> <p>InterruptionDescription</p> <p>0..∞</p> <p>The free text description of an interruption</p> <p>TransferPoint +</p> <p>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to</p> <p>TransfereeIM</p> <p>Next IM</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime TrainLocationStatus InterruptionReason InterruptionDescription TransferPoint TransfereeIM</p>
<p>annotation</p>	<p>documentation This message is issued to show that the train is arriving at another platform to the one that was scheduled</p>
<p>source</p>	<p><xs:element name="ChangeofTrackMessage"></p>


```

<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:sequence>
  <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 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>

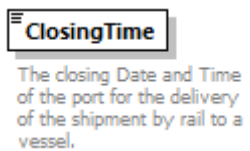
```

element **CityTown**

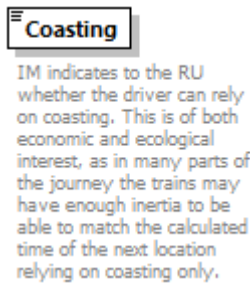
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <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" value="35"/> <xs:restriction value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ClosingTime**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

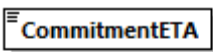
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData

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/3.0									
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**

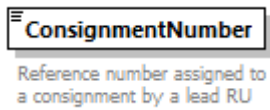
diagram	 Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	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 destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre>

	<code></xs:element></code>
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element **Company**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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/3.0
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**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader COMS</p>
<p>annotation</p>	<p>documentation Consignment Order Message from Lead RU to RU</p>
<p>source</p>	<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</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:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as or 'CIM'.</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: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:pattern value=".*[+-]\d{2}:\d{2}"/> </xs:restriction> </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: RRRRYYYYMMDDNNNNNNN 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"> </pre>
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<p>3]\d{8}"/></p> <p>contractual carrier during the transport.</p> <p>applied.</p> <p>message (as also written into COMHeader/COMVersionNumber).</p> <p>message</xs:documentation></p>	<pre> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0- </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="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"> </pre>
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	<pre> <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="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNC The number consists of NNNN = 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 ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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<p>the hand over of the consignment</p> <p>maxOccurs="10"></p> <p>element contains either declarations of the original consignor or declarations of the LeadRU as consignor</p> <p>declaration</p> <p>complete</p> <p>concerning the complete consignment's reference</p> <p>regarding the whole consignment. Comparable with the element WagonInfo, but</p>	<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="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Customers" maxOccurs="2"/> <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 name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <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="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but </pre>
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<p>for</p> <p>maxOccurs="10"></p> <p>transport</xs:documentation></p> <p>The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation></p> <p>minOccurs="0"></p> <p>regarding the attached document may be entered here.</xs:documentation></p> <p>minOccurs="0"></p> <p>when it is not in the UN/EDIFACT 1001 list included.</xs:documentation></p>	<pre> all </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" <xs:annotation> <xs:documentation>Paper documents accompanying the </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" <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:element name="DocumentTypeDescription" <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> </pre>	<p>wagons.</xs:documentation></p>
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	<pre> </xs:simpleType> </xs:element> </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 name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with 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:element ref="ContractNumber"/> <xs:element ref="Routing" minOccurs="0"/> <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 procedures. </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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	<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> <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"> </pre>
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<p>declaration.</p> <p>added</p> <p>code.</p> <p>packing</p> <p>packaging:</p> <p>packaging:</p> <p>poor condition:</p> <p>damaged:(give</p> <p>(give</p>	<pre> <xs:annotation> <xs:documentation>Details of the carriers </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory </xs:documentation> </xs:annotation> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient </xs:documentation> </xs:annotation> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in </xs:documentation> </xs:annotation> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods </xs:documentation> </xs:annotation> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... </xs:documentation> </xs:annotation> <xs:enumeration value="4.4"> <xs:annotation> </pre>
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	<pre> <xs:documentation>Goods frozen: ... details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </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"> <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 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> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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```

        </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="11">
            <xs:annotation>
                <xs:documentation>Examination not
made because of a shortage of resources: ... (give details)</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="12">
            <xs:annotation>
                <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>
        <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:pattern value=".*00:00[+
]\d{2}:\d{2}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>

```

	<pre> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, 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="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 1 maxOcc 50 content complex
children	COM Header COM
annotation	documentation Message
source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message</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 dossier number, 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> <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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        <xs:documentation>Use here a counter, any
system.</xs:documentation>
        </xs:annotation>
        </xs:maxLength>
        </xs:restriction>
        </xs:simpleType>
</xs:element>
<xs:element name="ShipmentType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Classification of the wagon order as 'CUV'
or 'CIM'.</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:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatettime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime">
      <xs:pattern value=".*[+-]\d{2}:\d{2}"/>
    </xs:restriction>
  </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: 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>
<xs:element name="VersionNumber">

```

	<pre> <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="ChangeLog" minOccurs="0" maxOccurs="100"> <xs:annotation> <xs:documentation>Log of changes made by the LeadRU / 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="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<pre> <xs:element ref="PreviousResponsibleRU" minOccurs="0"> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange </xs:documentation> </xs:annotation> </xs:element> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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 ref="LoadingFacility" minOccurs="0"/> </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="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
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        <xs:element ref="LoadingFacility" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element ref="Customers" maxOccurs="2"/>
  <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 name="ConsignorDeclarationsCode"
type="xs:string">
          <xs:annotation>
            <xs:documentation>Coded consignor
declaration</xs:documentation>
          </xs:annotation>
        </xs:element>
        <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="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: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: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: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 name="Code">
            <xs:annotation>
              <xs:documentation>Commercial specifications
            </xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:token"/>
            </xs:simpleType>
          </xs:element>
          <xs:element name="SpecificationText" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Additional Text for codes with free
            </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 ref="ContractNumber"/>
    <xs:element ref="Routing" minOccurs="0"/>
    <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
            </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
            </xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </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 name="RU_DeclarationCode">
          <xs:annotation>
            <xs:documentation>Carrier declaration code.

```


	<pre> <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"> <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 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> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <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 </pre>
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

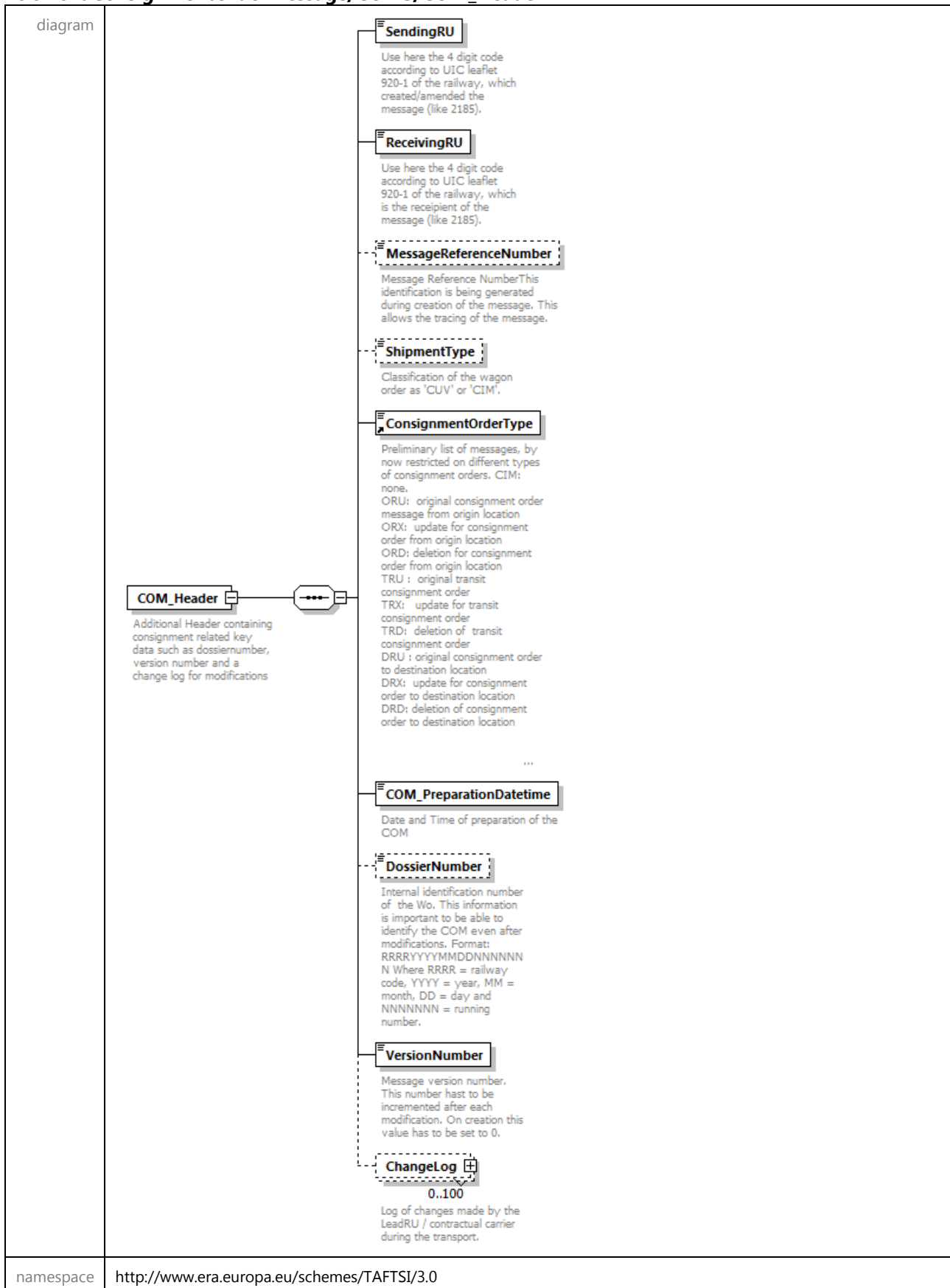
```

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>
        <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
type="LocationIdent"
        name="DifferentAcceptancePoint"
        minOccurs="0">
        <xs:annotation>
        <xs:documentation>Variance of acceptance point
given in structure AcceptancePoint.</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element
minOccurs="0">
        name="DifferentAcceptanceDate"
        <xs:annotation>
        <xs:documentation>Variance of acceptance date
given structure AcceptancePoint.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
        <xs:restriction base="xs:dateTime">
        <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
        </xs:restriction>
        </xs:simpleType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element ref="Wagons" 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="xs:string">

```

```
        <xs:length value="12"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ReferenceOriginalCN" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Reference to the original consignment note
between lead RU/contractual carrier and consignor</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="150"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/>
</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 ChangeLog
annotation	documentation Additional Header containing consignment related key data such as dossier number, 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 dossier number, 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> <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" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

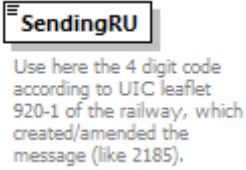
```

        </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: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:pattern value=".*[+-]\d{2}:\d{2}"/>
        </xs:restriction>
    </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: 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>
<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="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>

```

	<pre> <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> </pre>
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element **ConsignmentOrderMessage/COMS/COM_Header/SendingRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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>												

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

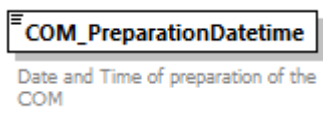
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	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>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 Number This 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 Number This 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"></pre>									

	<pre> <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>
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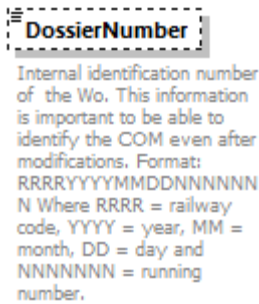
element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

diagram	 <p>Classification of the wagon order as 'CUV' or 'CIM'.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>CIM</td> <td>documentation Regular transport, according in basic to the CIM consignment note.</td> </tr> <tr> <td>enumeration</td> <td>CUV</td> <td>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.</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM	documentation Regular transport, according in basic to the CIM consignment note.	enumeration	CUV	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.
Kind	Value	Annotation								
enumeration	CIM	documentation Regular transport, according in basic to the CIM consignment note.								
enumeration	CUV	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.								
annotation	documentation Classification of the wagon order as 'CUV' or 'CIM'.									
source	<pre> <xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:enumeration> <xs:enumeration value="CUV"> <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:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

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

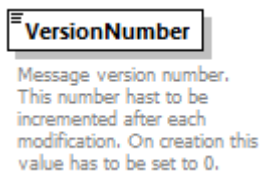
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	restriction of xs:dateTime						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>.*[+-]\d{2}:\d{2}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	pattern	.*[+-]\d{2}:\d{2}	
Kind	Value	Annotation					
pattern	.*[+-]\d{2}:\d{2}						
annotation	documentation Date and Time of preparation of the COM						
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:pattern value=".*[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

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

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>length</td> <td>19</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d{4}20\d{2}[0-1][0-9][0-3]\d{8}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	19		pattern	\d{4}20\d{2}[0-1][0-9][0-3]\d{8}	
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: RRRYYYYMMDDNNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.									
source	<pre> <xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> </pre>									

	<pre> <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 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>
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element **ConsignmentOrderMessage/COMS/COM_Header/VersionNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>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 Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.									
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/ChangeLog**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>minOcc 0 maxOcc 100 content complex</p>
<p>children</p>	<p>DateTime NumberOfModifiedVersion</p>
<p>annotation</p>	<p>documentation Log of changes made by the LeadRU / contractual carrier during the transport.</p>
<p>source</p>	<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**

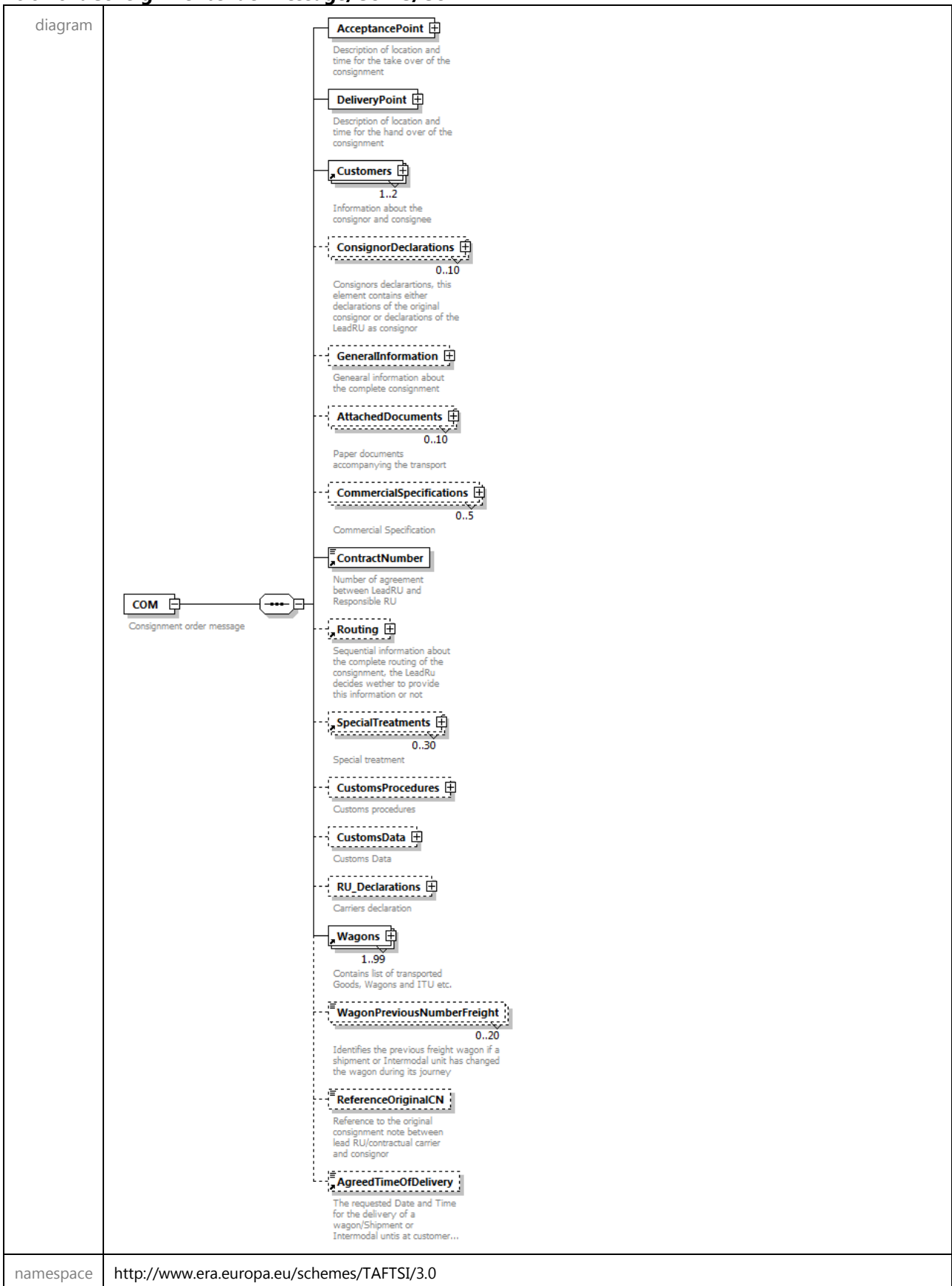
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>type</p>	<p>restriction of xs:dateTime</p>

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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 ContractNumber Routing SpecialTreatments CustomsProcedures CustomsData RU_Declarations Wagons WagonPreviousNumberFreight ReferenceOriginalCN 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="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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:element> </xs:sequence> </xs:complexType> </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="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="LoadingFacility" minOccurs="0"/>
</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="ProductionStation" minOccurs="0"/>
    <xs:element ref="NextResponsibleRU" minOccurs="0"/>
    <xs:element ref="LoadingFacility" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Customers" maxOccurs="2"/>
<xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this element contains
as          either declarations of the original consignor or declarations of the LeadRU
          consignor</xs:documentation>
  </xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="ConsignorDeclarationsCode" type="xs:string">
      <xs:annotation>
        <xs:documentation>Coded          consignor
declaration</xs:documentation>
      </xs:annotation>
    </xs:element>
    <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:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

```

        <xs:restriction                                base="xs:string">
          <xs:minLength                                value="1"/>
          <xs:maxLength                                value="35"/>
        </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: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: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 name="Code">
        <xs:annotation>
          <xs:documentation>Commercial specifications
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:token"/>
        </xs:simpleType>
      </xs:element>
      <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:element ref="ContractNumber"/>
<xs:element ref="Routing" minOccurs="0"/>
<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: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>

```

	<pre> <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 name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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 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> </pre>
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</xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Loaded by the
consignor</xs:documentation>
  </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">
  <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 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>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Request for examination in
accordance with CIM Article 11 section 3 presented late by the
consignor</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>

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	<pre> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <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> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and </pre>
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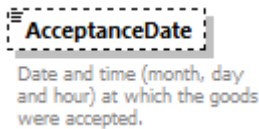
	<pre> ITU etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Station ProductionStation PreviousResponsibleRU AcceptanceDate ResponsibleRU COM_ConsignmentNumber ForwardingTrainNumber LoadingFacility</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="ProductionStation" minOccurs="0"/></pre>

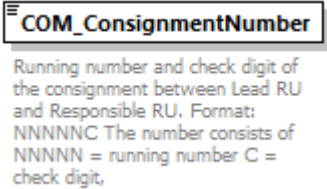
	<pre> <xs:element ref="PreviousResponsibleRU" minOccurs="0"> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange </xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptanceDate" 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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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 ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

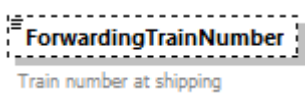
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00:00[+-]\d{2}:\d{2}
annotation	documentation Date and time (month, day and hour) at which the goods were accepted.
source	<pre> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

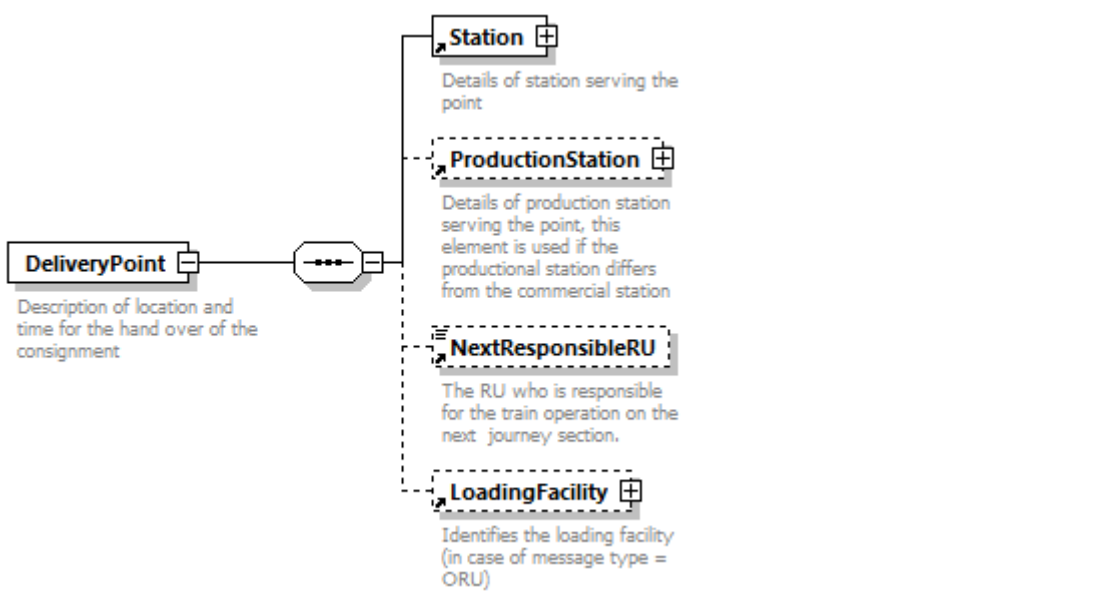
element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/COM_ConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit,
source	<pre> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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/3.0
type	restriction of xs:string
properties	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/DeliveryPoint**

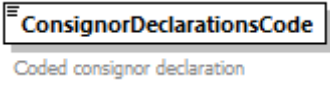
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	Station ProductionStation NextResponsibleRU LoadingFacility
annotation	documentation Description of location and time for the hand over of the consignment

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="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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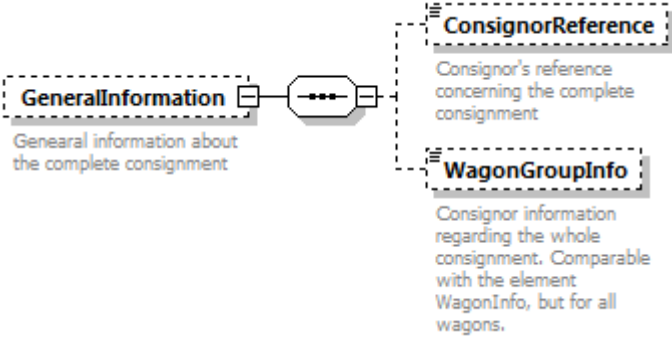
element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

diagram	<p>ConsignorDeclarations (0..10) Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</p> <p>ConsignorDeclarationsCode Coded consignor declaration</p> <p>DeclarationText Additional Text for codes with free text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 10 content complex
children	ConsignorDeclarationsCode 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 name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:string
properties	content simple
annotation	documentation Coded consignor declaration
source	<pre><xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element></pre>

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference 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"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </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> </pre>
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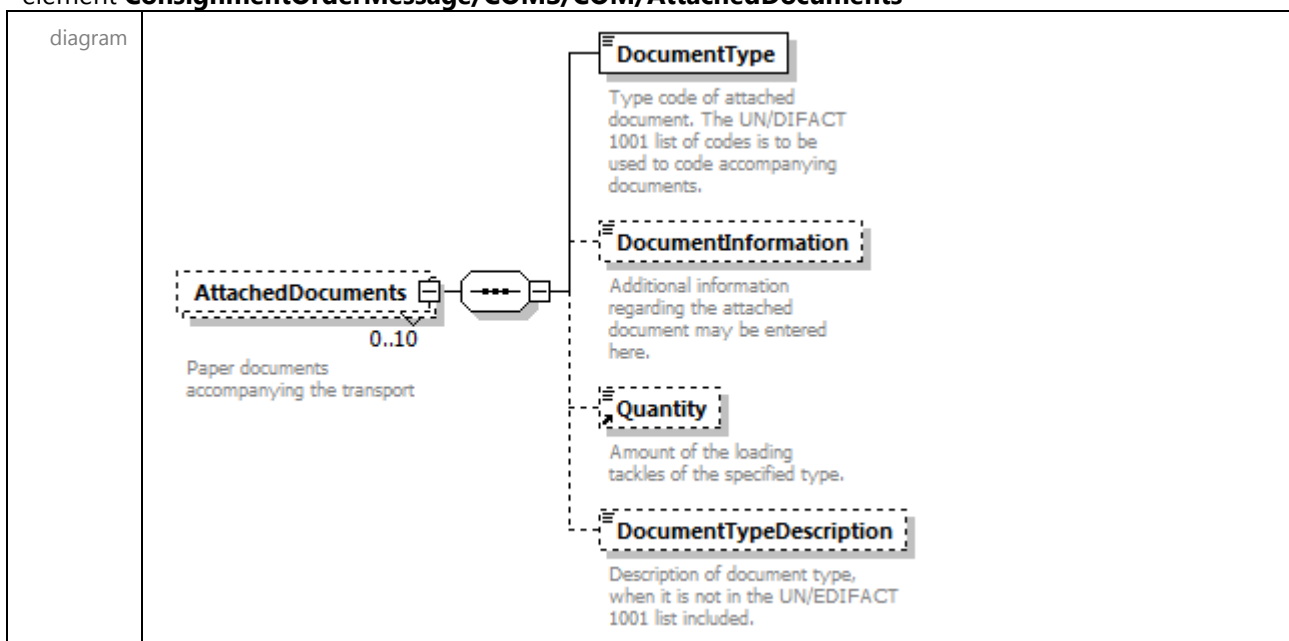
element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	<pre> <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> </pre>									

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

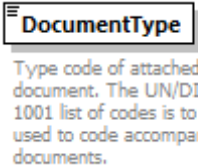
diagram	 <p>WagonGroupInfo</p> <p>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation 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" value="500"/> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

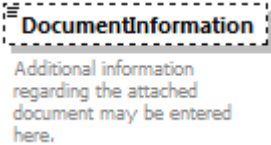


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription
annotation	documentation Paper documents accompanying the transport
source	<pre> <xs:element name="AttachedDocuments" minOccurs="0" 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> <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: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:sequence> </xs:complexType> </xs:element> </pre>

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

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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:simpleType> <xs:restriction base="xs:string"> </pre>									

	<pre> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="1"/> value="35"/> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription**

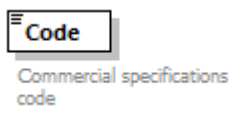
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</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 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/CommercialSpecifications**

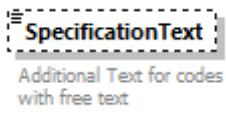
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
properties	minOcc 0 maxOcc 5 content complex	
children	Code SpecificationText	
annotation	documentation Commercial Specification	

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 name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> <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> </pre>
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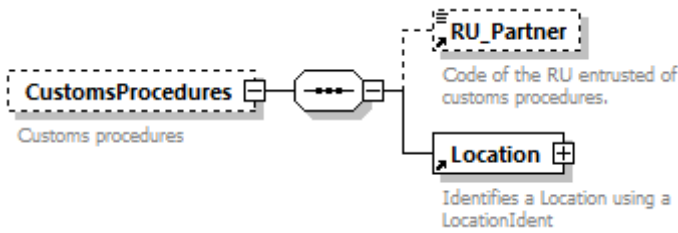
element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/Code**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:token
properties	content simple
annotation	documentation Commercial specifications code
source	<pre> <xs:element name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	<pre> <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> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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:annotation> </xs:element> <xs:element ref="Location" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies a Location using a LocationIdent.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

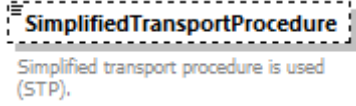
	<pre> <xs:documentation>Code of the RU entrusted of customs procedures. </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/CustomsData**

diagram	<pre> classDiagram class CustomsData { SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good surveillance</xs:documentation> </xs:annotation> <xs:simpleType base="xs:boolean"/> </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 base="xs:string"> <xs:restriction value="1"/> <xs:restriction value="350"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure**

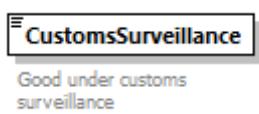
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType base="xs:boolean"/> </xs:element> </pre>

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

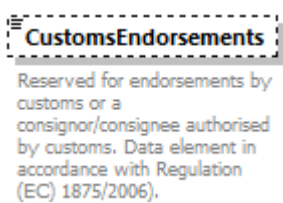
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code for the principal RU
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 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							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
properties	<table border="1"> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table>	minOcc	0	maxOcc	1	content	complex
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 </pre>						

```

declaration.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RU_DeclarationCode">
  <xs:annotation>
    <xs:documentation>Carrier declaration code.
  </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <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
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">
        <xs:annotation>
          <xs:documentation>Loaded by the
consignor</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">

```

<p>weather at the request of the consignor</p> <p>consignee</p> <p>...</p> <p>the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather</p> <p>the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU</p> <p>the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible</p> <p>with CIM Article 11 section 3 presented late by the consignor</p> <p>shortage of resources: ... (give details)</p> <p>details) Other reserves: ... (give</p>	<pre> <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"> <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 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> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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```

        <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>
  <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

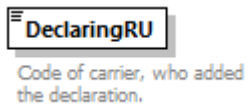
element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>minOcc 0 maxOcc 30 content complex</p>
<p>children</p>	<p>DeclaringRU RU_DeclarationCode DeclarationText</p>
<p>annotation</p>	<p>documentation Details of the carriers declaration.</p>
<p>source</p>	<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 name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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 details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> </pre>

	<pre> <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 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"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </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"> <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 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> </pre>
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	<pre> </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> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <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> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	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/RU_Declaration/RU_DeclarationCode

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	1	documentation Without packing
	enumeration	2	documentation Unsatisfactory packaging: ...(give details)
	enumeration	3	documentation Insufficient packaging: ... (give details)
	enumeration	4.1	documentation Goods clearly in poor condition: ... (give details)
	enumeration	4.2	documentation Goods damaged:(give details)
	enumeration	4.3	documentation Goods wet: ... (give details)
	enumeration	4.4	documentation Goods frozen: ... (give details)
	enumeration	5	documentation Loaded by the consignor
	enumeration	6	documentation Loaded by the carrier in inclement weather at the request of the consignor
	enumeration	7	documentation Unloaded by the consignee
	enumeration	8	documentation Unloaded by the carrier in ...
	enumeration	9.1	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
	enumeration	9.2	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
	enumeration	9.3	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
	enumeration	10	documentation Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor
	enumeration	11	documentation Examination not made because of a shortage of resources: ... (give details)

	<p>enumeration 12 documentation Other reserves: ... (give details)</p> <p>enumeration 13 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.</p>
annotation	documentation Carrier declaration code.
source	<pre> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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 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"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> </pre>

```

<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">
  <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      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>
</xs:enumeration>
<xs:enumeration      value="10">
  <xs:annotation>
    <xs:documentation>Request for examination in accordance with CIM
Article 11 section 3 presented late by the consignor</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration      value="11">
  <xs:annotation>
    <xs:documentation>Examination not made because of a shortage of
resources:      ...      (give      details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration      value="12">
  <xs:annotation>
    <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

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	<pre> not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	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> </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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.
source	<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>

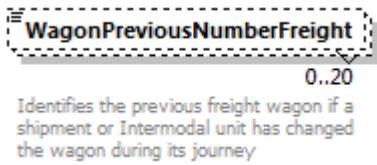
element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

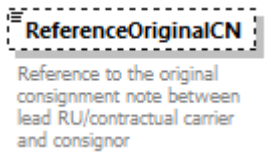
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00:00[+ -]\d{2}:\d{2}
annotation	documentation Variance of acceptance date given structure AcceptancePoint.

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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 20 content simple
facets	Kind Value Annotation length 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="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ReferenceOriginalCN**

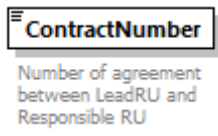
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content simple
facets	Kind Value Annotation minLength 1 maxLength 150
annotation	documentation Reference to the original consignment note between lead RU/contractual carrier and consignor
source	<pre> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ContainerHandlingFlag**

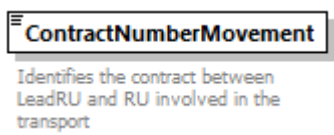
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation This establishment is able to handle container traffic
source	<pre> <xs:element name="ContainerHandlingFlag" type="xs:boolean"> <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/3.0
type	restriction of xs:string
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM 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:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

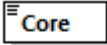
element **ContractNumberMovement**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	 <p>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.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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**

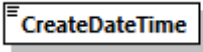
diagram	 <p>It is the main part of identifier and is determined by the company that creates it.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of xs:string												
properties	content simple												
used by	complexTypees CompositIdentifierOperationalType 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> </tbody> </table>	Kind	Value	Annotation	minLength	12		maxLength	12		whiteSpace	replace	
Kind	Value	Annotation											
minLength	12												
maxLength	12												
whiteSpace	replace												

	pattern <code>[\-*0-9A-Z]{12}</code>
annotation	documentation It is the main part of identifier and is determent 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 determent 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>

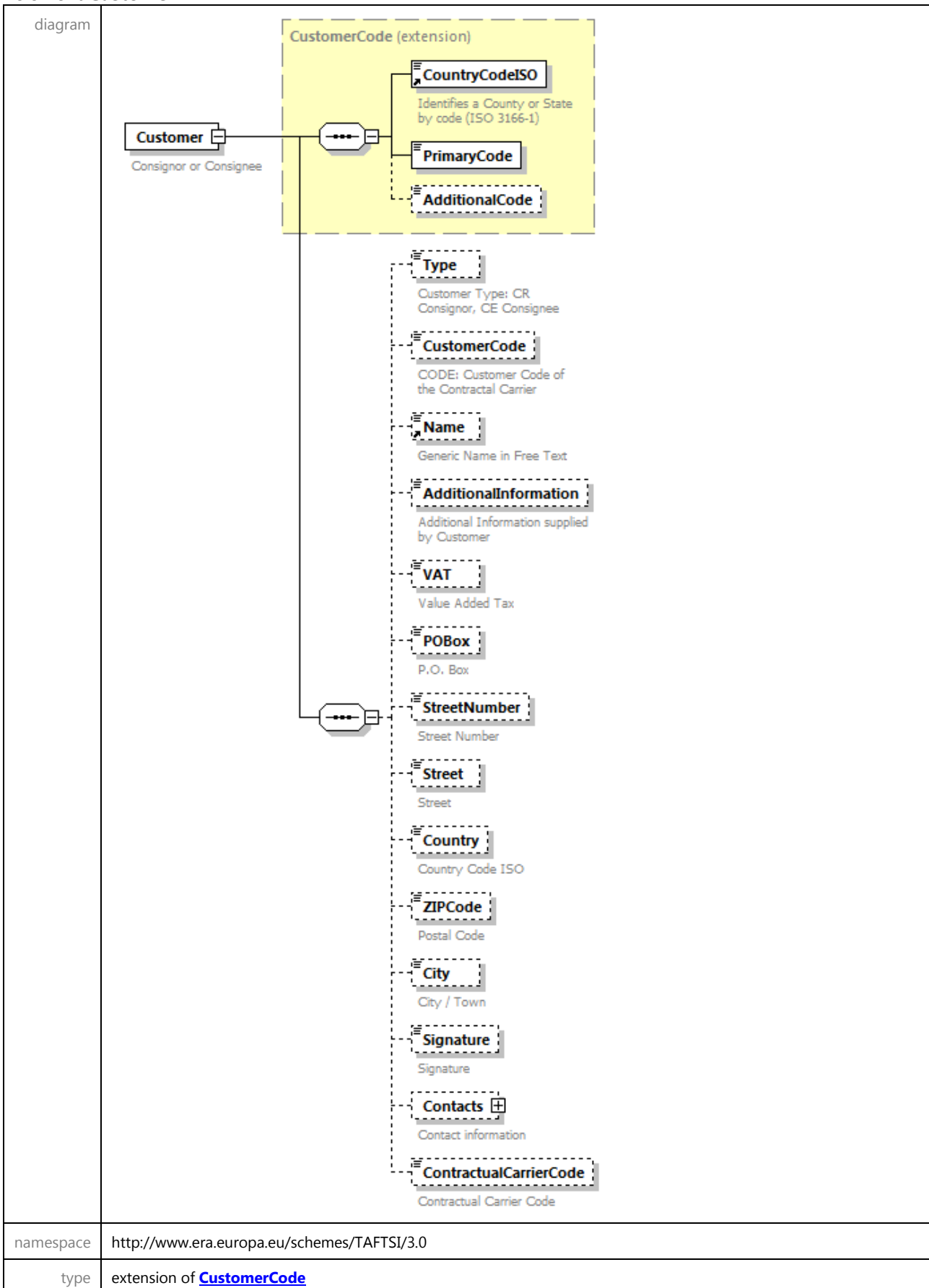
element **CountryCodeISO**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	extension of CountryIdentISO									
properties	content complex									
used by	elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles complexTypes CustomerCode LocationIdent									
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>2</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Identifies a County or State by code (ISO 3166-1)									
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	 <p>Date and Time of creation of data</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of creation of data
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**



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> </xs:annotation> <xs:simpleType> </pre>

```

        <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>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>
    <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"/>
          <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 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>
</xs:sequence>
</xs:extension>

```

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

element **Customer/Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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 Contractal Carrier
source	<pre> <xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> 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**

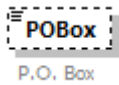
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 45
annotation	documentation Additional Information supplied by Customer
source	<pre> <xs:element name="AdditionalInformation" 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/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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/3.0
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 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**

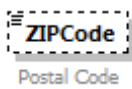
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	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 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/3.0
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/3.0
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/3.0
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 **Customer/Signature**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/Contacts**

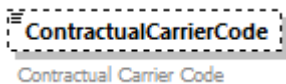
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 1 content complex
children	PhonNumber FaxNumber eMail
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </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**

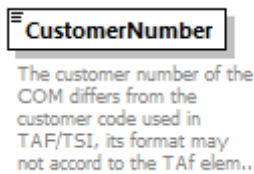
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation

	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/3.0
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/3.0
type	restriction of xs:string

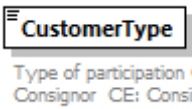
properties	content simple									
used by	elements Customers LoadingFacility									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>16</td> <td></td> </tr> </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**

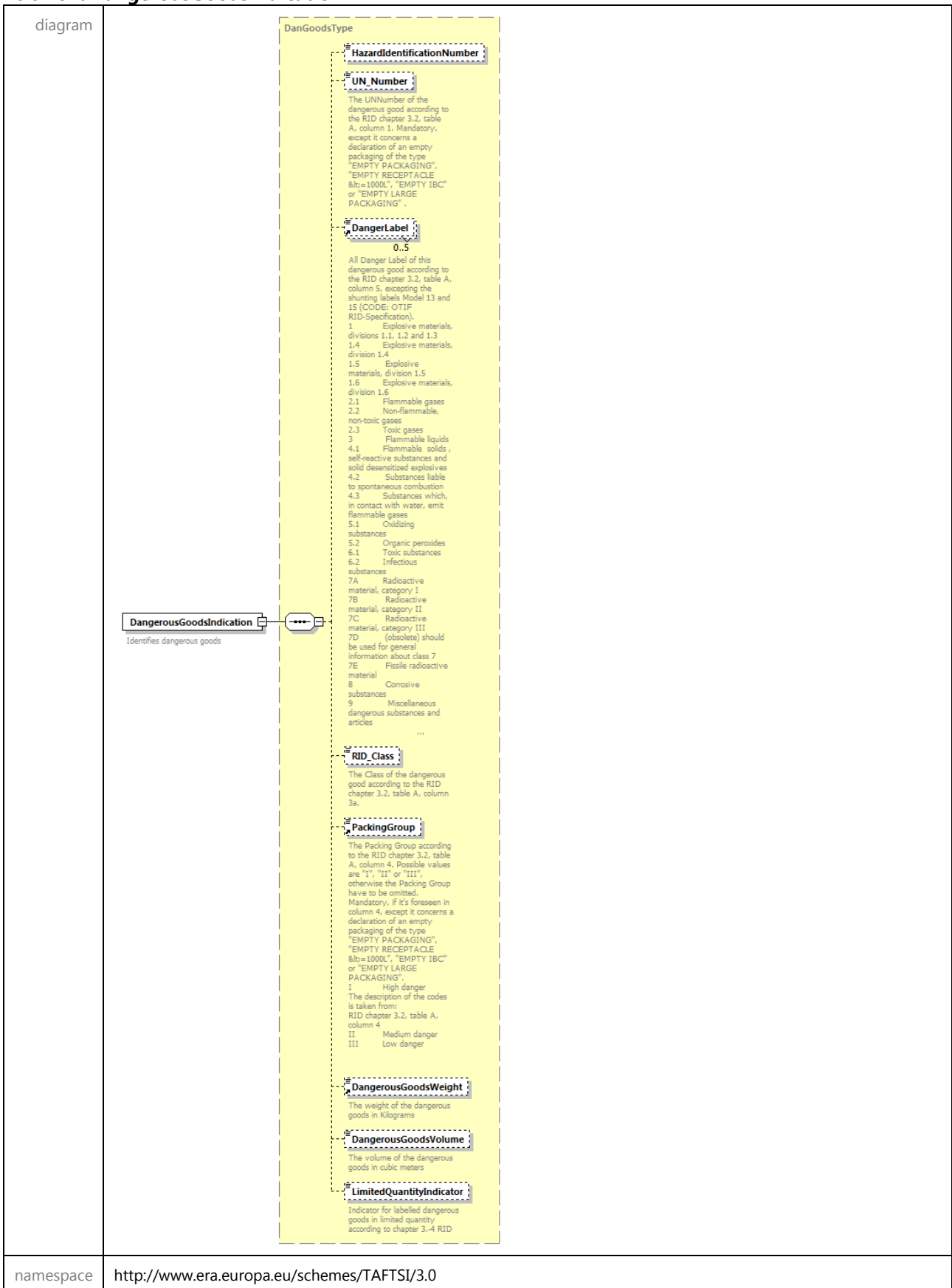
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	CustomerType CustomerNumber AdministrativeContactInformation LeadRU
used by	elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonReleaseNoticeMessage
annotation	documentation Information about the consignor and consignee
source	<pre> <xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor and consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CustomerType"> </pre>

	<pre> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"> <xs:annotation> <xs:documentation>CustomerNumber</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="LeadRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **Customers/CustomerType**

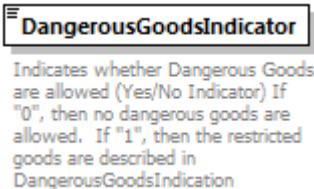
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation enumeration CR enumeration CE
annotation	documentation Type of participation CR: Consignor CE: Consignee
source	<pre> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </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 WagonOperationalData/DangerousGoodsDetails PlannedTrainData RID WagonExceptionMessage WagonExceptionReasonMessage
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/3.0
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/3.0
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>

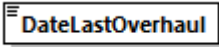
element **DangerousGoodsWeight**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	WeightValueKilo												
properties	content simple												
used by	<table border="0"> <tr> <td>element</td> <td>SummaryOfGoodsWithSameRID</td> </tr> <tr> <td>complexType</td> <td>DanGoodsType</td> </tr> </table>	element	SummaryOfGoodsWithSameRID	complexType	DanGoodsType								
element	SummaryOfGoodsWithSameRID												
complexType	DanGoodsType												
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 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>												

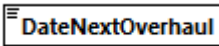
element **Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

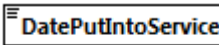
element **DateLastOverhaul**

diagram	 <p>Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

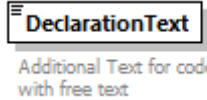
element **DateNextOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:date
properties	content simple
source	<pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre>

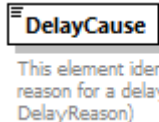
element **DatePutIntoService**

diagram	 <p>Original Date of first operation</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

element **DeclarationText**

diagram	 Additional Text for codes with free text									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	 This element identifies the reason for a delay (modified DelayReason)																														
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																														
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></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19		enumeration	20		enumeration	21	
Kind	Value	Annotation																													
enumeration	11																														
enumeration	10																														
enumeration	12																														
enumeration	13																														
enumeration	14																														
enumeration	18																														
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enumeration	21																														


	<p>enumeration 22</p> <p>enumeration 23</p> <p>enumeration 24</p> <p>enumeration 25</p> <p>enumeration 28</p> <p>enumeration 29</p> <p>enumeration 31</p> <p>enumeration 30</p> <p>enumeration 32</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p> <p>enumeration 58</p> <p>enumeration 59</p> <p>enumeration 60</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 64</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 94</p> <p>enumeration 95</p>
annotation	<p>documentation</p> <p>This element identifies the reason for a delay (modified DelayReason)</p>
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**

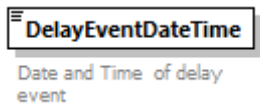
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks</p>
<p>used by</p>	<p>element DelayEventReport</p>
<p>annotation</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"> </pre>

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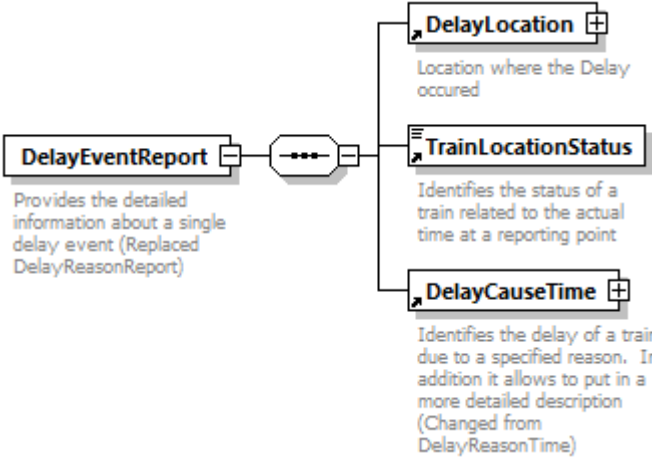
element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>DelayLocation TrainLocationStatus DelayCauseTime</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:sequence> </xs:complexType> </xs:element> </pre>

element **DelayLocation**

diagram	<p>The diagram illustrates the structure of the DelayLocation element. It is a complex type containing a LocationIdent complex type. LocationIdent is further composed of four sub-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/3.0
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	<p>The diagram shows the DelayMinutes element, which identifies the delay (in minutes) of a train for a specified cause.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> <xs:documentation>Identifieis the delay (in minutes) of a train for a</pre>									

	specified <code></xs:annotation></code> <code></xs:element></code>	cause <code></xs:documentation></code>
--	--------------------------------------------------------------------------------------	----------------------------------------------

element **DeliveryAtDestination**

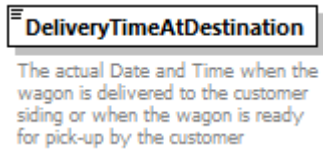
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
properties	content complex	
children	Destination DeliveryTimeAtDestination	
used by	element WagonDeliveryNoticeMessage	
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer	
source	<pre> <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**

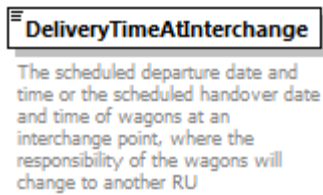
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0										
type	restriction of xs:string										
properties	content simple										
used by	elements ITU Details Wagons/WagonDetails										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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> <xs:restriction base="xs:string"> </pre>										

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

element **DeliveryTimeAtDestination**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
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		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
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 responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element> </pre>	

`</xs:element>`

element **DepartureInterchangeReport**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location DepartureTimeAtLocation TrainID</p>
<p>used by</p>	<p>element WagonETI ETA Message</p>
<p>annotation</p>	<p>documentation Departure or interchange station ETI Origin</p>
<p>source</p>	<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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>The diagram shows the DepartureTrackAtLocation element as a complex type derived from the LocationIdent base type. The LocationIdent type is highlighted in yellow and 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). The DepartureTrackAtLocation element is described as: "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>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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/3.0</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/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LengthCode Length Width Height</p>


used by	element 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**

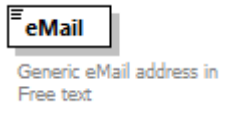
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:int									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>10</td> <td></td> </tr> <tr> <td>totalDigits</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"> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

	<pre> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **DwellTime**

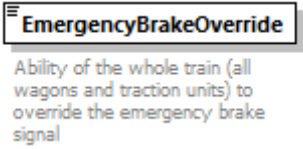
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>fractionDigits</td> <td>1</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**

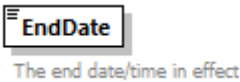
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</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"> <xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element> </pre>									

	<pre></xs:annotation> </xs:element></pre>
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element **EmergencyBrakeOverride**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
type	xs:date
properties	content simple
used by	complexType ValidityPeriod
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/3.0

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/3.0
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/3.0</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 business 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:pattern value="\d"/>
          </xs:restriction>
        </xs:simpleType>

```

	<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>
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element **ErrorMessage/ErrorMessageReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

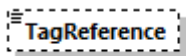
diagram	
namespace	<code>http://www.era.europa.eu/schemes/TAFTSI/3.0</code>
properties	minOcc 1 maxOcc unbounded content complex
children	TagReference TypeOfError Severity ErrorCode FreeTextField
source	<pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" 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>


```

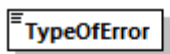
</xs:element>
<xs:element name="TypeOfError">
  <xs:annotation>
    <xs:documentation>It is an enumerated type to indicate if the error
was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a
system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <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:pattern value="\d"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="FreeTextField"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **ErrorMessage/Error/TagReference**

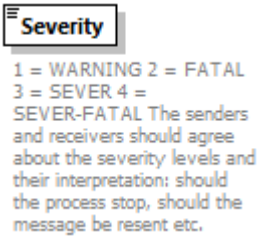
diagram	 <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression 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**

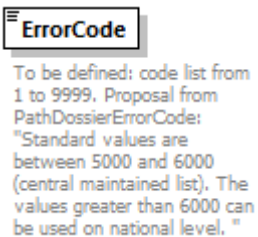
diagram	 <p>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of xs:integer												
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"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

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

element **ErrorMessage/Error/Severity**

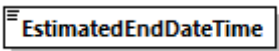
diagram	 <p>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
type	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**

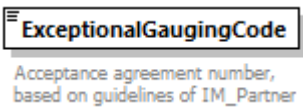
diagram	 <p>To be defined: code list from 1 to 9999, Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</p>
---------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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> <tr> <td>pattern</td> <td>\d</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999		pattern	\d	
Kind	Value	Annotation											
minInclusive	1												
maxInclusive	9999												
pattern	\d												
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:pattern value="\d"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **EstimatedEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EstimatedEndTime" type="xs:dateTime"/></pre>

element **ExceptionalGaugingCode**

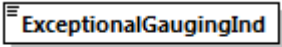
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	restriction of xs:string						
properties	content simple						
used by	element ExceptionalGaugingIdent						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	
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" value="1"/> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

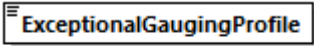
element **ExceptionalGaugingIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

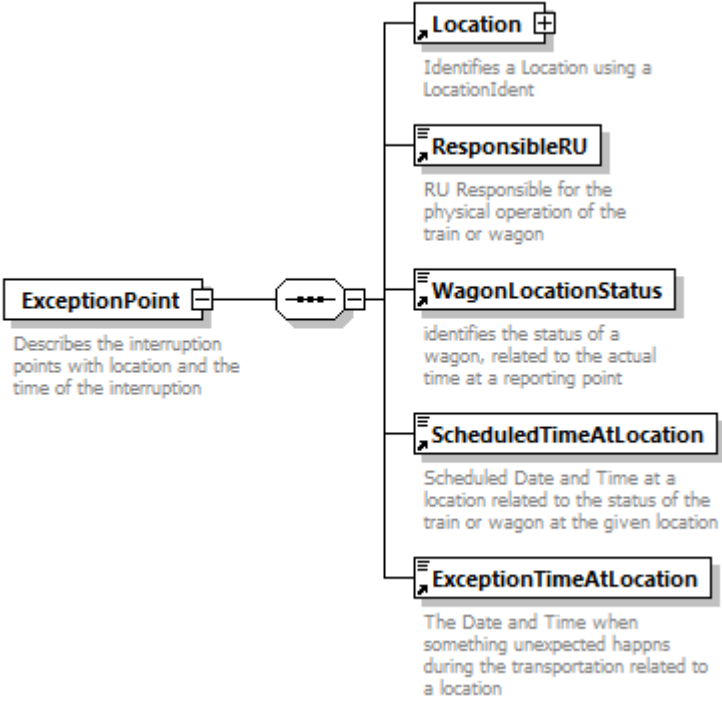
element **ExceptionalGaugingInd**

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/3.0
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/3.0									
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/3.0</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/3.0</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</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>

	<pre> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ExceptionReason/WagonInterruptionReason**

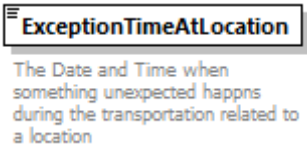
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of xs:token												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <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/3.0															
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>
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element **ExceptionTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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/3.0
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/3.0									
type	FreeText									
properties	content simple									
used by	elements AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage 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>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>									

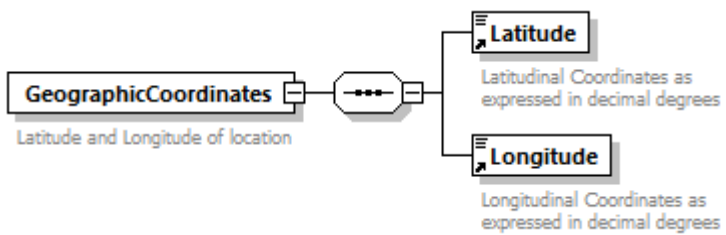
element **FreightFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

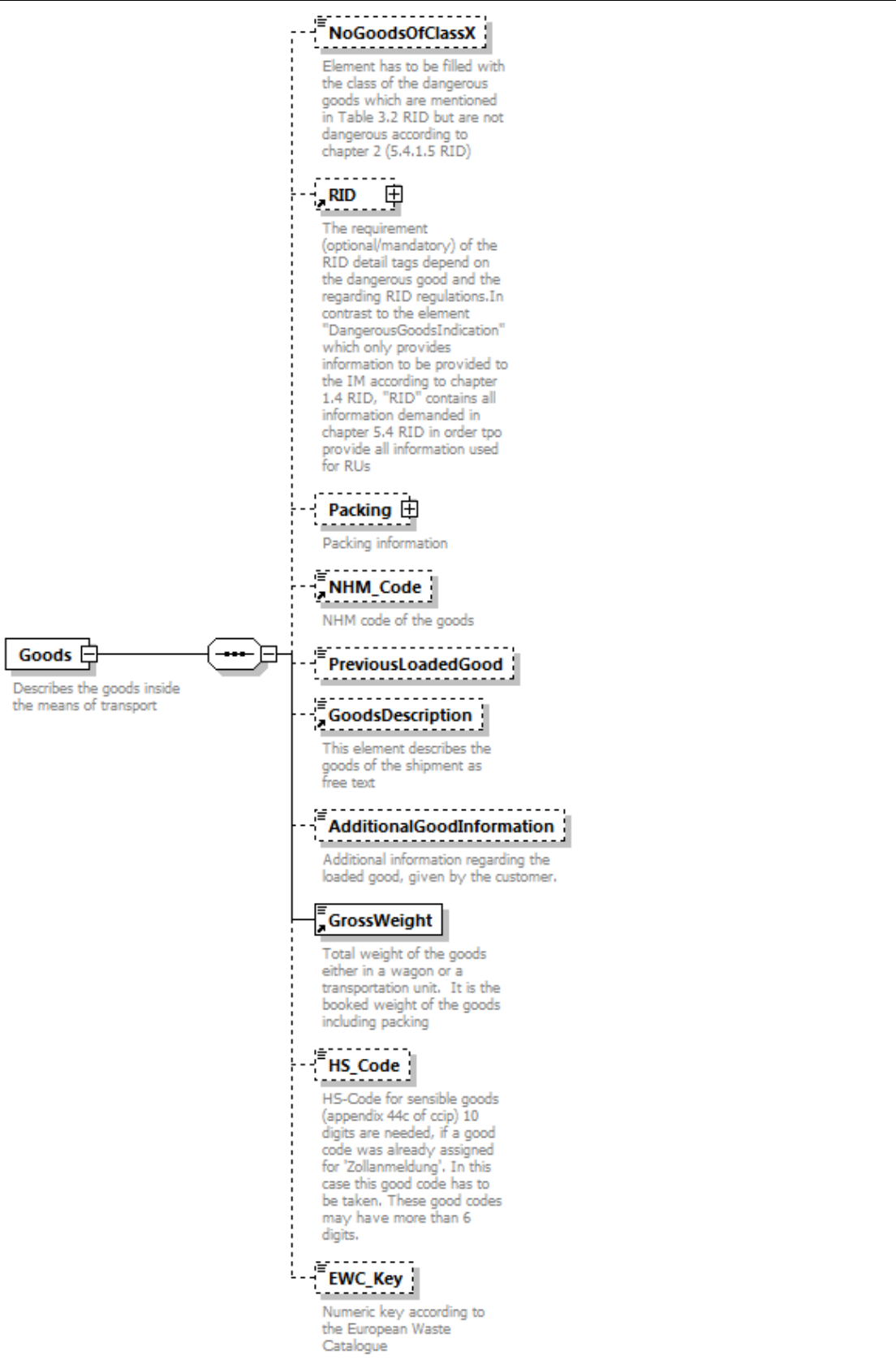
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leaflet 920-2
source	<pre><xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leaflet 920-2</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeographicCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex

children	Latitude Longitude
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation
annotation	documentation Latitude and Longitude of location
source	<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:element ref="Longitude"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Goods**

<p>diagram</p> 	<p>NoGoodsOfClassX 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> <p>RID 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</p> <p>Packing Packing information</p> <p>NHM_Code NHM code of the goods</p> <p>PreviousLoadedGood</p> <p>GoodsDescription This element describes the goods of the shipment as free text</p> <p>AdditionalGoodInformation Additional information regarding the loaded good, given by the customer.</p> <p>GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</p> <p>HS_Code 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> <p>EWC_Key Numeric key according to the European Waste Catalogue</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>

children	NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key
used by	elements WIMO Dataset/ConsignmentLevelData ITU RollingRoadUnit Wagons
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 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:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

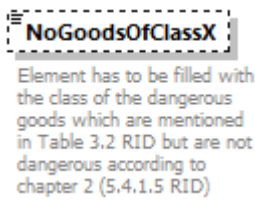
```

<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>
</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>
    <xs:restriction base="xs:string">
      <xs:minLength value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```


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

element **Goods/NoGoodsOfClassX**

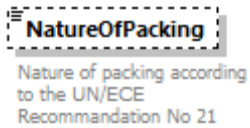
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</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**

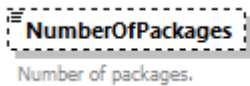
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p>NatureOfPacking NumberOfPackages PackageIdentification</p>
<p>annotation</p>	<p>documentation Packing information</p>
<p>source</p>	<pre> <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 than wagon load assignments.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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>
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element **Goods/Packing/NatureOfPacking**

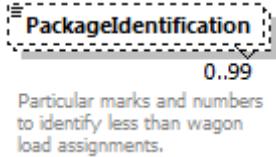
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </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 **Goods/Packing/NumberOfPackages**

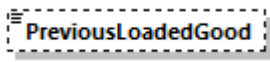
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:int

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/3.0
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/3.0
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	 Additional information regarding the loaded good, given by the customer.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0												
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>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> </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/3.0									
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>6</td> <td></td> </tr> </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/3.0									
type	FreeText									
properties	content simple									
used by	element Goods									
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									
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/3.0</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/3.0</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	<p>The diagram shows a dashed box labeled 'GoodsInContainer' with a cardinality of '0..99'. Inside this box, there is a sequence of two elements: 'NHM_Code' and 'GrossWeight'. 'NHM_Code' is described as 'NHM code of the goods'. 'GrossWeight' is described as 'Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	<p>The diagram shows a box labeled 'GrossWeight' with the description: 'Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	WeightValueKilo
properties	content simple
used by	elements Goods GoodsInWagon/GoodsInContainer 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

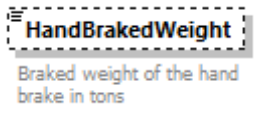
source	<pre> <xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing </xs:documentation> </xs:annotation> </xs:element> </pre>
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element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

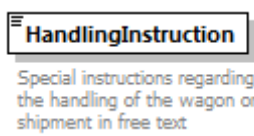
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element RollingStockDataset/DesignDataSet
source	<pre> <xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <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> </pre>

	<code></xs:element></code>
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element **HandBrake/HandBrakedWeight**

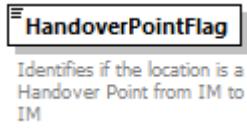
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Braked weight of the hand brake in tons
source	<pre><xs:element name="HandBrakedWeight" 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**

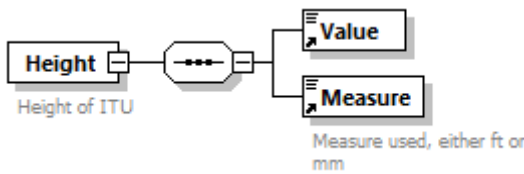
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	FreeText
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text
source	<pre><xs:element name="HandlingInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation> </xs:annotation></pre>

	<code></xs:element></code>
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element HandoverPointFlag

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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**

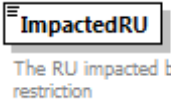
diagram	 <p>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<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 (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>									

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:element ref="RelatedPlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="ReasonOfReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **IM_Partner**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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/3.0												
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>

element **IntermediateDestination**


diagram	<p>The diagram shows the IntermediateDestination class (description: "A location on the route of a train") associated with the LocationIdent complex type. LocationIdent contains the following elements:</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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	<p>The diagram shows the InternalReferenceIdentifier class (description: "The link to the IM System Reference").</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	FreeText
properties	content simple

used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation TrainJourneyModificationMessage
facets	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/3.0
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/3.0
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></pre>

	<pre><xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------

element **InterruptionInformation**

diagram	<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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier
used by	element PathNotAvailableMessage
annotation	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.
source	<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>

	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **InterruptionPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	Location DetailedDescriptionOfLocation Interruption InterruptionDuration Remarks
used by	element TrainRunningInterruptionMessage
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<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="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the </pre>

	<pre> 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> <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> </pre>
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element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre><xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/></pre>

element **InterruptionPoint/Interruption**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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> </pre>

	<pre> <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>
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element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

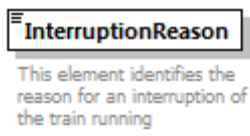
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple

annotation	documentation Forecasted latest time for end of interruption
source	<pre><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></pre>

element **InterruptionReason**

diagram																																																																																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																																																																																							
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></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>39</td><td></td></tr> <tr><td>enumeration</td><td>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> <tr><td>enumeration</td><td>51</td><td></td></tr> <tr><td>enumeration</td><td>52</td><td></td></tr> <tr><td>enumeration</td><td>53</td><td></td></tr> <tr><td>enumeration</td><td>54</td><td></td></tr> <tr><td>enumeration</td><td>58</td><td></td></tr> <tr><td>enumeration</td><td>59</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	28		enumeration	29		enumeration	31		enumeration	30		enumeration	32		enumeration	39		enumeration	40		enumeration	41		enumeration	50		enumeration	51		enumeration	52		enumeration	53		enumeration	54		enumeration	58		enumeration	59	
Kind	Value	Annotation																																																																																						
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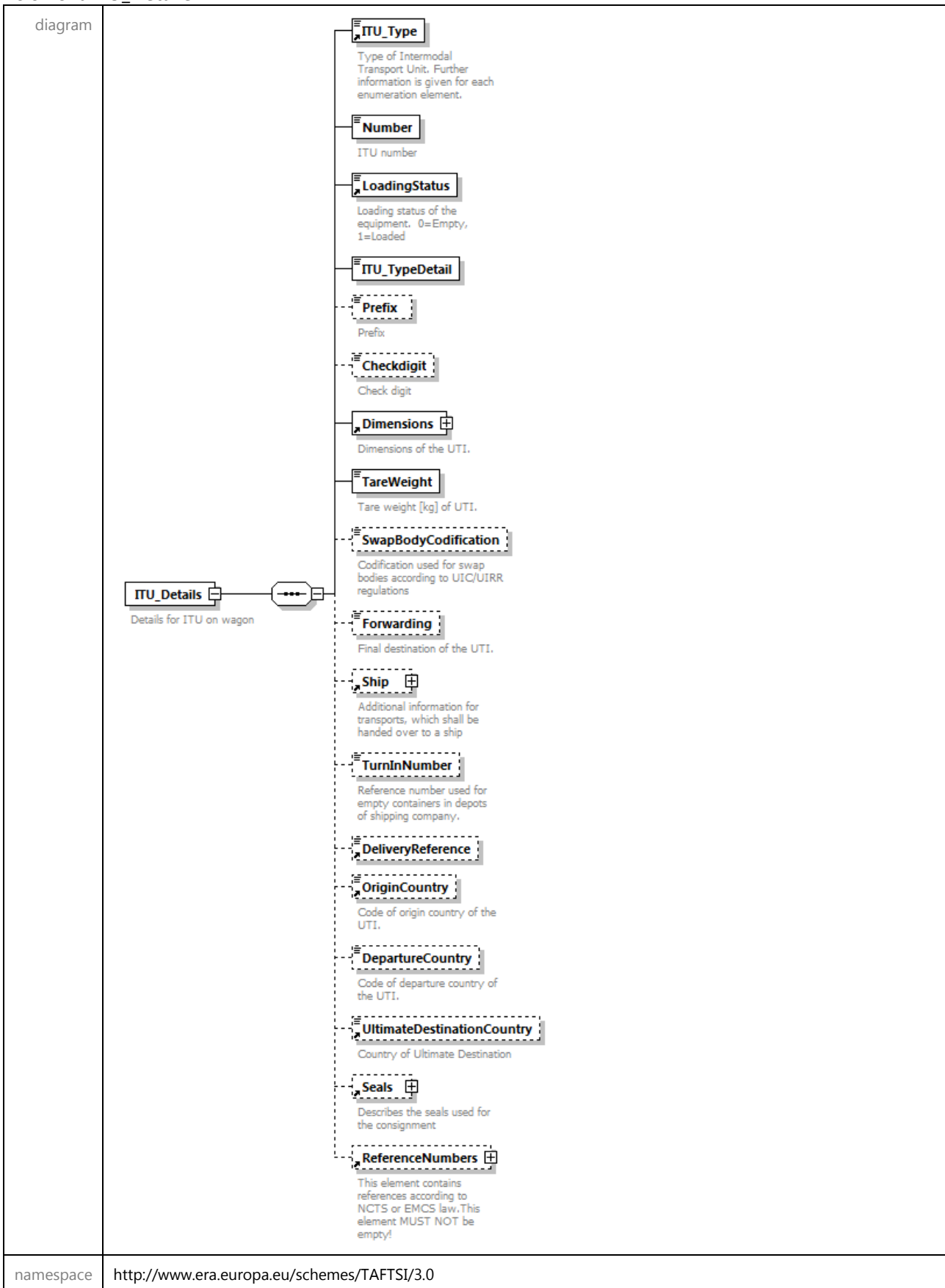
	<p>enumeration 60</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 64</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 94</p> <p>enumeration 95</p>
annotation	<p>documentation</p> <p>This element identifies the reason for an interruption of the train running</p>
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	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
properties	<p>content complex</p>

children	ITU Details Goods SummaryOFGoodsWithSameRID
used by	element Wagons
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> </xs:annotation> </xs:element> <xs:element ref="Goods" maxOccurs="99"/> <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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>

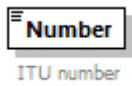
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        <xs:minLength value="1"/>
        <xs:maxLength value="5"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Check digit</xs:documentation>
    </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
        regulations</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>
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element **ITU_Details/Number**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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/3.0						
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/3.0									
type	restriction of xs:string									
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>									
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>5</td> <td></td> </tr> </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**

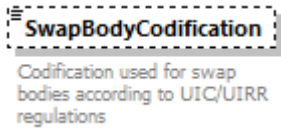
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<pre> <xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check 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**

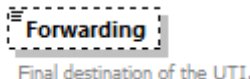
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	WeightValueKilo
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse

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/3.0
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/3.0
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 UTI.
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**

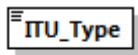
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Reference number used for empty containers in depots of shipping company.
source	<pre> <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 **ITU_Details/DepartureCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

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	 <p>Type of ITU. Further information is given for each enumeration element.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of EquipmentTypeType												
properties	content simple												
used by	element ITU_Details												
facets	<table border="0"> <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> <tr> <td>enumeration</td> <td>sw</td> <td>documentation swap body</td> </tr> <tr> <td>enumeration</td> <td>te</td> <td>documentation Trailer (RollingRoad)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	cn	documentation Container	enumeration	sw	documentation swap body	enumeration	te	documentation Trailer (RollingRoad)
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 base="EquipmentTypeType"/> </xs:element></pre>												

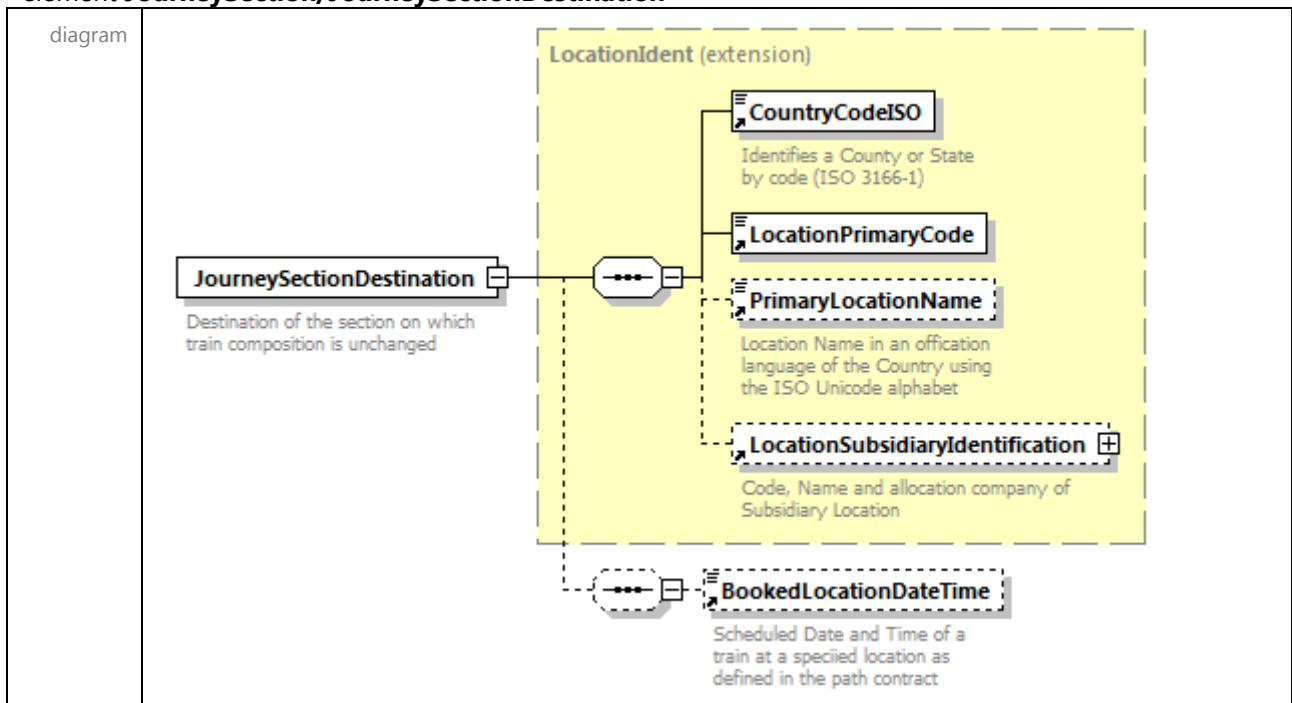
element **JourneySection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>JourneySectionDestination JourneySectionOrigin 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 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> <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> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        </xs:extension>
        </xs:complexContent>
        </xs:complexType>
    </xs:element>
    <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>
    
```

element **JourneySection/JourneySectionDestination**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
annotation	documentation Destination of the section on which train composition is unchanged
source	<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"> </pre>

	<pre> <xs:sequence <xs:element ref="BookedLocationDateTime" minOccurs="0"> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

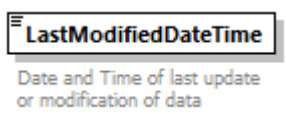
element **JourneySection/JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
annotation	documentation Origin of the section on which train composition is unchanged
source	<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 <xs:element ref="BookedLocationDateTime" minOccurs="0"> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

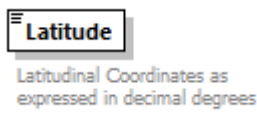
element **KeeperShortNameVKM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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>

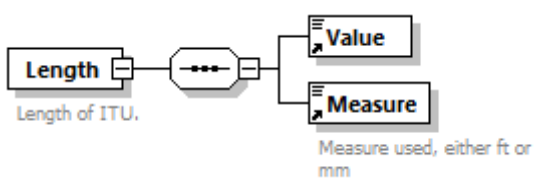
element **Latitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees
source	<pre><xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees</xs:documentation> </xs:annotation> </xs:element></pre>

element **LeadRU**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	CompanyCode												
properties	content simple												
used by	elements Customers 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/3.0

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	 <p>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.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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 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> </pre>									

element **LengthOverBuffers**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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/3.0									
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>									

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **LoadingCapacity**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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/3.0
properties	content complex
children	CustomerNumber AdministrativeContactInformation
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
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>
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element **LoadingStatus**

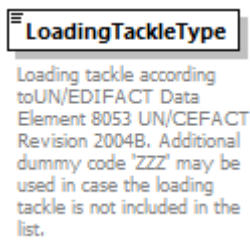
diagram	<p>Loading status of the equipment. 0=Empty, 1=Loaded</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	elements ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails 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>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription</p>
<p>used by</p>	<p>element 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> <xs:documentation>Description of loading tackle, which is not </pre>

	<pre> 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>
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element **LoadingTackles/LoadingTackleType**

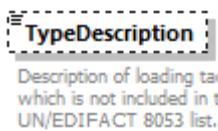
diagram	 <p>LoadingTackleType Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	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>TotalWeightLoadingTackles Total weight of the loading tackles (kg) of the specified type</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	WeightValueKilo						
properties	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> </table>	Kind	Value	Annotation	minInclusive	0	
Kind	Value	Annotation					
minInclusive	0						

	maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the loading tackles (kg) of the specified type
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/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.
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 class LocationIdent (highlighted in a yellow dashed box) which is a complex type. 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/3.0</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 ArrivalInterchangeReport ConsignmentOrderMessage/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 box for LocationActualTrack connected to a dashed box for LocationIdent. Inside LocationIdent, there are four sub-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/3.0
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 box for 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/3.0
type	xs:dateTime
properties	content simple
used by	elements 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>LocationFileDatasetMessage Used to Create, Modify or Update the LocationIdent Reference File</p> <ul style="list-style-type: none"> MessageHeader Used for all messages MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode <ul style="list-style-type: none"> LocationPrimaryInformation Required for Primary Location Add, Update, of a Location Primary Code LocationSubsidiaryInformation Required for Add, Update of a Location Subsidiary Code (modified to global element)
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>LocationModified This element shows the Location that has been changed for the train run</p> <p>Location Identifies a Location using a LocationId</p> <p>ModificationStatusIndicator This element shows if the location has been added or deleted in the modified train journey</p> <p>TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point</p> <p>BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>

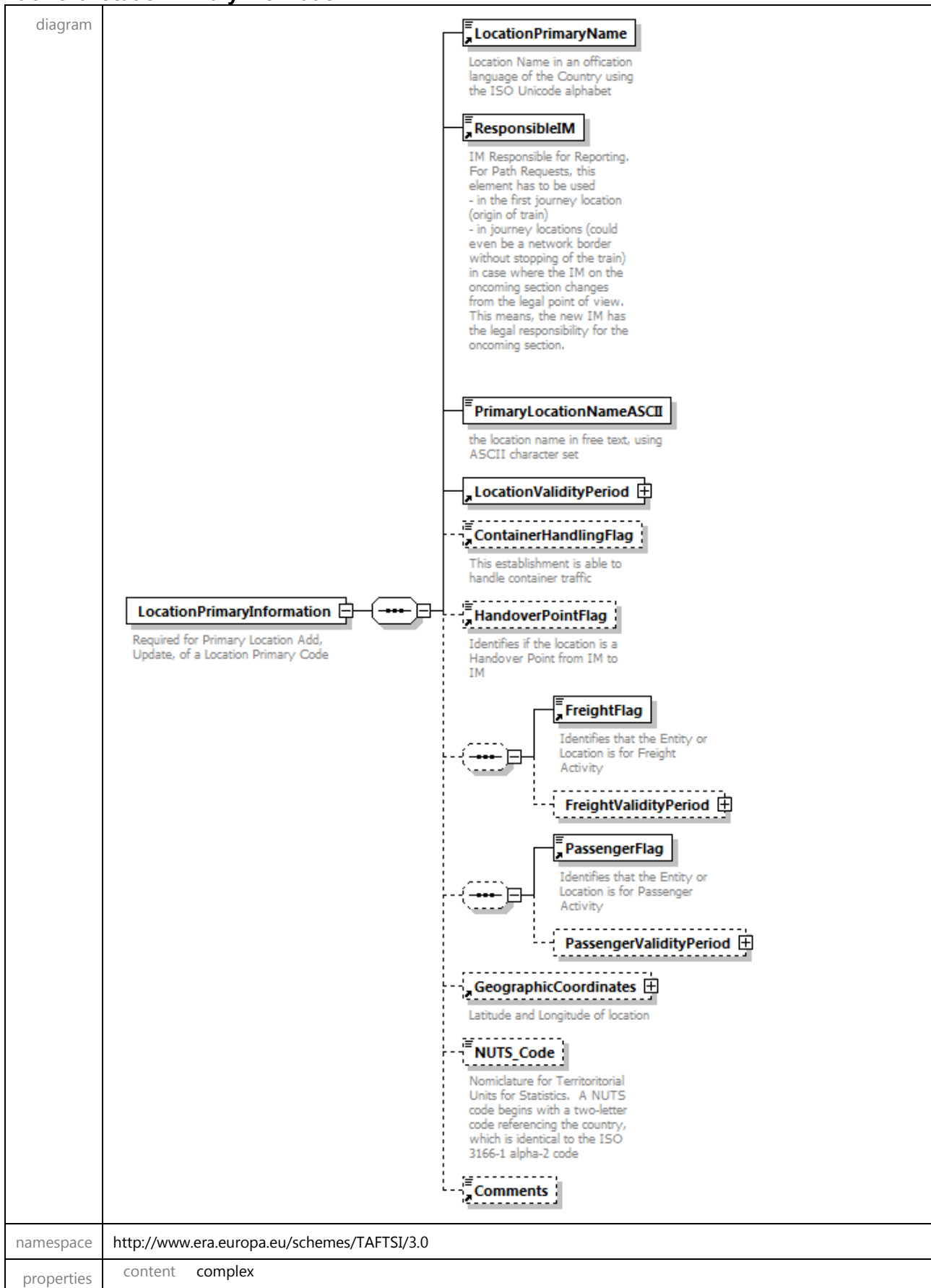
element **LocationPlannedTrack**

diagram	<p>The diagram shows the structure of the LocationPlannedTrack element. It is a complex content type that contains a LocationIdent element. The LocationIdent element is further detailed as follows:</p> <ul style="list-style-type: none"> CountryCodeISO: Identifies a Country or State by code (ISO 3166-1) LocationPrimaryCode: (Not explicitly described in the diagram) PrimaryLocationName: Location Name in an official language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0									
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**



children	<p>LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII LocationValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS Code Comments</p>
used by	<p>element LocationFileDatasetMessage</p>
annotation	<p>documentation Required for Primary Location Add, Update, of a Location Primary Code</p>
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="LocationValidityPeriod"/> <xs:element ref="ContainerHandlingFlag" minOccurs="0"/> <xs:element ref="HandoverPointFlag" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="FreightFlag"/> <xs:element name="FreightValidityPeriod" type="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:sequence minOccurs="0"> <xs:element ref="PassengerFlag"/> <xs:element name="PassengerValidityPeriod" type="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/3.0									
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/FreightValidityPeriod**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	ValidityPeriod						
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	StartDate EndDate						
source	<pre> <xs:element name="FreightValidityPeriod" type="ValidityPeriod" minOccurs="0"/> </pre>						

element **LocationPrimaryInformation/PassengerValidityPeriod**

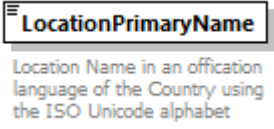
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	ValidityPeriod
properties	minOcc 0 maxOcc 1 content complex
children	StartDate EndDate
source	<code><xs:element name="PassengerValidityPeriod" type="ValidityPeriod" minOccurs="0"/></code>

element **LocationPrimaryInformation/NUTS_Code**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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> <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> </pre>

	<code></xs:element></code>
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element **LocationPrimaryName**

diagram	 <p>LocationPrimaryName Location Name in an offication language of the Country using the ISO Unicode alphabet</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

<p>diagram</p>	<div style="border: 1px solid black; padding: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> attributes </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> LocationSubsidiaryTypeCode </div> <p style="margin-left: 40px;">New codes added:</p> <p>42 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).</p> <p>43 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</p> <p>44 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</p> <p>45 Sewage dump Place for cleaning purposes - disposal of the waste</p> <p>46 Refuelling Point Location where refuelling takes place</p> <p>47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating</p> <p>48 Water Supply Location where water supply can be provided for the rolling stock</p> <p>49 Compressed plant Train on a track with motion stabled with external air supply for braking systems</p> <p>50 Indoor cleaning platform Cleaning point -interior</p> <p>51 Car-wash plant Cleaning point -outdoor</p> <p>52 Short dry-cleaning track Cleaning point</p> <p>53 Pollution protective plate Track where floor that avoids pollution of the earth below</p> <p>54 Sand-filling station Location where sand is filled</p> <p>55 Repair track Location where a train/wagon/engine can be repaired</p> <p>56 Signal box The location of a building containing signalling equipment</p> <p>58 OSJD system based location</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; width: fit-content;"> LocationSubsidiaryCode </div> <p style="margin-left: 20px;">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"</p>																		
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>																		
<p>type</p>	<p>extension of String1-10</p>																		
<p>properties</p>	<p>content complex</p>																		
<p>used by</p>	<p>elements LocationSubsidiaryIdentification LocationSubsidiaryInformation</p>																		
<p>facets</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Kind</th> <th style="width: 30%;">Value</th> <th style="width: 40%;">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																		
<p>attributes</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Name</th> <th style="width: 15%;">Type</th> <th style="width: 15%;">Use</th> <th style="width: 10%;">Default</th> <th style="width: 10%;">Fixed</th> <th style="width: 25%;">Annotation</th> </tr> </thead> <tbody> <tr> <td>LocationSubsidiaryTypeCode</td> <td>derived by: xs:token</td> <td>required</td> <td></td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: right;">New codes added:</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	LocationSubsidiaryTypeCode	derived by: xs:token	required			documentation						New codes added:
Name	Type	Use	Default	Fixed	Annotation														
LocationSubsidiaryTypeCode	derived by: xs:token	required			documentation														
					New codes added:														

	<p>42 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).</p> <p>43 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</p> <p>44 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</p> <p>45 Sewage dump Place for cleaning purposes - disposal of the waste</p> <p>46 Refuelling Point Location where refuelling takes place</p> <p>47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating</p> <p>48 Water Supply Location where water supply can be provided for the rolling stock</p> <p>49 Compressed plant Train on a track with motion stabled with external air supply for braking systems</p> <p>50 Indoor</p>
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	<p>cleaning platform Cleaning point -interior 51 Car-wash plant Cleaning point -outdoor 52 Short dry- cleaning track Cleaning point 53 Pollution protective plate Track where floor that avoids pollution of the earth below 54 Sand- filling station Location where sand is filled 55 Repair track Location where a train/wagon/engine can be repaired 56 Signal box The location of a building containing signalling equipment 58 OSJD system based location</p>
<p>annotation</p>	<p>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"</p>
<p>source</p>	<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>

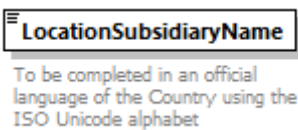
element **LocationSubsidiaryIdentification**

<p>diagram</p>	<p>The diagram shows the LocationSubsidiaryIdentification element as a complex type. It contains three child elements: LocationSubsidiaryCode, AllocationCompany, and LocationSubsidiaryName. The LocationSubsidiaryCode element is described as identifying a location as a part of a primary location (e.g., junction, signal, passing loop) and being unique when combined with a "LocationPrimaryCode". The AllocationCompany element is the name of the company responsible for allocation and maintenance. The LocationSubsidiaryName element is to be completed in an official language of the country using the ISO Unicode alphabet.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName</p>
<p>used by</p>	<p>complexType LocationIdent</p>
<p>annotation</p>	<p>documentation Code, Name and allocation company of Subsidiary Location</p>
<p>source</p>	<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>

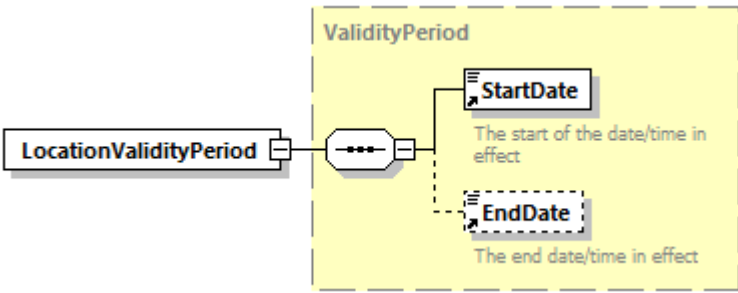
element **LocationSubsidiaryInformation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany LocationValidityPeriod Comments GeographicCoordinates</p>
<p>used by</p>	<p>element LocationFileDatasetMessage</p>
<p>annotation</p>	<p>documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)</p>
<p>source</p>	<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="LocationValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

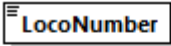
element **LocationSubsidiaryName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	FreeText									
properties	content simple									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
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									
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>									

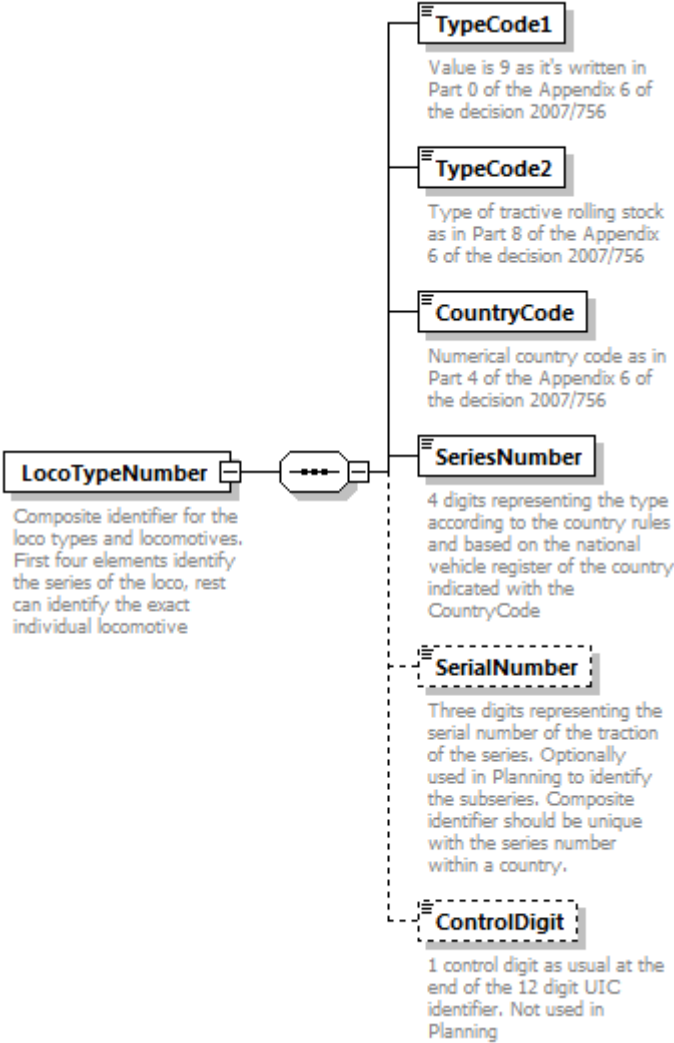
element **LocationValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	ValidityPeriod
properties	content complex
children	StartDate EndDate
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation
source	<pre><xs:element name="LocationValidityPeriod" type="ValidityPeriod"/></pre>

element **LocoNumber**

diagram	 <p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	content simple									
used by	element TrainCompositionJourneySection/LocoIdent									
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	<p>documentation</p> <p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p>									
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"> <xs:maxLength value="12"/> <xs:minLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **LocoTypeNumber**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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/Locoident 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: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:element> </xs:sequence> </xs:complexType> </xs:element></pre>

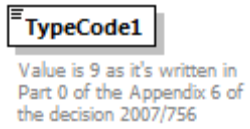

```

<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

```


	<pre> 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> </pre>
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element **LocoTypeNumber/TypeCode1**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
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>[9]</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[9]	
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 </pre>															

	<pre> 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>
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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/3.0															
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	 <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p>
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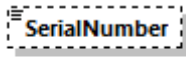
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
type	restriction of xs:string															
properties	content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <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	 <p>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
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> </pre>															

	<pre> <xs:simpleType> <xs:restriction <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="4"/> value="replace"/> value="4"/> value="[0-9]{4}"/> </pre>
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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/3.0																
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>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:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																

element **LocoTypeNumber/ControlDigit**

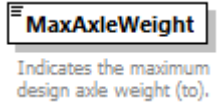
diagram	 <p>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees
source	<pre><xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees</xs:documentation> </xs:element></pre>

	<pre></xs:annotation> </xs:element></pre>
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element **MaxAxleWeight**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**

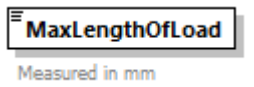
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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 </xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre>(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>
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element **MaxGrossWeight**

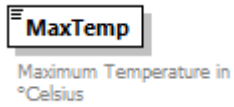
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	WeightValueKilo												
properties	content simple												
used by	element RollingStockDataset/DesignDataSet												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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"></pre>									

	<pre> <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>
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element **MaxTemp**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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/3.0						
type	restriction of xs:token						
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>enumeration</td> <td>ft</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ft	
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>

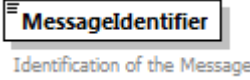
element **MessageDateTimeCreated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0</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**

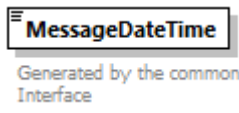
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	FreeText									
properties	content simple									
used by	element MessageReference									
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</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>									

element **MessageReference**

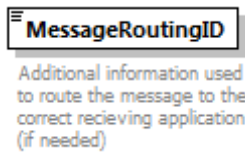
<p>diagram</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>MessageReference This element identifies the message</p> </div> <div style="width: 65%;"> <pre> Message Type To indicate the message type transmitted or referred to. The following list was agreed 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 -- 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 RollingStockData... </pre> </div> </div> <div style="margin-top: 10px;"> <p>Message Type Version Version of the Message Type</p> <p>Message Identifier Identification of the Message</p> <p>Message DateTime Generated by the common Interface</p> </div>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

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/3.0
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/3.0
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_ETA_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 RollingStockData...</p> </div>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

type	restriction of xs:string																																																																																																																																																																														
properties	content	simple																																																																																																																																																																													
used by	element	MessageReference																																																																																																																																																																													
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	minLength	1																																																																																																																																																																													
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annotation	<p>documentation</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <table border="0"> <tr> <td>1000</td> <td></td> <td></td> <td>ConsignmentOrderMessage</td> </tr> <tr> <td>2001</td> <td></td> <td></td> <td>PathCanceledMessage</td> </tr> <tr> <td>2002</td> <td></td> <td></td> <td>PathConfirmedMessage</td> </tr> <tr> <td>2003</td> <td></td> <td></td> <td>PathDetailsMessage</td> </tr> <tr> <td>2004</td> <td></td> <td></td> <td>PathDetailsRefusedMessage</td> </tr> <tr> <td>2005</td> <td></td> <td></td> <td>PathNotAvailableMessage</td> </tr> <tr> <td>2006</td> <td></td> <td></td> <td>PathRequestMessage</td> </tr> <tr> <td>2007</td> <td></td> <td></td> <td>ReceiptConfirmationMessage</td> </tr> <tr> <td>--</td> <td>sector</td> <td>messages</td> <td>(Planning) --</td> </tr> <tr> <td>2500</td> <td></td> <td></td> <td>PathCoordinationMessage</td> </tr> <tr> <td>2501</td> <td></td> <td></td> <td>PathSectionNotificationMessage</td> </tr> <tr> <td>--</td> <td>sector</td> <td>message</td> <td>end --</td> </tr> <tr> <td>3003</td> <td></td> <td></td> <td>TrainCompositionMessage</td> </tr> <tr> <td>3006</td> <td></td> <td></td> <td>TrainReadyMessage</td> </tr> <tr> <td>4001</td> <td></td> <td></td> <td>TrainDelayCauseMessage</td> </tr> <tr> <td>4004</td> <td></td> <td></td> <td>TrainRunningForecastMessage</td> </tr> <tr> <td>4005</td> <td></td> <td></td> <td>TrainRunningInformationMessage</td> </tr> <tr> <td>4006</td> <td></td> <td></td> <td>TrainRunningInterruptionMessage</td> </tr> <tr> <td>--</td> <td>sector</td> <td>message</td> <td>(Operations) --</td> </tr> <tr> <td>4500</td> <td></td> <td></td> <td>PassengerTrainCompositionProcessMessage</td> </tr> <tr> <td>4501</td> <td></td> <td></td> <td>RollingStockRestrictionMessage</td> </tr> <tr> <td>4504</td> <td></td> <td></td> <td>ChangeOfTrackMessage</td> </tr> <tr> <td>4505</td> <td></td> <td></td> <td>TrainJourneyModificationMessage</td> </tr> <tr> <td>--</td> <td>sector</td> <td>message</td> <td>end --</td> </tr> <tr> <td>5001</td> <td></td> <td></td> <td>AlertMessage</td> </tr> <tr> <td>5002</td> <td></td> <td></td> <td>WagonArrivalNoticeMessage</td> </tr> <tr> <td>5003</td> <td></td> <td></td> <td>WagonDeliveryNoticeMessage</td> </tr> <tr> <td>5004</td> <td></td> <td></td> <td>WagonDepartureNoticeMessage</td> </tr> <tr> <td>5006</td> <td></td> <td></td> <td>WagonETI_ETA_Message</td> </tr> <tr> <td>5007</td> <td></td> <td></td> <td>WagonExceptionMessage</td> </tr> <tr> <td>5008</td> <td></td> <td></td> <td>WagonExceptionReasonMessage</td> </tr> <tr> <td>--</td> <td>sector</td> <td>message</td> <td>(Wagon interchange) --</td> </tr> <tr> <td>5009</td> <td></td> <td></td> <td>WagonInterchangeNoticeMessage</td> </tr> <tr> <td>5012</td> <td></td> <td></td> <td>WagonReceivedAtInterchangeMessage</td> </tr> <tr> <td>5013</td> <td></td> <td></td> <td>WagonRefusedAtInterchangeMessage</td> </tr> <tr> <td>--</td> <td>sector</td> <td>message</td> <td>end --</td> </tr> <tr> <td>5014</td> <td></td> <td></td> <td>WagonReleaseNoticeMessage</td> </tr> <tr> <td>5015</td> <td></td> <td></td> <td>WagonYardArrivalMessage</td> </tr> <tr> <td>5016</td> <td></td> <td></td> <td>WagonYardDepartureMessage</td> </tr> <tr> <td>6002</td> <td></td> <td></td> <td>LocationFileDatasetMessage</td> </tr> <tr> <td>6003</td> <td></td> <td></td> <td>RollingStockDatasetMessage</td> </tr> <tr> <td>--sector</td> <td></td> <td>(RU-RU)</td> <td>---</td> </tr> <tr> <td>5500</td> <td></td> <td></td> <td>WagonPerformanceMessage</td> </tr> </table>			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	--	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
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5004			WagonDepartureNoticeMessage																																																																																																																																																																												
5006			WagonETI_ETA_Message																																																																																																																																																																												
5007			WagonExceptionMessage																																																																																																																																																																												
5008			WagonExceptionReasonMessage																																																																																																																																																																												
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5009			WagonInterchangeNoticeMessage																																																																																																																																																																												
5012			WagonReceivedAtInterchangeMessage																																																																																																																																																																												
5013			WagonRefusedAtInterchangeMessage																																																																																																																																																																												
--	sector	message	end --																																																																																																																																																																												
5014			WagonReleaseNoticeMessage																																																																																																																																																																												
5015			WagonYardArrivalMessage																																																																																																																																																																												
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--sector		(RU-RU)	---																																																																																																																																																																												
5500			WagonPerformanceMessage																																																																																																																																																																												

	<pre> -- -- 6004 -- 8500 8501 -- 9000 </pre>	<pre> sector sector sector sector </pre>	<pre> end--- RollingStockDatasetQueryMessage (TrainID) begin UdateLinkMessage ObjectInfoMessage end ErrorMessage </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 -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage </pre>		

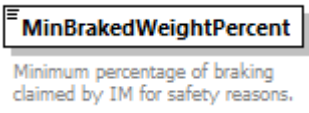
5013			WagonRefusedAtInterchangeMessage
--	sector	message	end
5014			WagonReleaseNoticeMessage
5015			WagonYardArrivalMessage
5016			WagonYardDepartureMessage
6002			LocationFileDatasetMessage
6003			RollingStockDatasetMessage
--sector		(RU-RU)	---
5500			WagonPerformanceMessage
--		sector	end---
6004			RollingStockDatasetQueryMessage
--	sector	(TrainID)	begin
8500			UdateLinkMessage
8501			ObjectInfoMessage
--		sector	end
9000			ErrorMessage
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			</xs:annotation>
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			<xs:maxLength value="4"/>
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			</xs:simpleType>
			</xs:element>

element **MessageTypeVersion**

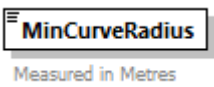
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	restriction of xs:string						
properties	content simple						
used by	element MessageReference						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </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></pre>						

	<pre> <xs:restriction base="xs:string" <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **MinBrakedWeightPercent**

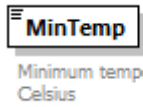
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </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**

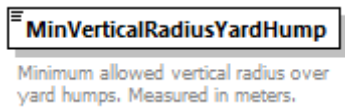
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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"> </pre>									

	<pre> <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>
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element **MinTemp**

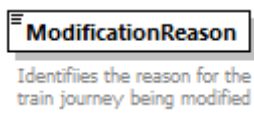
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
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> </tbody> </table>	Kind	Value	Annotation	minInclusive	1	
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/3.0																																																																					
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></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>39</td><td></td></tr> <tr><td>enumeration</td><td>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	28		enumeration	29		enumeration	31		enumeration	30		enumeration	32		enumeration	39		enumeration	40		enumeration	41		enumeration	50	
Kind	Value	Annotation																																																																				
enumeration	11																																																																					
enumeration	10																																																																					
enumeration	12																																																																					
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	<p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p> <p>enumeration 58</p> <p>enumeration 59</p> <p>enumeration 60</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 64</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 94</p> <p>enumeration 95</p>
annotation	<p>documentation</p> <p>Identifies the reason for the train journey being modified</p>
source	<pre><xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifiies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element></pre>

element **ModificationStatusIndicator**

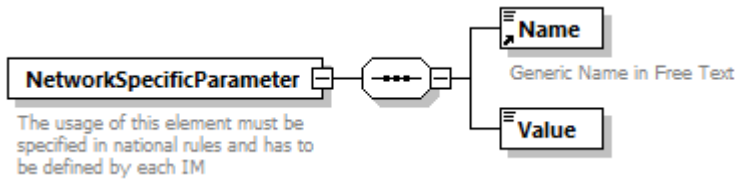
diagram							
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>						
type	<p>restriction of xs:integer</p>						
properties	<p>content simple</p>						
used by	<p>element LocationModified</p>						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

	maxInclusive 99
annotation	documentation This elemnt 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 elemnt 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/3.0
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation Customer 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 **NetworkSpecificParameter**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

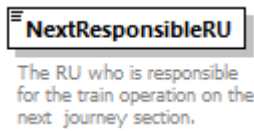
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	FreeText									
properties	content simple									
used by	elements Height Length Width									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</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	<pre><xs:element name="Value" type="FreeText"/></pre>									

element **NextIntermediateDestination**

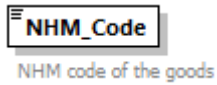
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Identifies next stopping point on the route of a train
source	<pre> <xs:element name="NextIntermediateDestination"> <xs:annotation> <xs:documentation>Identifies next stopping point on the route of a </pre>

	<pre> train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **NextResponsibleRU**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	CompanyCode												
properties	content simple												
used by	elements WIMO Dataset/ConsignmentLevelData ConsignmentOrderMessage/COMS/COM/DeliveryPoint												
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 the next journey section.</xs:documentation> </xs:annotation> </xs:element> </pre>												

element **NHM_Code**

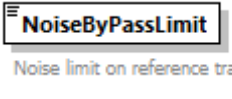
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	NHMCodeType									
properties	content simple									
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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"> </pre>									

	<pre> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element> </pre>
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element **Noise**

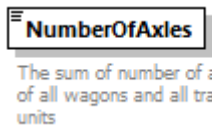
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <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> </xs:element> </pre>									

element **NoiseByPassLimit**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> </pre>									

	<pre> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **NumberOfAxles**

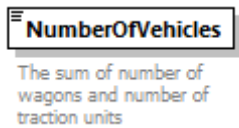
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningTechData									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <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**

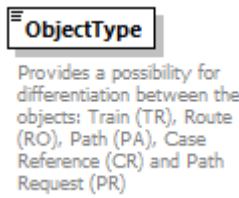
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </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	<pre> <xs:element name="NumberOfBogies"> <xs:simpleType> </pre>									

	<pre> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:int"> value="1"/> value="9"/> </pre>
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element **NumberOfVehicles**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:integer		
properties	content simple		
used by	element	TrainRunningTechData	
facets	Kind	Value	Annotation
	minInclusive	0000	
	maxInclusive	9999	
annotation	documentation The sum of number of wagons and number of traction units		
source	<pre> <xs:element <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>		
			name="NumberOfVehicles">
			base="xs:integer">
			value="0000"/>
			value="9999"/>

element **ObjectType**

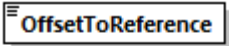
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:string		
properties	content simple		
used by	complexType	CompositIdentifierOperationalType CompositIdentifierPlannedType	
facets	Kind	Value	Annotation

	minLength 2 maxLength 2 pattern [0-9A-Z]{2} enumeration TR enumeration RO enumeration PA enumeration CR enumeration PR
annotation	documentation Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)
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) and Path Request (PR)</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:enumeration value="TR"/> <xs:enumeration value="RO"/> <xs:enumeration value="PA"/> <xs:enumeration value="CR"/> <xs:enumeration value="PR"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

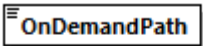
element **Offset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing
source	<pre><xs:element name="Offset" type="xs:integer"/></pre>

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/3.0
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**

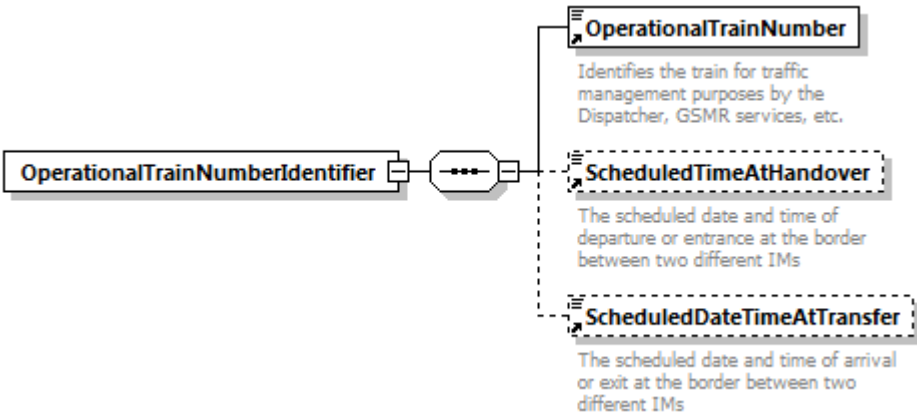
diagram	 <p>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:boolean
properties	content simple
used by	element PlannedJourneyLocation
annotation	documentation For the use 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>
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element **OperationalTrainNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**

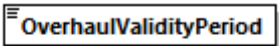
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements AffectedSection ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage 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>Code of origin country of the UTI.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of CountryIdentISO												
properties	content simple												
used by	elements 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"> <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	 <p>Validity period of last overhaul in years as marked on the wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:integer

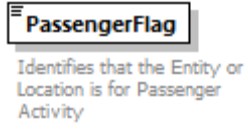
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxExclusive</td> <td>20</td> <td></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 </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**

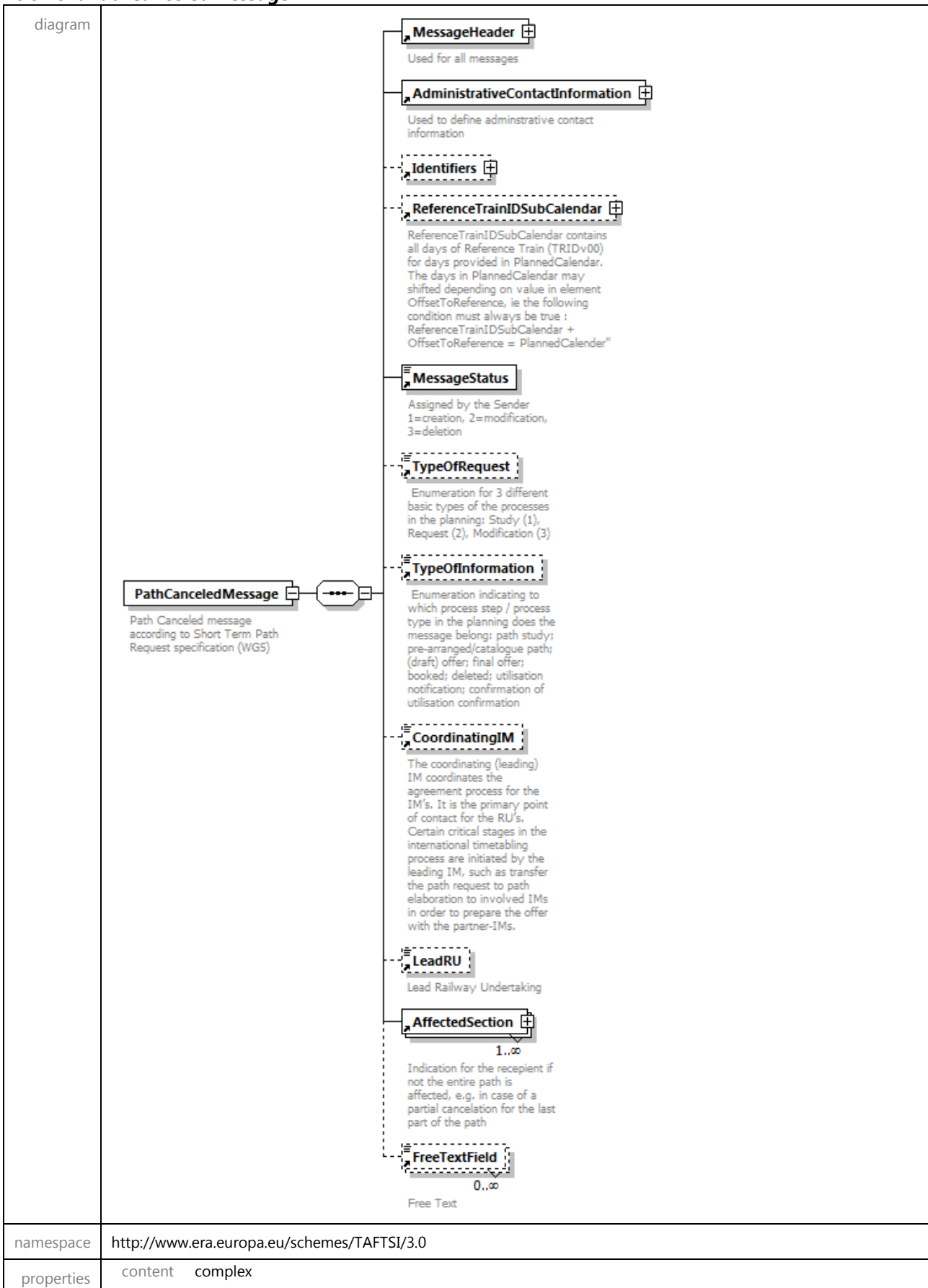
diagram	 <p>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:decimal									
properties	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>									

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

element **PassengerFlag**

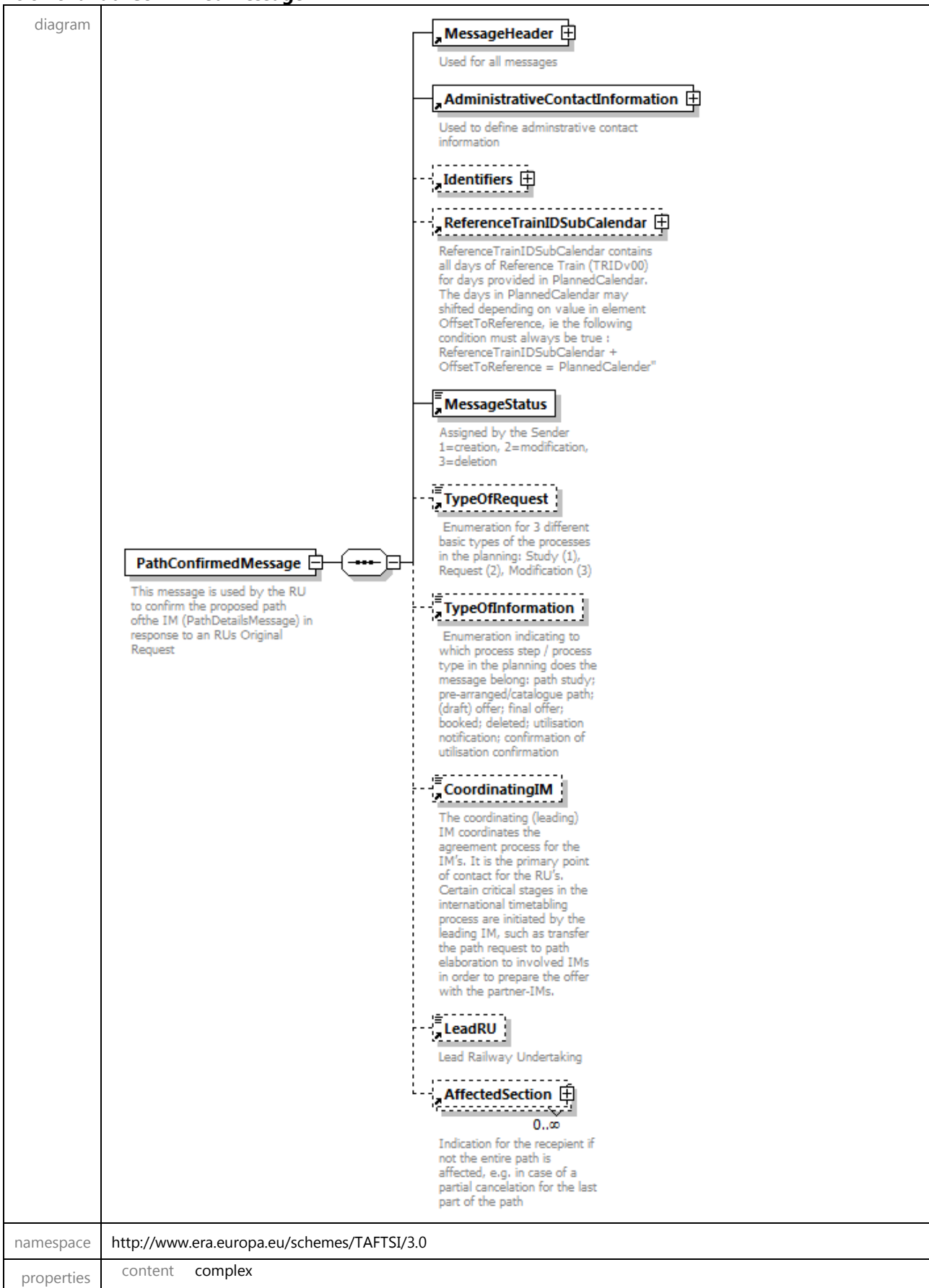
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre><xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element></pre>

element **PathCanceledMessage**



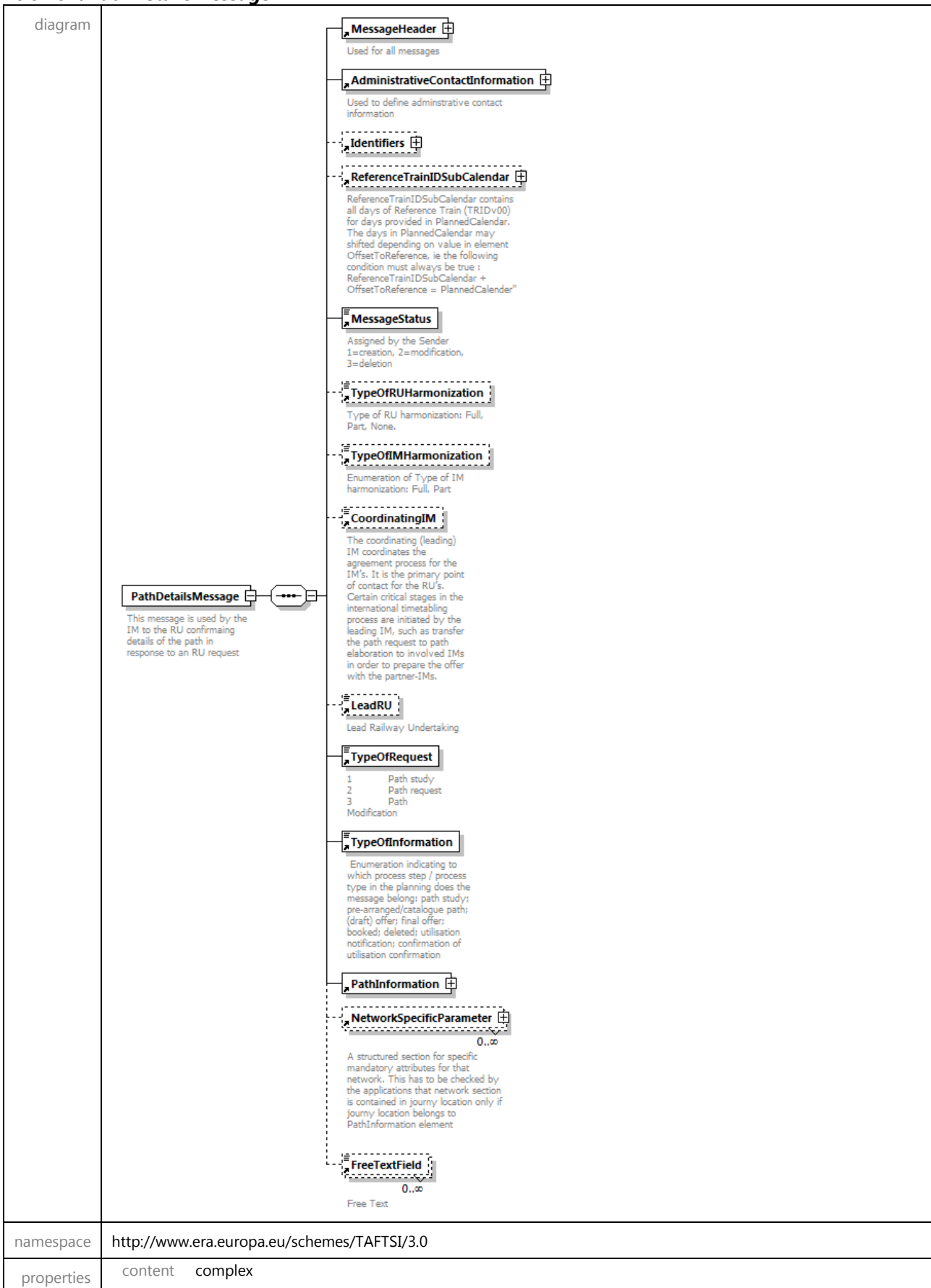
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<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="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**



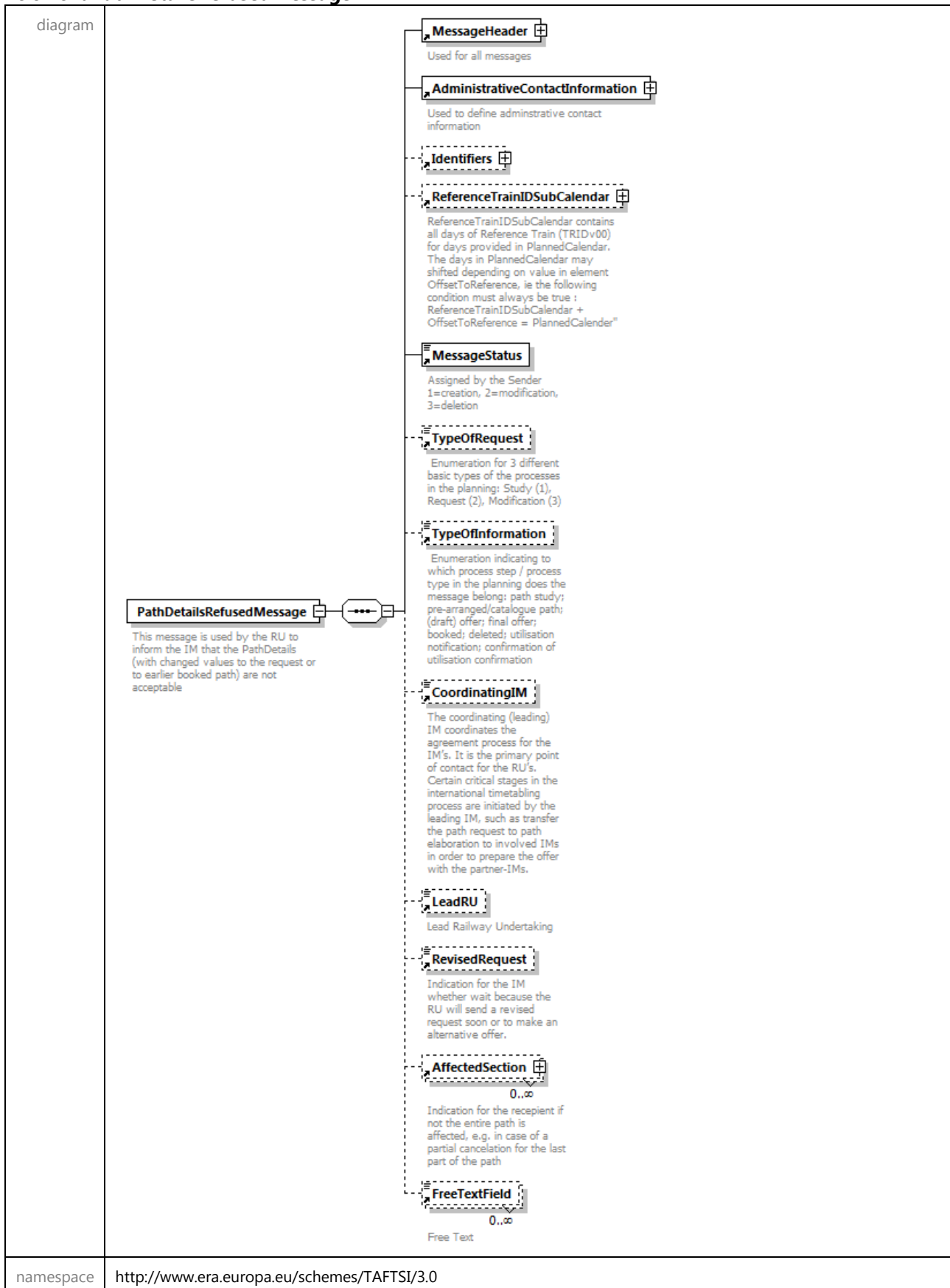
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	<p>documentation</p> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</p>
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="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**



children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	<p>documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request</p>
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:sequence> </xs:complexType> <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**



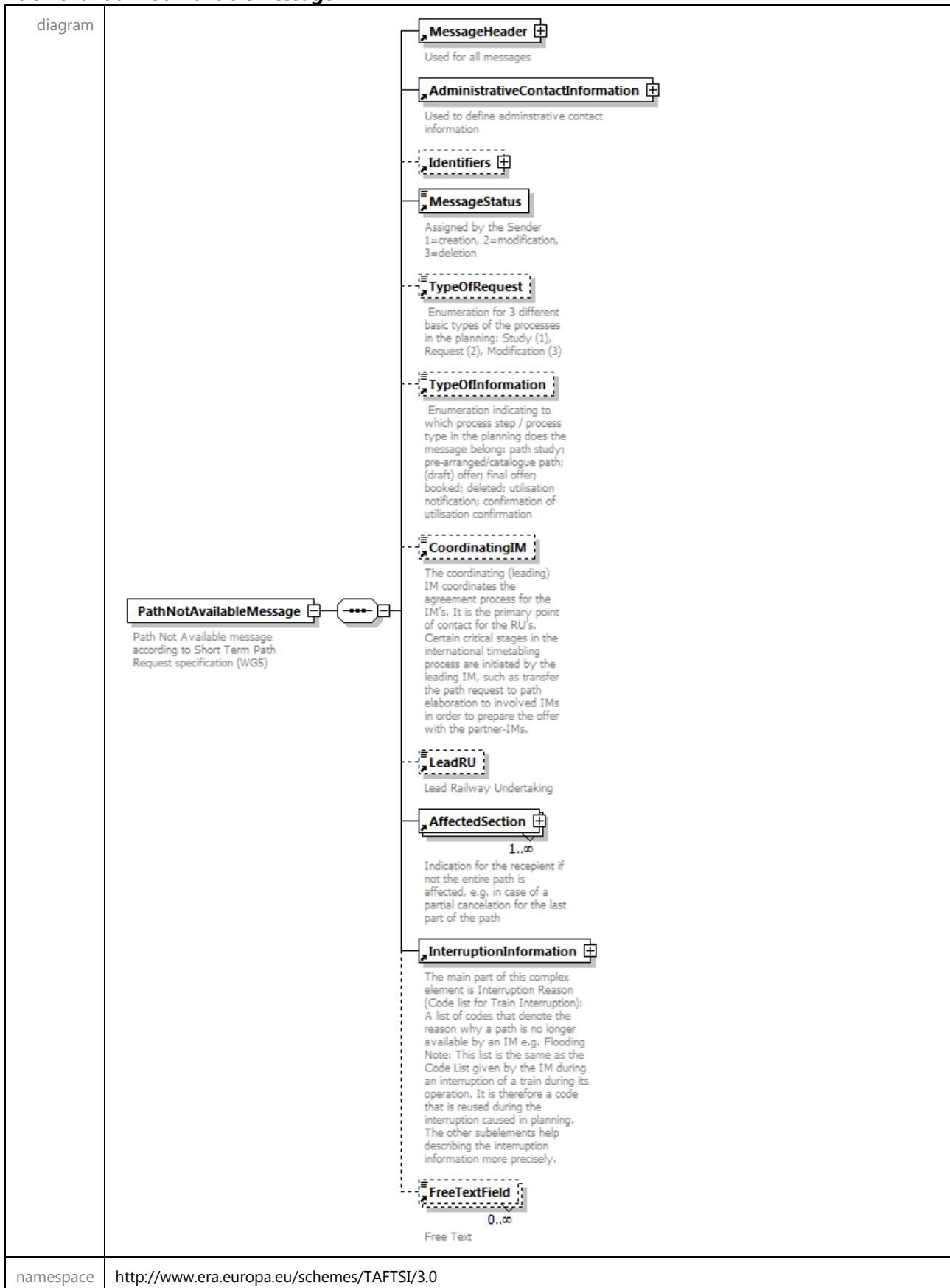
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField
annotation	documentation This message is used by the RU to inform 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 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="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 PlannedJourneyLocation class PlannedCalendar class RequestedCalendar PathInformation "1" *-- "2..∞" PlannedJourneyLocation PathInformation "1" *-- "1" PlannedCalendar PlannedCalendar "1" .. "1" RequestedCalendar </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar
used by	elements PathDetailsMessage PathRequestMessage
source	<pre> <xs:element name="PathInformation"> <xs:complexType> </pre>

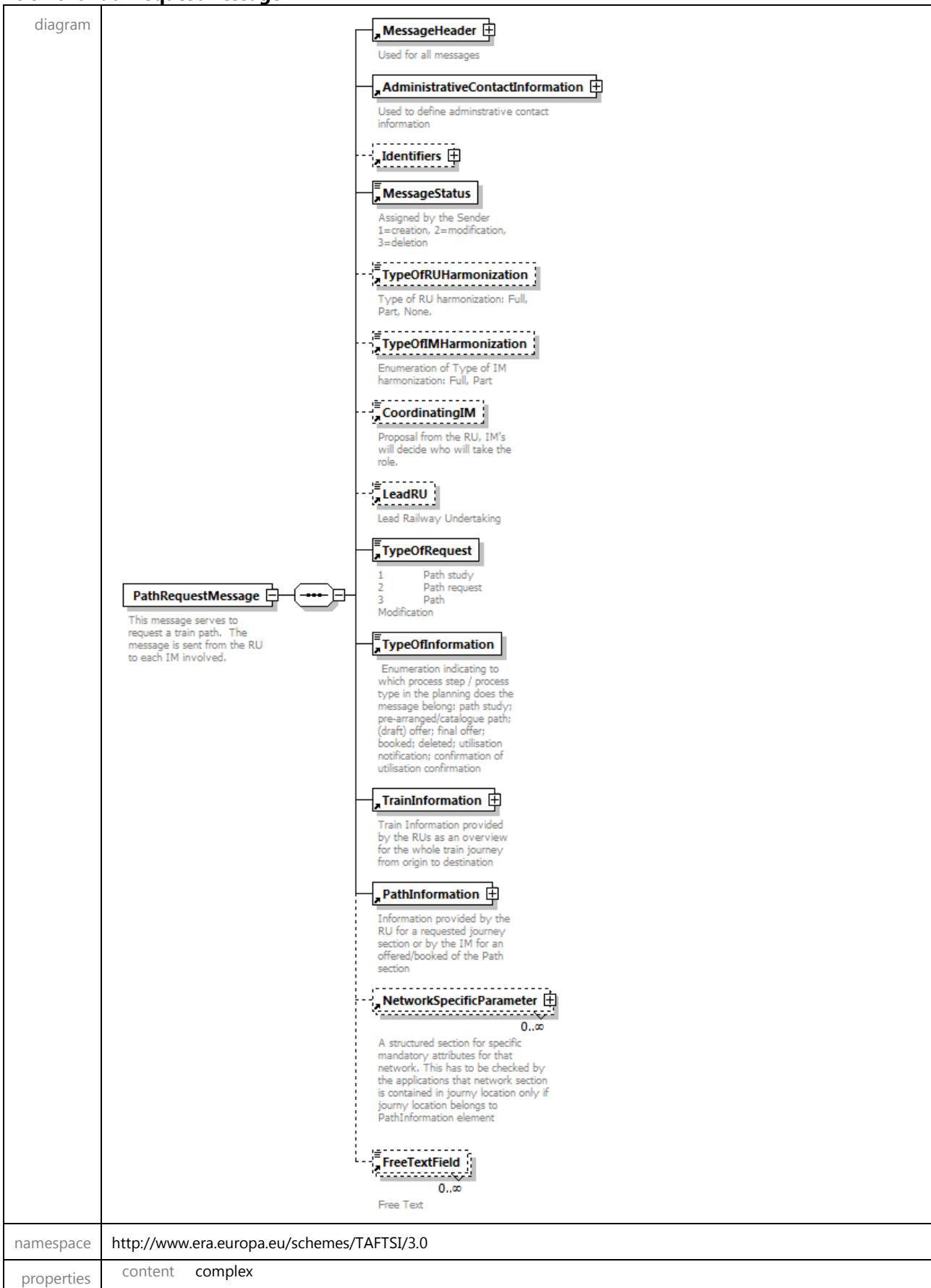
```
<xs:sequence>
  <xs:element          ref="PlannedJourneyLocation"          minOccurs="2"
maxOccurs="unbounded"/>
  <xs:element          ref="PlannedCalendar"/>
  <xs:element          ref="RequestedCalendar"          minOccurs="0">
    <xs:annotation>
      <xs:documentation>subset          of          the          requested
calendar</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **PathNotAvailableMessage**



properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest 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="MessageStatus"/> <xs:element ref="TypeOfRequest" 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**



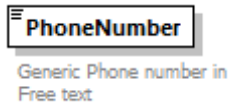
children	<p>MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField</p>
annotation	<p>documentation This message serves to request a train path. The message is sent from the RU to each IM involved.</p>
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="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:annotation> <xs:documentation>1 Path study request Modification</xs:documentation> </xs:annotation> </xs:element> <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 network section is contained in journey location only if journey location belongs to PathInformation element</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **PermittedTolerance**

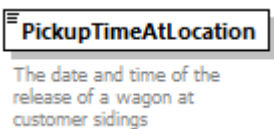
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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	documentation Permitted tolerance after date of overhaul (in months)									
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**

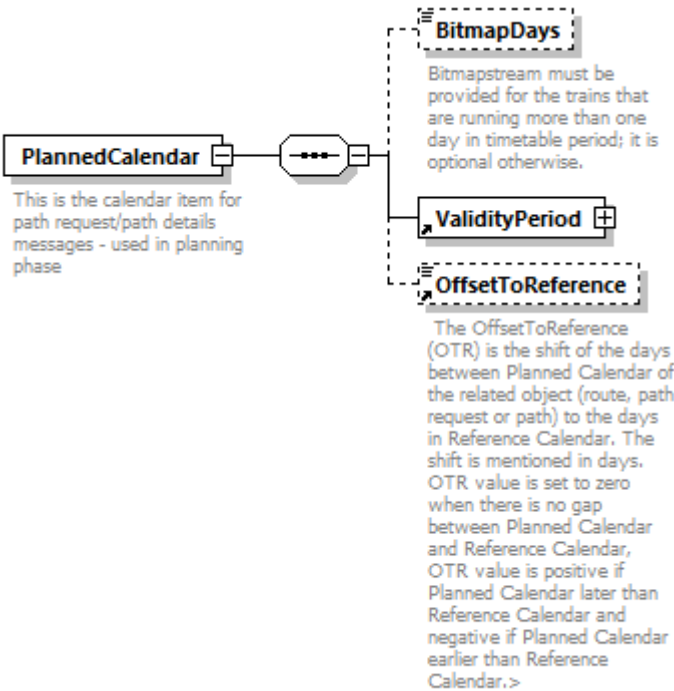
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	CommunicationRefID									
properties	content simple									
used by	element AdministrativeContactInformation									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>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 Phone number in Free text									

source	<pre><xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Phone number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>
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element **PickupTimeAtLocation**

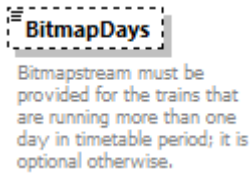
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex


children	BitmapDays ValidityPeriod OffsetToReference
used by	elements AffectedSection PathInformation TrainInformation
annotation	documentation This is the calendar item for path request/path details messages - used in planning phase
source	<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 name="BitmapDays" minOccurs="0"> <xs:annotation> <xs:documentation>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</xs:documentation> </xs:annotation> <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> <xs:element ref="ValidityPeriod"/> <xs:element ref="OffsetToReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedCalendar/BitmapDays**

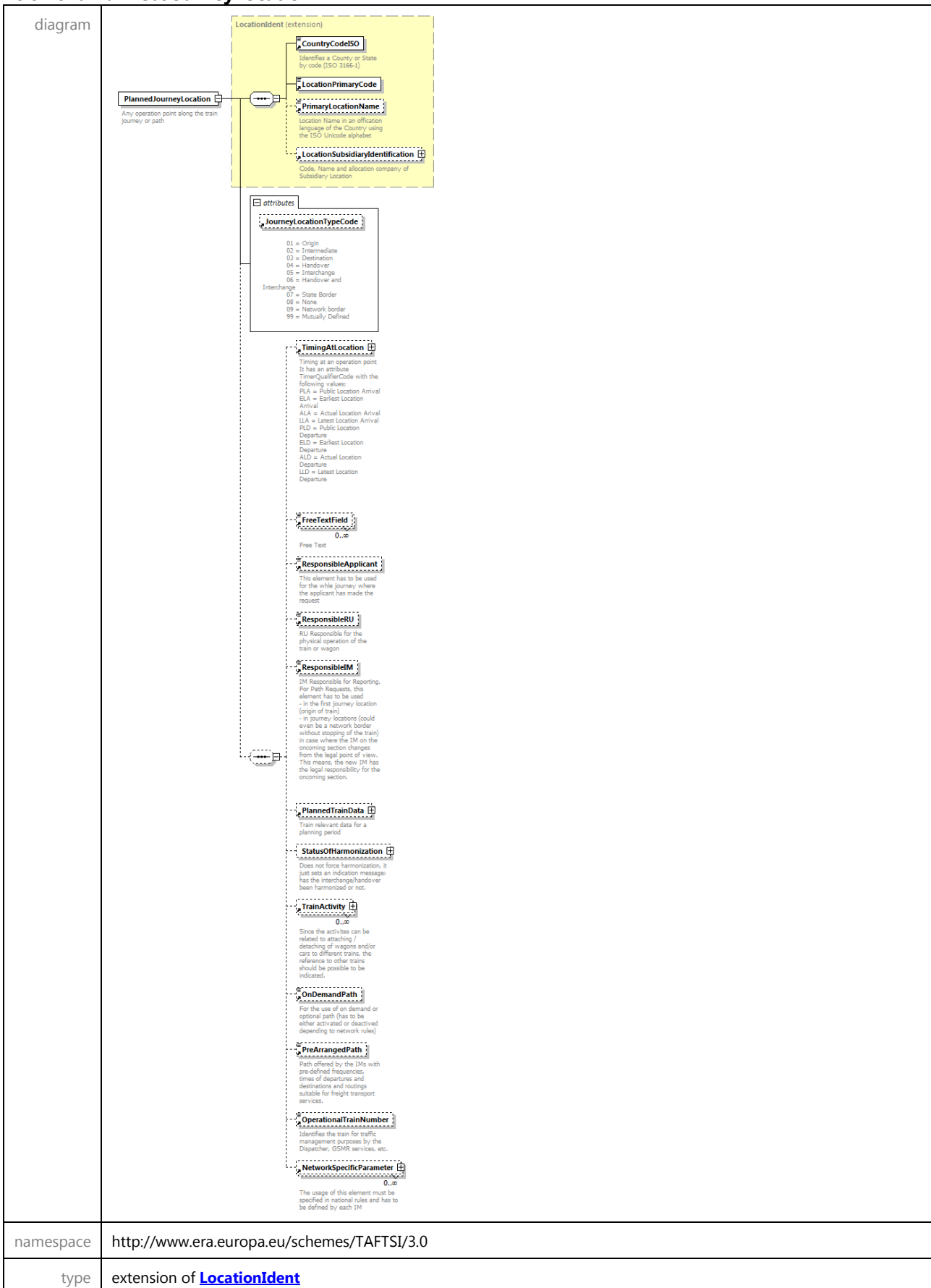
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
type	restriction of xs:string															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>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 Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.															

source	<pre> <xs:element name="BitmapDays" minOccurs="0"> <xs:annotation> <xs:documentation>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> value="740"/> value="collapse"/> value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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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/3.0
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	<p>documentation</p> <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>
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>

element **PlannedJourneyLocation**



properties	content complex																																																																								
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter																																																																								
used by	elements PathInformation TrainInformation																																																																								
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>JourneyLocationTypeCode</td> <td>derived by: xs:token</td> <td></td> <td></td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>01 = Origin</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>02 = Intermediate</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>03 = Destination</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>04 = Handover</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>05 = Interchange</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>06 = Handover and Interchange</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>07 = State Border</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>08 = None</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>09 = Network border</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>99 = Mutually Defined</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	JourneyLocationTypeCode	derived by: xs:token				documentation						01 = Origin						02 = Intermediate						03 = Destination						04 = Handover						05 = Interchange						06 = Handover and Interchange						07 = State Border						08 = None						09 = Network border						99 = Mutually Defined
Name	Type	Use	Default	Fixed	Annotation																																																																				
JourneyLocationTypeCode	derived by: xs:token				documentation																																																																				
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					07 = State Border																																																																				
					08 = None																																																																				
					09 = Network border																																																																				
					99 = Mutually Defined																																																																				
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="0"> <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> <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:element> </xs:extension> </xs:complexContent> </xs:complexType> </pre>																																																																								

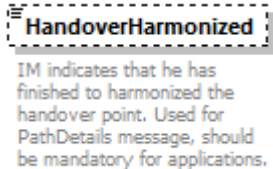
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element **PlannedJourneyLocation/StatusOfHarmonization**

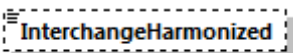
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 1 content complex
children	HandoverHarmonized InterchangeHarmonized
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.

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>
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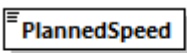
element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

diagram	
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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/3.0
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>

element **PlannedSpeed**

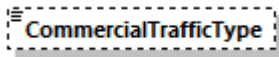
diagram	 <p>IM may inform the RA on the speed which was the basis for path construction</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table border="1"> <thead> <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**

<p>diagram</p>	<p>TrainType</p> <p>1 Passenger train Commercial train with passenger coaches or trainsets Empty run of Train with passenger coaches or trainsets Including Crew train (for Train Crew Members)</p> <p>2 Freight train Train with freight wagons</p> <p>3 Light engine (locomotive train) One or more engines without any carriages</p> <p>4 Engineering train Train for measurement, maintenance, instructions, homologation, etc</p> <p>0 Other Train types that are not covered with the four codes given above can be codified as "other" in the messages Passenger with Freight - military trains, the Overnight Express: Royalty, Head of States</p> <p>TrafficType</p> <p>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</p> <p>PushPullTrain</p> <p>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</p> <p>TypeofService</p> <p>Information about the services available on a train. Used for publication towards the passenger</p> <p>CommercialTrafficType</p> <p>PlannedTrainTechnicalData</p> <p>Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingIdent</p> <p>0..∞</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>DangerousGoodsIndication</p> <p>0..∞</p> <p>Identifies dangerous goods</p> <p>CombinedTrafficLoadProfile</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): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is less or equal 2550 mm. C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm • 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/3.0</p>
<p>properties</p>	<p>content complex</p>

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**

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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 documentation Car sleeper train, motor rail (CST)</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 documentation Car sleeper train, motor rail (CST)
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)											

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		documentation 0
enumeration	48	documentation SAE documentation SAE documentation Unaccompanied car service, motor rail documentation 14
		documentation 0
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		documentation 0
enumeration	53	documentation EIL documentation EUROSTAR documentation Eurostar documentation 8
		documentation 0

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enumeration	74	

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		DB Nachtzug	documentation
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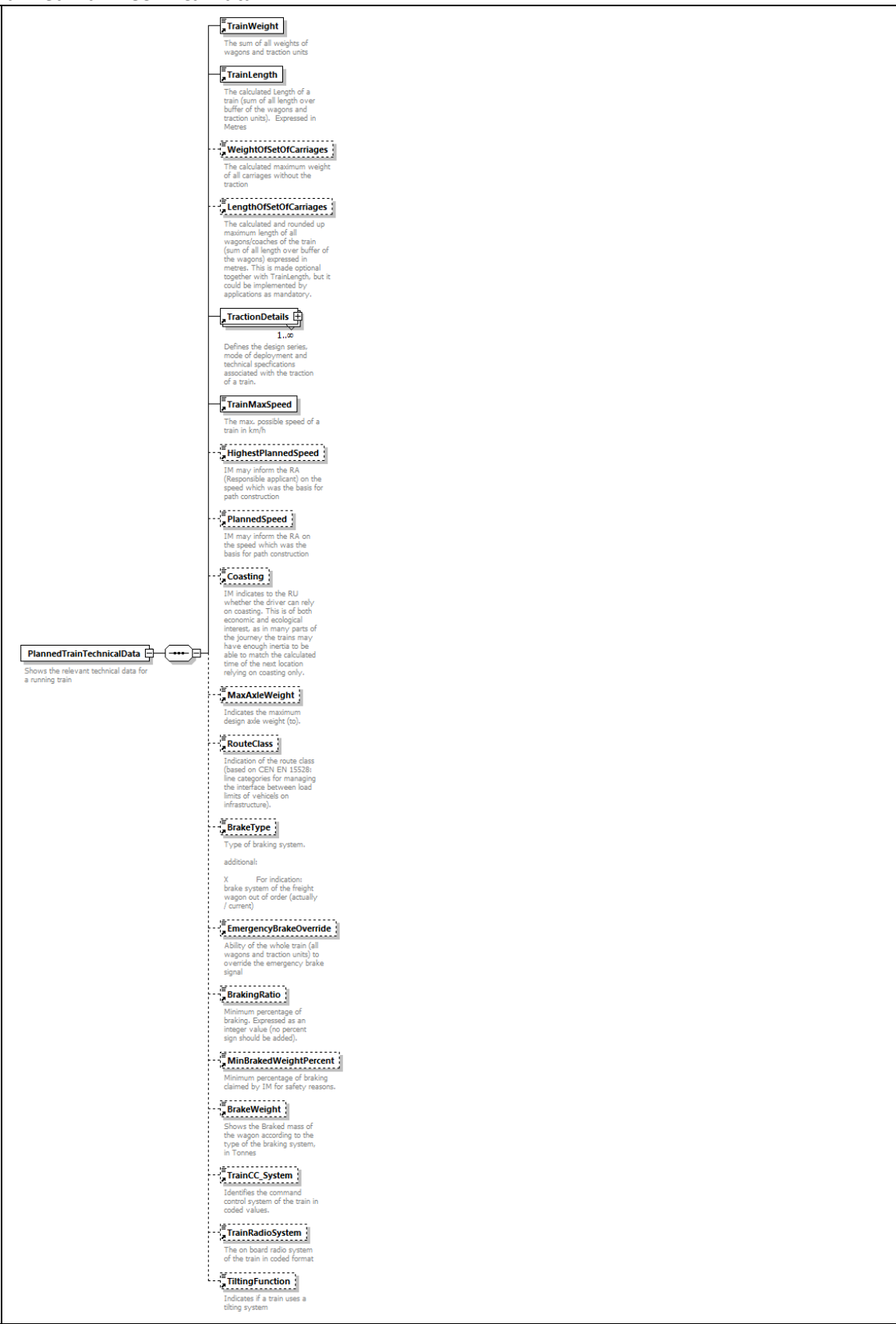




















		documentation 0
enumeration	234	documentation R documentation REGIO train documentation REGIO train documentation 11
enumeration	235	documentation 0 documentation RE documentation REGIOekspres train documentation REGIOekspres train documentation 10
enumeration	236	documentation 0 documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11
enumeration	237	documentation 0 documentation TK documentation TurKol documentation TurKol documentation 11
enumeration	238	documentation 0 documentation EIP documentation EIC Premium documentation High-speed train documentation 8
enumeration	239	documentation 0 documentation SKM documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12
enumeration	240	documentation 0 documentation SA

		documentation SAPSAN documentation High speed train documentation 8 documentation 0
enumeration	242	documentation STR documentation STRIZH documentation Strizh night train documentation ";E1;" documentation 0
enumeration	243	documentation STR documentation STRIZH documentation Strizh interregional documentation ";E1;" documentation 0
enumeration	244	documentation NJ documentation NJ documentation NJ Night Jet documentation ";E1;" documentation 0
enumeration	245	documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation ";E1;" documentation 0
enumeration	246	documentation RJX documentation RJX documentation RJX railjet xpress documentation ";E1;" documentation 0
enumeration	247	documentation CJX documentation CJX documentation CJX cityjet xpress

			documentation ";E1;"
			documentation 0
enumeration	248	documentation Night train BC	documentation Night train BC
			documentation ";E1;"
			documentation 0
enumeration	249	documentation TGV	documentation TGV INOUI
			documentation TGV INOUI
			documentation ";E1;"
			documentation 0
enumeration	250	documentation TGV	documentation TGV INOUI
			documentation TGV INOUI DUPLEX (double decker TGV)
			documentation ";E1;"
			documentation 0
enumeration	251	documentation ALI	documentation Aare Linth
			documentation Aare Linth (Panorama Train)
			documentation ";E1;"
			documentation 0
enumeration	252	documentation TGO	documentation Treno Gottardo
			documentation Treno Gottardo (Panorama Train)
			documentation ";E1;"
			documentation 0
enumeration	253	documentation VAE	documentation Voralpen-Express
			documentation Voralpen-Express (Panorama Train)
			documentation ";E1;"
			documentation 0
enumeration	254	documentation LK	

	<p>documentation FRECCIALINK documentation FRECCIALINK documentation ";E1;" documentation 0 documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation ";E1;" documentation 0 documentation 255 documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation ";E1;" documentation 0 documentation 256 documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation ";E1;" documentation 0 documentation 257 documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation ";E1;" documentation 0 documentation 258 documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0 documentation 259 documentation HSW documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0</p>
source	<pre><xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></pre>

element **PlannedTrainTechnicalData**

<p>diagram</p>  <p>PlannedTrainTechnicalData  Shows the relevant technical data for a running train</p>	<ul style="list-style-type: none"> TrainWeight  The sum of all weights of wagons and traction units TrainLength  The calculated length of a train (sum of all length over buffer of the wagons and traction units). Expressed in metres WeightOfSetOfCarriages  The calculated maximum weight of all carriages without the traction LengthOfSetOfCarriages  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. TractionDetails  1..∞ Defines the design series, mode of deployment and technical specifications associated with the traction of a train. TrainMaxSpeed  The max. possible speed of a train in km/h HighestPlannedSpeed  IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction PlannedSpeed  IM may inform the RA on the speed which was the basis for path construction Coasting  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. MaxAxleWeight  Indicates the maximum design axle weight (t). RouteClass  Indication of the route class (based on CEN EN 15528; line categories for managing the interface between load limits of vehicles on infrastructure). BrakeType  Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current) EmergencyBrakeOverride  Ability of the whole train (all wagons and traction units) to override the emergency brake signal BrakingRatio  Minimum percentage of braking. Expressed as an integer value (no percent sign should be added). MinBrakedWeightPercent  Minimum percentage of braking claimed by IM for safety reasons. BrakeWeight  Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes TrainCC_System  Identifies the command control system of the train in coded values. TrainRadioSystem  The on board radio system of the train in coded format TiltingFunction  Indicates if a train uses a tilting system
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>

children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System TrainRadioSystem TiltingFunction
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"/> <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:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

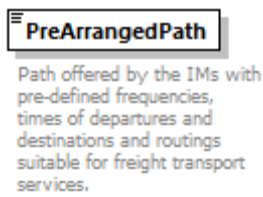
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>type</p>	<p>CompositIdentifierPlannedType</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ObjectType Company Core Variant TimetableYear StartDate</p>
<p>used by</p>	<p>elements ErrorMessage Identifiers</p>
<p>source</p>	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>type</p>	<p>restriction of xs:string</p>
<p>properties</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>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	<p>documentation</p> <p>The postal code for the postal address</p>									
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" value="1"/> <xs:restriction value="10"/> </xs:simpleType> </xs:element></pre>									

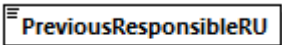
element **PreArrangedPath**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	<p>documentation</p> <p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p>									
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" value="1"/> <xs:restriction value="9"/> </xs:simpleType> </xs:element></pre>									

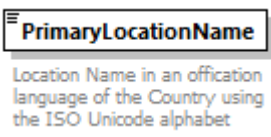
element **PreviousConsignmentNumber**

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/3.0
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>

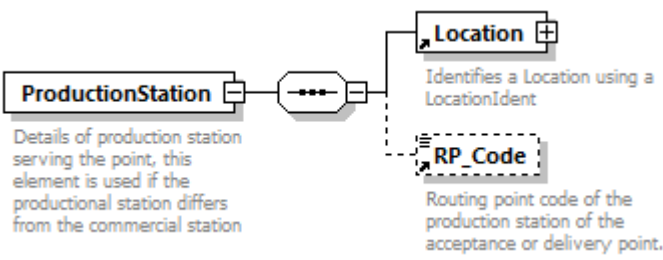
element **PreviousResponsibleRU**

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/3.0												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint 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**

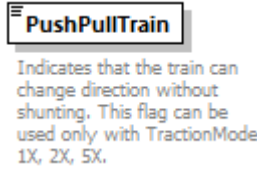
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	FreeText									
properties	content simple									
used by	complexType LocationIdent									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <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									
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**

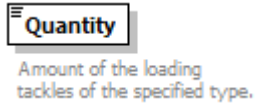
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	Location RP_Code
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of production station serving the point, 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:element ref="RP_Code" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre></xs:complexType> </xs:element></pre>
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element **PushPullTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

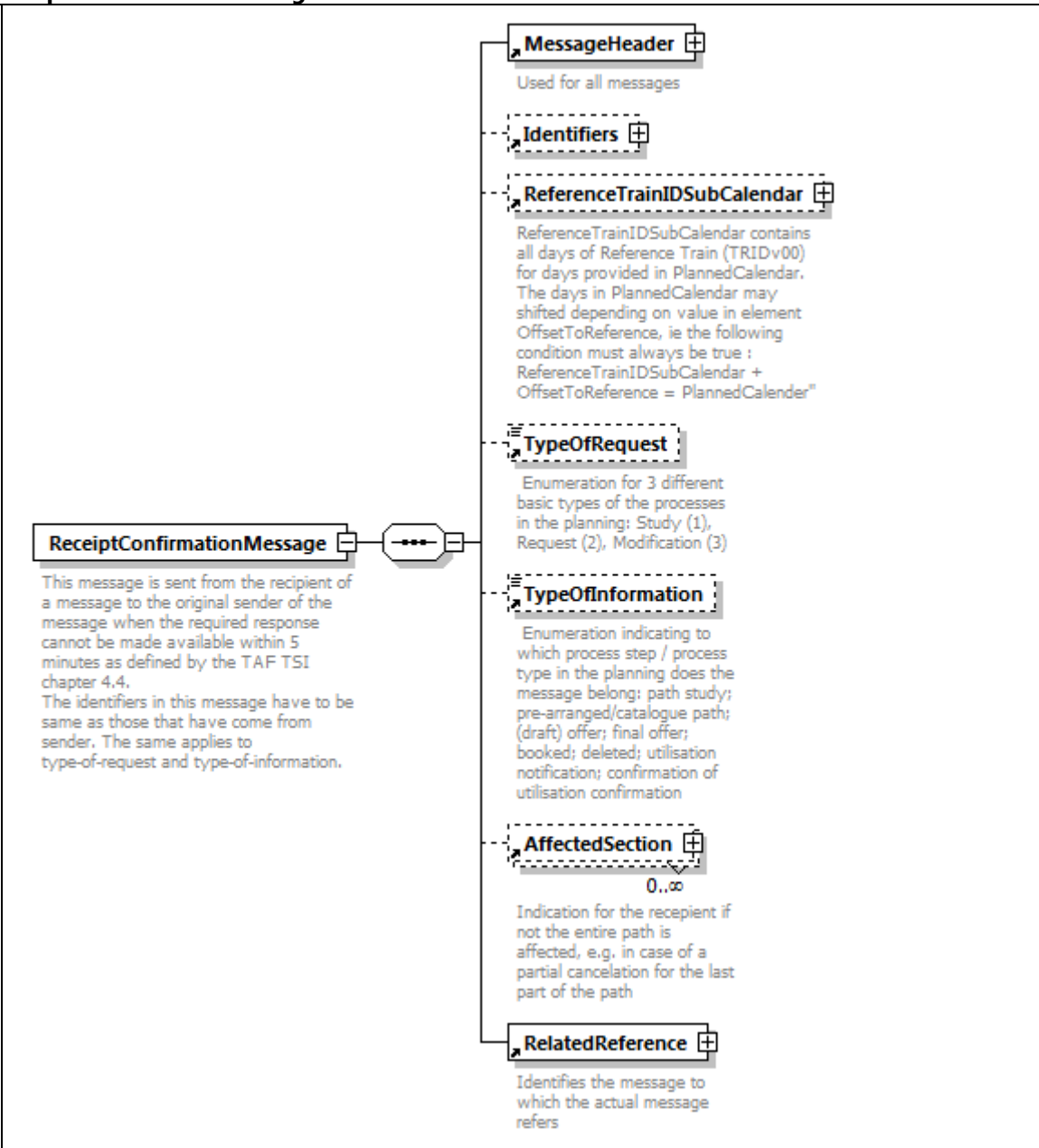
element **Quantity**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									


```

</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> <p>MessageHeader + Used for all messages</p> <p>Identifiers +</p> <p>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"</p> <p>TypeOfRequest + Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p> <p>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</p> <p>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</p> <p>RelatedReference + Identifies the message to which the actual message refers</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection RelatedReference</p>
<p>annotation</p>	<p>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.</p>

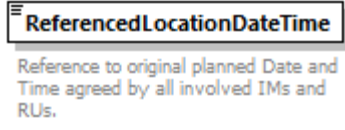
source	<pre> <xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers 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="RelatedReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **Recipient**

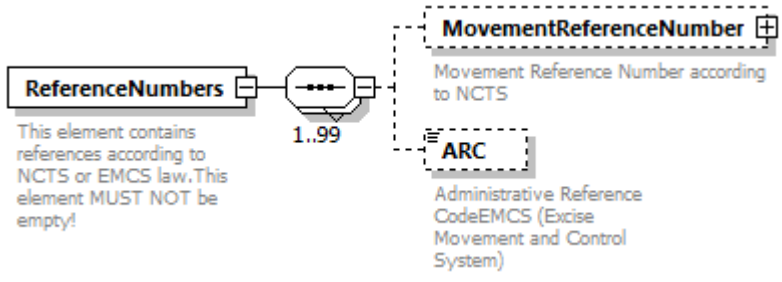
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
type	extension of CompanyCode						
properties	content	complex					
used by	element	MessageHeader					
facets	Kind	Value	Annotation				
	minLength	4					
	maxLength	4					
	pattern	[0-9A-Z]{4}					
attributes	Name	Type	Use	Default	Fixed	Annotation	
	CI InstanceNumber	Numeric2-2				documentation 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> </pre>						

	<pre> <xs:simpleContent> <xs:extension base="CompanyCode" ref="CI_InstanceNumber"/> <xs:attribute /> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>
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element **ReferencedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
used by	elements 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/3.0
properties	content complex
children	MovementReferenceNumber ARC
used by	elements ITU_Details Wagons/WagonDetails
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> </pre>

```

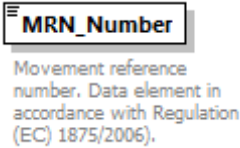
<xs:complexType>
  <xs:sequence                                maxOccurs="99">
    <xs:element                                name="MovementReferenceNumber"    minOccurs="0">
      <xs:annotation>
        <xs:documentation>Movement Reference Number according to
NCTS</xs:documentation>
      </xs:annotation>
      <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>

```

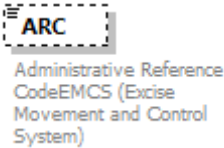
element **ReferenceNumbers/MovementReferenceNumber**

<p>diagram</p>	<p>MovementReferenceNumber Movement Reference Number according to NCTS</p> <p>MRN_Type Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor ...</p> <p>MRN_Number Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.									
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/3.0						
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>length</td> <td>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	21	
Kind	Value	Annotation					
length	21						
annotation	documentation Administrative Reference CodeEMCS (Excise Movement and Control System) documentation CODE: EU (EC) No 684/2009						
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> </pre>						

	<pre> <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/3.0
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**

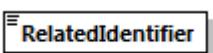
diagram	<p>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar"</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	BitmapDays ValidityPeriod
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage 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 </pre>

+	<code>OffsetToReference</code>	=	<code>PlannedCalendar" </xs:documentation></code>
	<code></xs:annotation></code> <code><xs:complexType></code> <code> <xs:sequence></code> <code> <xs:element</code>		<code> name="BitmapDays"></code> <code> <xs:simpleType></code> <code> <xs:restriction</code>
	<code> <xs:minLength</code>		<code> base="xs:string"></code> <code> value="1"/></code> <code> <xs:maxLength</code>
	<code> <xs:whiteSpace</code>		<code> value="740"/></code> <code> <xs:pattern</code>
	<code> </xs:restriction></code> <code> </xs:simpleType></code> <code> </xs:element></code> <code> <xs:element</code>		<code> value="collapse"/></code> <code> value="[0-1]{1,740}"/></code> <code> ref="ValidityPeriod"/></code> <code> </xs:sequence></code> <code></xs:complexType></code> <code></xs:element></code>

element **ReferenceTrainIDSubCalendar/BitmapDays**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	740	
	whiteSpace	collapse	
	pattern	[0-1]{1,740}	
source	<code><xs:element</code>		
	<code> <xs:simpleType></code>		
	<code> <xs:restriction</code>		
	<code> <xs:minLength</code>		
	<code> <xs:maxLength</code>		
	<code> <xs:whiteSpace</code>		
	<code> <xs:pattern</code>		
	<code> </xs:restriction></code>		
	<code> </xs:simpleType></code>		
	<code></xs:element></code>		

element **RelatedIdentifier**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
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									
source	<code><xs:element name="RelatedIdentifier" type="FreeText"/></code>									

element **RelatedPlannedTransportIdentifiers**

diagram	<p>The diagram illustrates the structure of the <code>RelatedPlannedTransportIdentifiers</code> element. It is a complex type composed of several child elements: <code>ObjectType</code>, <code>Company</code>, <code>Core</code>, <code>Variant</code>, <code>TimetableYear</code>, and <code>StartDate</code>. The <code>Core</code> element is highlighted as the main part of the identifier, determined by the company. The <code>Variant</code> shows a relationship between two identifiers for the same business case. The <code>TimetableYear</code> refers to the period of business, and <code>StartDate</code> indicates when the business starts.</p>
namespace	<code>http://www.era.europa.eu/schemes/TAFTSI/3.0</code>
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element Identifiers
source	<code><xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></code>


element **RelatedReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

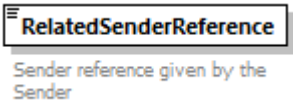
element **RelatedReference/RelatedType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

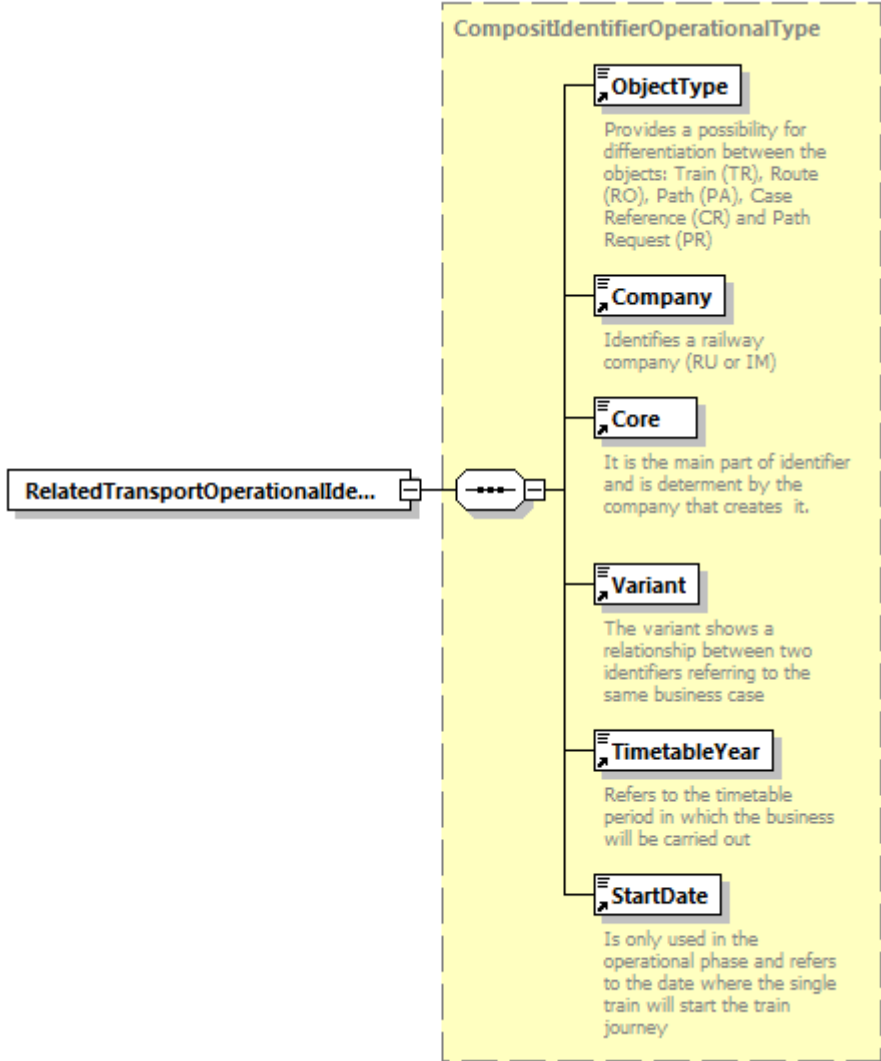
element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0									
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									
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>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) and Path Request (PR) 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 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/3.0</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>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>type</p>	<p>FreeText</p>

properties	content simple									
used by	elements DelayCauseTime InterruptionPoint 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 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	<pre>classDiagram class RequestedCalendar { +sequence of BitmapDays +ValidityPeriod } class BitmapDays { +string } class ValidityPeriod { } RequestedCalendar "1" -- "*" BitmapDays RequestedCalendar "1" -- "1" ValidityPeriod</pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	BitmapDays ValidityPeriod
used by	element PathInformation
source	<pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element name="BitmapDays" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:simpleType> </xs:element> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RequestedCalendar/BitmapDays**

diagram	<pre>classDiagram class BitmapDays { } class xs_string { } BitmapDays -- xs_string</pre>				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0				
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> </tbody> </table>	minOcc	0	maxOcc	1
minOcc	0				
maxOcc	1				

	content simple
facets	Kind Value Annotation minLength 1 maxLength 740 whiteSpace collapse pattern [0-1]{1,740}
source	<pre> <xs:element name="BitmapDays" minOccurs="0"> <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 **RequestedPeriod**

diagram	<p>The diagram shows a box labeled 'RequestedPeriod' with the description 'Date/Time period of a request'. It is connected to a sequence container (a circle with three dots) which contains two elements: 'StartDateTime' (with description 'The start of the date/time in effect') and 'EndDateTime' (with description 'The end date/time in effect').</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	<p>The diagram shows a box labeled 'RequestedTimeframe' with the description 'To specify a time period being requested'. It is connected to a sequence container (a circle with three dots) which contains two elements: 'StartDateTime' (with description 'The start of the date/time in effect') and 'EndDateTime' (with description 'The end date/time in effect').</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 specify 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**

diagram	<p>ResponsibilityActualSection This element identifies the responsible RU or IM for the actual path section</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>ResponsibleIM 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 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	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
annotation	documentation This element identifies the responsible RU or IM for the actual path section
source	<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"/> </pre>

	<pre> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	<pre>ref="ResponsibleIM"/></pre>
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element **ResponsibilityNextSection**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
properties	content complex	
children	ResponsibleRU ResponsibleIM	
used by	element JourneySection	
annotation	documentation This element identifies the responsible RU and IM for the following path section	
source	<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**

diagram		
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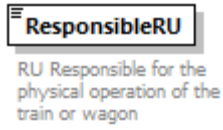
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of CompanyCode												
properties	content simple												
used by	element PlannedJourneyLocation												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>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 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**

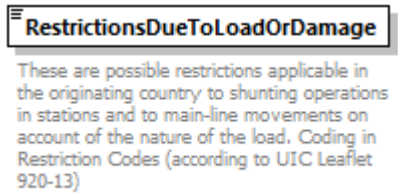
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	CompanyCode												
properties	content simple												
used by	elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection												
facets	<table 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 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 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 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. </xs:documentation> </xs:annotation> </xs:element> </pre>
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element **ResponsibleRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint 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>												

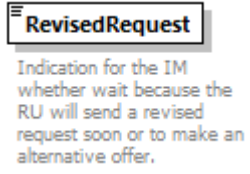
element **RestrictionsDueToLoadOrDamage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

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></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>33</td><td></td></tr> <tr><td>enumeration</td><td>34</td><td></td></tr> <tr><td>enumeration</td><td>35</td><td></td></tr> <tr><td>enumeration</td><td>36</td><td></td></tr> <tr><td>enumeration</td><td>37</td><td></td></tr> <tr><td>enumeration</td><td>38</td><td></td></tr> <tr><td>enumeration</td><td>39</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>42</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> <tr><td>enumeration</td><td>52</td><td></td></tr> <tr><td>enumeration</td><td>62</td><td></td></tr> <tr><td>enumeration</td><td>63</td><td></td></tr> <tr><td>enumeration</td><td>68</td><td></td></tr> <tr><td>enumeration</td><td>70</td><td></td></tr> <tr><td>enumeration</td><td>71</td><td></td></tr> <tr><td>enumeration</td><td>90</td><td></td></tr> <tr><td>enumeration</td><td>91</td><td></td></tr> <tr><td>enumeration</td><td>92</td><td></td></tr> <tr><td>enumeration</td><td>94</td><td></td></tr> <tr><td>enumeration</td><td>99</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	18		enumeration	25		enumeration	30		enumeration	31		enumeration	32		enumeration	33		enumeration	34		enumeration	35		enumeration	36		enumeration	37		enumeration	38		enumeration	39		enumeration	41		enumeration	42		enumeration	50		enumeration	52		enumeration	62		enumeration	63		enumeration	68		enumeration	70		enumeration	71		enumeration	90		enumeration	91		enumeration	92		enumeration	94		enumeration	99	
Kind	Value	Annotation																																																																																																								
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annotation	<p>documentation</p> <p>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:element></pre>																																																																																																									

	<pre></xs:annotation> </xs:element></pre>
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element **RevisedRequest**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:boolean
properties	content simple
used by	element PathDetailsRefusedMessage
annotation	documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.
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**

<p>diagram</p>	<p>Law</p> <p>The law after which the RID data are declared.</p> <p>DangerousGoodsIndication</p> <p>Identifies dangerous goods</p> <p>TechnicalDescription</p> <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> <p>ProperShippingName</p> <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> <p>SpecialProvisionsRID</p> <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p> <p>AdditionalProvisionsRID</p> <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p> <p>ActionRequiredFromCarrier</p> <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> <p>WeightNettoExplosiveMass</p> <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> <p>ClassificationCode</p> <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> <p>EmptyPackingCode</p> <p>Code of empty packing as described in RID 5.4.1.1.6.2</p> <p>RID</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 RUs</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>

children	Law DangerousGoodsIndication TechnicalDescription ProperShippingName SpecialProvisionsRID AdditionalProvisionsRID ActionRequiredFromCarrier WeightNettoExplosiveMass ClassificationCode EmptyPackingCode
used by	element Goods
annotation	<p>documentation</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 RUs</p>
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: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 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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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<xs:simpleType>
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  </xs:restriction>
</xs:simpleType>
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5.4, that are not treated by other elements in this message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
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      <xs:minLength value="1"/>
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chapter 5.4, that are not treated by other elements in this
message</xs:documentation>
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  <xs:simpleType>
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</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
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    <xs:documentation>Special provision only necessary and allowed for
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5.4.1.2.1).</xs:documentation>
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    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>
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      <xs:minLength value="1"/>
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        <xs:annotation>
          <xs:documentation>present only with class
          1</xs:documentation>
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  </xs:simpleType>
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  <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>
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        </xs:annotation>
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          <xs:documentation>EMPTY CONTAINER</xs:documentation>
        </xs:annotation>
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          <xs:documentation>EMPTY IBC</xs:documentation>
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        </xs:annotation>
      </xs:enumeration>
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        </xs:annotation>
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  </xs:simpleType>
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  <xs:annotation>
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    <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
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  </xs:annotation>
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  <xs:annotation>
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  </xs:annotation>
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ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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1000L</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="17">
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1000L</xs:documentation>
  </xs:annotation>


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	<pre> </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> </pre>
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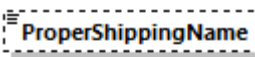
element **RID/Law**

diagram	 <p>The law after which the RID data are declared.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
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> </tbody> </table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019	
Kind	Value	Annotation														
enumeration	2013															
enumeration	2015															
enumeration	2017															
enumeration	2019															
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:restriction> </xs:simpleType> </xs:element> </pre>															

element **RID/TechnicalDescription**

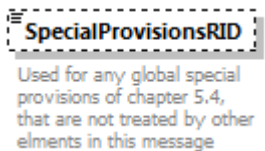
diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	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**

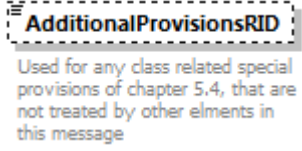
diagram	 <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	<p>documentation</p> <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>									
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>									

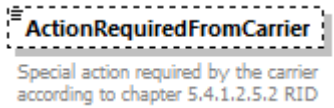
element **RID/SpecialProvisionsRID**

diagram										
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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>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<p>documentation</p> <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p>									
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:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RID/AdditionalProvisionsRID**

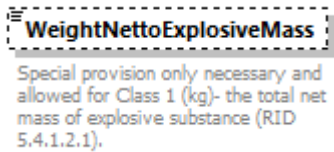
diagram	 <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any 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**

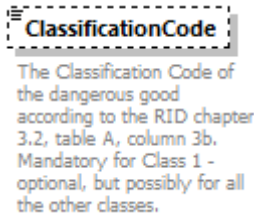
diagram	 <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Special 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></pre>

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

element **RID/WeightNettoExplosiveMass**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>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	<p>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.</p> <p>documentation CODE: OTIF RID-Specification</p>									
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: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																									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																								
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>01</td> <td>documentation EMPTY PACKAGING</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation EMPTY CONTAINER</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation EMPTY IBC</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation EMPTY LARGE PACKAGING</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation EMPTY TANK-VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation EMPTY TANK-WAGON</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td>documentation EMPTY DETACHABLE TANK</td> </tr> </tbody> </table>	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
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																							

	<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" 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"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> </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 1e 1000L</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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	<pre> <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> </pre>
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element **RollingRoadUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID
used by	element Wagons
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> <xs:element name="RollingRoadUnit"> <xs:annotation> <xs:documentation>Describes the type and content of a Rolling road unit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Goods" maxOccurs="99"> <xs:annotation> <xs:documentation>Describes the goods inside the means of transport</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SummaryOfGoodsWithSameRID" maxOccurs="25"> <xs:annotation> <xs:documentation>This element is only in use if the consignment 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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

```

        <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>
<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
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>
<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:annotation>
        <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:sequence>
  </xs:complexType>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="25"/>
    </xs:restriction>
  </xs:simpleType>

```

```

</xs:element>
<xs:element name="FirstName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Optional first name of the
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">
      <xs:minLength value="1"/>
      <xs:maxLength value="15"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Goods" maxOccurs="99">
  <xs:annotation/>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingRoadUnit/RollingRoadUnitDetails**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>	<pre> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <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: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 base="xs:string" minOccurs="0" maxOccurs="2"> <xs:sequence> <xs:element name="Vehicle" type="xs:string" minOccurs="0" maxOccurs="1" base="xs:string" /> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TareWeightVehicle" type="xs:float" minOccurs="0" maxOccurs="1" /> <xs:element name="Haulier" type="xs:string" minOccurs="0" maxOccurs="1" /> <xs:element name="Attendants" type="xs:string" minOccurs="0" maxOccurs="2" /> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        <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>
  <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>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="10"/>
              <xs:minLength value="1"/>
            </xs:restriction>
          </xs:simpleType>
          <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">

```

<pre> <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> <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: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>

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

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																					
type	restriction of xs:string																					
properties	minOcc 0 maxOcc 1 content simple default HGZ																					
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>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> </tbody> </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: documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)																					
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> </pre>																					

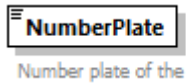
	<pre> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 2 content complex
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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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/3.0									
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> <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>									

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

diagram				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0			
type	WeightValueKilo			
properties	content simple			
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> </tbody> </table>	Kind	Value	Annotation
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/3.0
properties	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/3.0
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: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	<pre> classDiagram class LastName { Last name of attendant. } </pre>
---------	--------------------------------------------------------------------------------------

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> </xs:element> </pre>									

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>15</td> <td></td> </tr> </tbody> </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> </pre>									

<pre> <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	<pre> classDiagram class RollingStockDataset class AdministrativeDataSet class DesignDataSet RollingStockDataset -- "..." RollingStockDataset -- AdministrativeDataSet RollingStockDataset -- DesignDataSet </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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> </pre>

```

        <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"
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

```


	<pre> of </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="CounterAcReditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> </pre>
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```

        <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

```

	<pre> 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> </pre>
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	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <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" 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" 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"/> </pre>
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	<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 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" value="256"/> </xs:restriction> </xs:simpleType> </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"> </pre>
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        <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 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:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:complexType>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

</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 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 side flap of flat wagon stanchion
02 = Removable end flap of flat wagon
03 = Removable side rail
04 = Removable intermediate upright for securing the load chain
05 = Removable Stanchion
06 = Removable handle and wheel for winch on car-carrying wagon
07 = Swivelling bolster (with stanchions)
08 = Coupling rod (rigid coupling)
09 = Ice bunker
10

```

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	support
15	=	Removable		
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	markings	
27	=	Panel for covering		
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
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>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/AdministrativeDataSet**

<p>diagram</p>	<p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>PreviousWagonNumberFreight For identification of a wagon after renumbering</p> <p>RegistrationCountry ISO country code of registration country</p> <p>DatePutIntoService Date of first operation</p> <p>AuthorisationValidUntil End date for restricted authorisation (special case)</p> <p>SuspensionOfAuthorisation Information if authorisation has been suspended by the authority</p> <p>DateSuspensionOfAuthorisation Date of the suspension of authorisation; must be provided in case of suspension</p> <p>MultilateralAuthorisationCountries 0..∞ 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> <p>ChannelTunnelPermitted 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> <p>QuieterRoutesExemptionCountry 0..∞ 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> <p>KeeperShortNameVKM 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)</p> <p>ECM Full name of the assigned Entity in Charge of Maintenance</p> <p>PlannedChangeOfECM ECM certificate information</p> <p>ECMCertificate ECM certificate information</p> <p>InteropCapability 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</p> <p>GCUWagon Indication if wagon is operated under the GCU contract</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>

children	<p>WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon</p>
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" minOccurs="0"> <xs:annotation> </pre>

```

    <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>

```

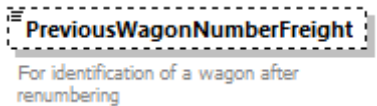
```

</xs: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:element>
    <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>

```


<p>suspended</p>	<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> <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> </pre>
------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**


diagram	 <pre> classDiagram class PreviousWagonNumberFreight { <<stereotype>> } </pre> <p>For identification of a wagon after renumbering</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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**

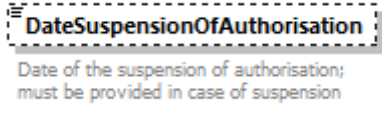
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)
source	<pre><xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation></pre>

	<pre> <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/3.0
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/3.0
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>

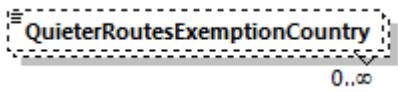
element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

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/3.0
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/3.0
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/3.0
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	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/3.0
type	restriction of xs:string
properties	content simple
facets	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" value="256"/> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

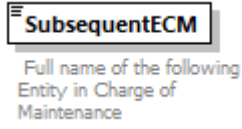
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 1 content complex
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <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/3.0
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>
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element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
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>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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: 31, 34</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificateValidFrom" type="Date" /> <xs:element name="ECMCertificateValidTo" type="Date" /> <xs:element name="CoversTankWagonsForDangerousGoods" type="Boolean" /> <xs:element name="CoversNonTankWagonsForDangerousGoods" type="Boolean" /> <xs:element name="ECMCertificateSuspended" type="Boolean" /> <xs:element name="DateECMCertificateSuspended" type="Date" /> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

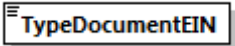
        </xs:annotation>
      </xs:element>
      <xs:element
        name="CounterAccreditedRecognizedBody"
        type="Numeric2-2"/>
      <xs:element
        name="EINYear"
        type="Numeric2-2"/>
      <xs:element
        name="EINCounter">
        <xs:simpleType>
          <xs:restriction
            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/3.0</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" type="Numeric2-2"> <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**

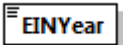
diagram	 Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	Numeric2-2									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</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/CounterAcreditedRecognized Body

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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="CounterAcreditedRecognizedBody" type="Numeric2-2"/></pre>									


element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

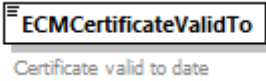
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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/3.0
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>

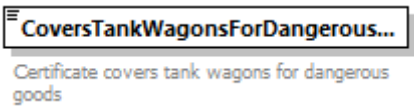
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>
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element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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

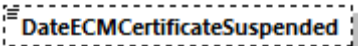
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

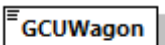
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

diagram	 <p>ECMCertificateSuspended</p> <p>Identification if certificate has been suspended for any reason</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>DateECMCertificateSuspended</p> <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/3.0
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>GCUWagon</p> <p>Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>
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children	<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 MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection</p>
source	<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"/> <xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> </pre>

```

        <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>	
specific	<xs:documentation>UN code of product if product	table</xs:documentation>
	load	
	</xs:annotation>	
	</xs:element>	
	<xs:element name="ProductRIDName">	
	<xs:annotation>	
folding	<xs:documentation> RID product name as written on the	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>	
additional	<xs:documentation>ISO country code of countries for	tables</xs:documentation>
	load	
	</xs:annotation>	
	</xs:element>	
	<xs:element name="SpeedCategory" type="Numeric1-5"	
maxOccurs="unbounded">		
	<xs:annotation>	
empty	<xs:documentation>Numeric speed in load table, without speed	in km/h</xs:documentation>
	</xs:annotation>	
	</xs:element>	
	<xs:element ref="LoadTableStars" minOccurs="0">	
	<xs:annotation>	
recognized	<xs:documentation>Number of load table stars. Currently	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>

```

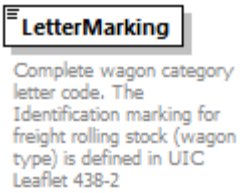
```

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


<p>the</p> <p>weight</p> <p>return</p> <p>ferries</p> <p>grades:</p> <p>maxOccurs="unbounded"></p> <p>train formation, yards or in trains due to design characteristics. Type will be the RestrictionCode instead of ForwardingRestrictionType,</p>	<pre> </xs:element> <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on 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 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 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 °)</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, </pre>
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	<p>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></p> <pre> </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>
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element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
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	documentation Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2						
source	<pre> <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> </pre>						

element **RollingStockDataset/DesignDataSet/TankCode**

diagram	 <p>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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	 <p>Type name of the wheel sets, and the name of the type depends on the manufacturer.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Type name of the wheel sets, and the name of the type depends on the manufacturer.
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></pre>

	<pre> <xs:restriction base="xs:string" <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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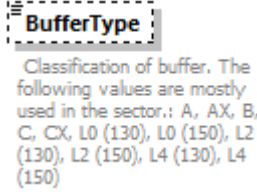
element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	Numeric1-5									
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 Largest distance between two adjacent bogie pitches in mm									
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/3.0									
type	Numeric1-5									
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 Maximum distance between two adjacent axes in mm									
source	<pre> <xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axes 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/3.0						
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>maxLength</td> <td>256</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	256	
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" value="256"/> </xs:simpleType> </xs:element> </pre>						

element **RollingStockDataset/DesignDataSet/LoadTable**

<p>diagram</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>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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 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). </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).

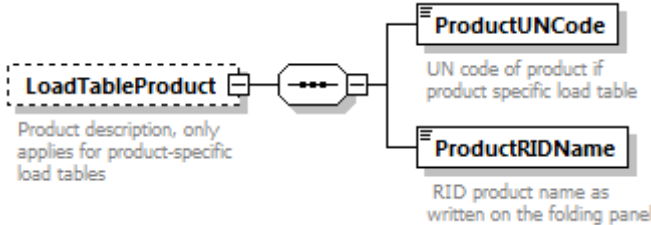
```

</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" value="256"/>
            </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>

```


	<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/3.0</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>
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element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**

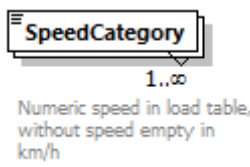
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	content simple

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/3.0
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/3.0
type	Numeric1-5

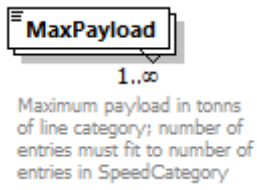
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Numeric speed in load table, without speed empty in km/h
source	<pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

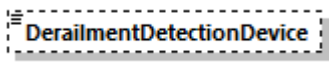
diagram	<p>The diagram shows a class RouteClassPayloads with a multiplicity of 1..∞. It contains a sequence of two elements: RouteClass and MaxPayload, both with a multiplicity of 1..∞. The RouteClass class has a documentation box describing its purpose based on CEN EN 15528. The MaxPayload class has a documentation box describing it as the maximum payload in tons of line category.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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 tonnes 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 tonnes 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/3.0												
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> <tr> <td>enumeration</td> <td>MDV 100</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Non coded device</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EDT 101		enumeration	MDV 100		enumeration	Non coded device	
Kind	Value	Annotation											
enumeration	EDT 101												
enumeration	MDV 100												
enumeration	Non coded device												

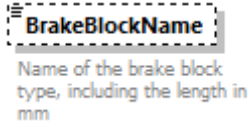
source	<code><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></code>
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element **RollingStockDataset/DesignDataSet/BrakeBlock**

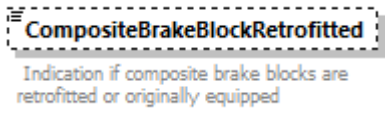
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate
annotation	documentation Characteristics of brake blocks
source	<pre> <xs:element name="BrakeBlock" minOccurs="0"> <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" 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> </pre>

	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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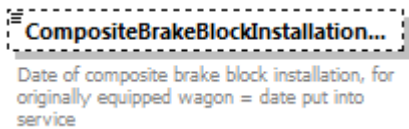
element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
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" value="256"/> </xs:simpleType> </xs:element> </pre>						

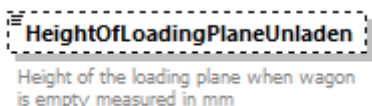
element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 or originally equipped</xs:documentation> </xs:annotation> </xs:element> </pre>

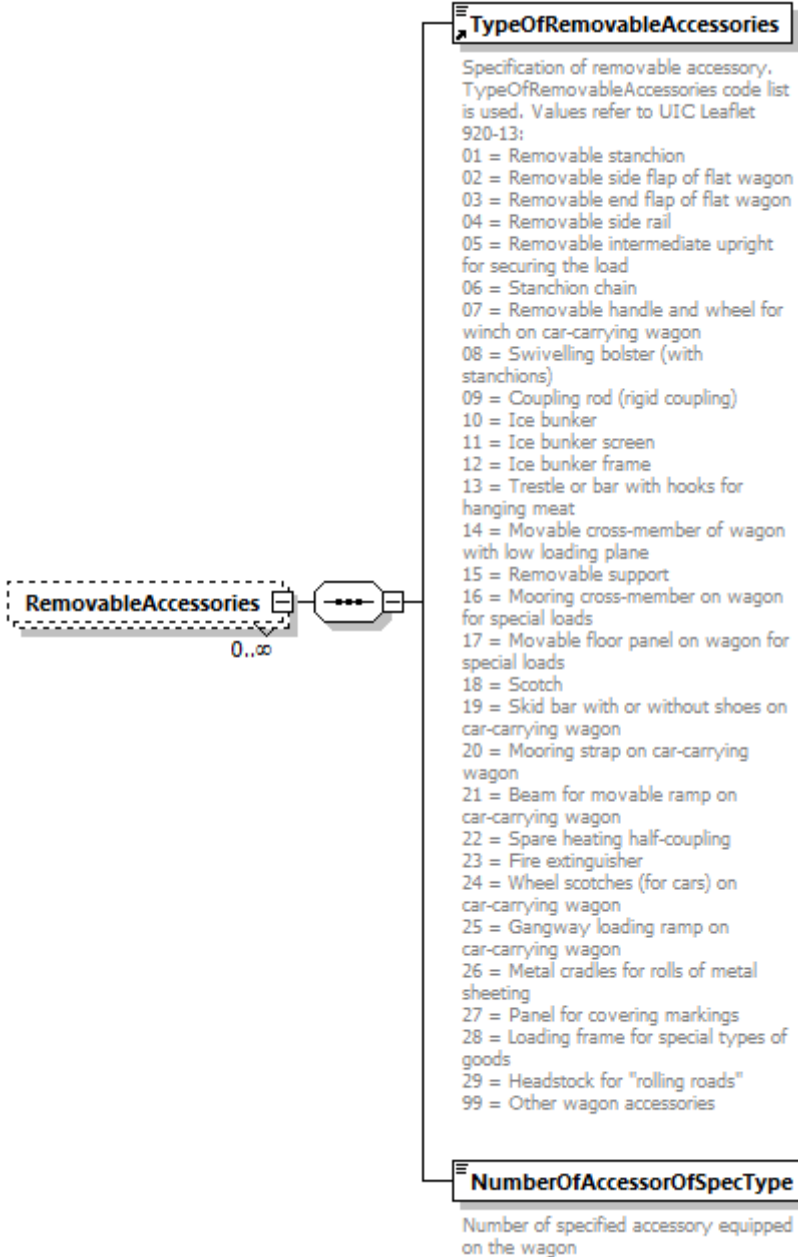
element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/HeightOfLoadingPlaneUnladen**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>	 <p>TypeOfRemovableAccessories</p> <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 <p>NumberOfAccessorOfSpecType</p> <p>Number of specified accessory equipped on the wagon</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>

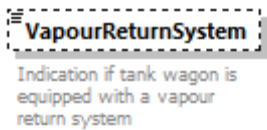
02	=	Removable	side	flap	of	flat	wagon
03	=	Removable	end	flap	of	flat	wagon
04	=	Removable	side	flap	of	flat	wagon
05	=	Removable	intermediate	upright	for	securing	the
06	=	Stanchion					chain
07	=	Removable	handle	and	wheel	for	winch
08	=	Swivelling			bolster	(with	stanchions)
09	=	Coupling			rod	(rigid	coupling)
10	=	Ice					bunker
11	=	Ice					screen
12	=	Ice					frame
13	=	Trestle	or	bar	with	hooks	for
14	=	Movable	cross-member	of	wagon	with	low
15	=	Removable					support
16	=	Mooring	cross-member	on	wagon	for	special
17	=	Movable	floor	panel	on	wagon	for
18	=	Scotch					
19	=	Skid	bar	with	or	without	shoes
20	=	Mooring	strap	on	car-carrying		wagon
21	=	Beam	for	movable	ramp	on	car-carrying
22	=	Spare			heating		half-coupling
23	=	Fire					extinguisher
24	=	Wheel	scotches	(for	cars)	on	car-carrying
25	=	Gangway	loading	ramp	on	car-carrying	wagon
26	=	Metal	cradles	for	rolls	of	metal
27	=	Panel	for	covering			markings
28	=	Loading	frame	for	special	types	of
29	=	Headstock			for	"rolling	roads"
99	=	Other			wagon		accessories
<code></xs:documentation></code>							
<code></xs:annotation></code>							
<code></xs:element></code>							
<code><xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"></code>							
<code><xs:annotation></code>							
<code><xs:documentation>Number of specified accessory equipped on the</code>							
<code>wagon</xs:documentation></code>							
<code></xs:annotation></code>							
<code></xs:element></code>							
<code></xs:sequence></code>							
<code></xs:complexType></code>							
<code></xs:element></code>							

element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**

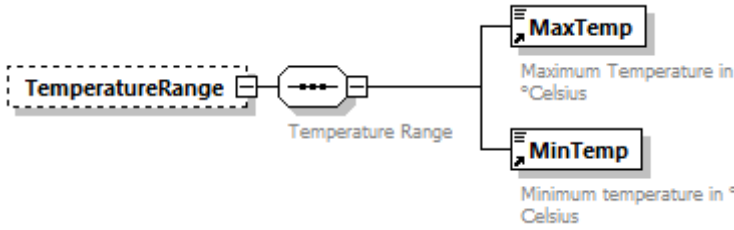
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<pre><xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

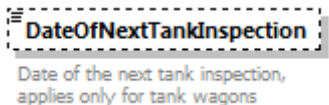
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</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> <xs:restriction base="xs:decimal"></pre>									

	<pre> <xs:totalDigits <xs:fractionDigits </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="3"/> value="2"/> </pre>
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element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
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>	

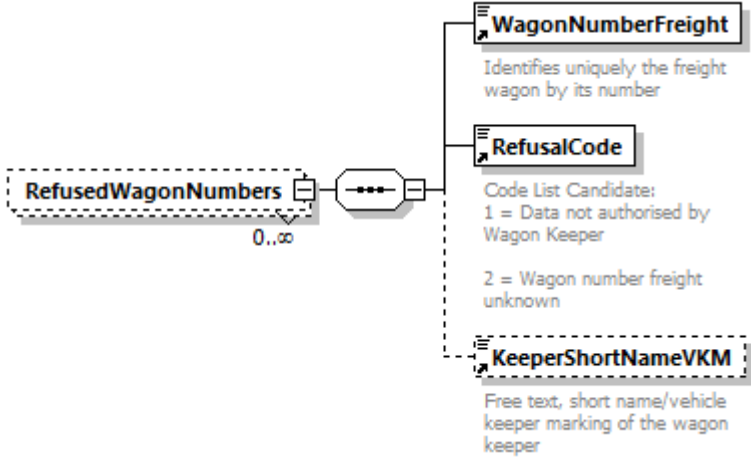
element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
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> </xs:element> </pre>	

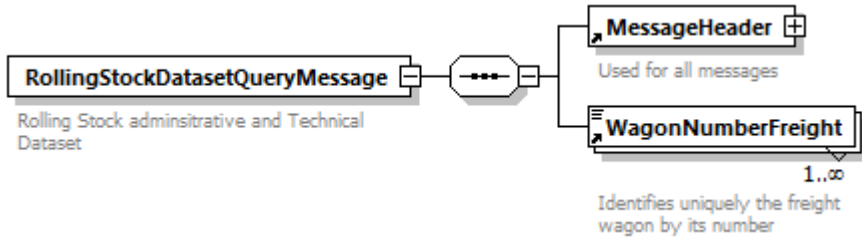
element **RollingStockDatasetMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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**

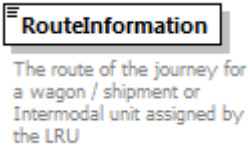
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p>WagonNumberFreight RefusalCode KeeperShortNameVKM</p>
<p>source</p>	<pre><xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <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**

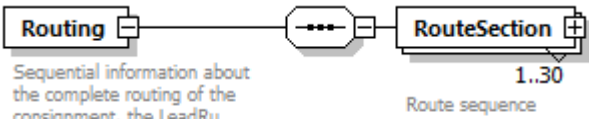
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader WagonNumberFreight</p>
<p>annotation</p>	<p>documentation Rolling Stock administrative and Technical Dataset</p>
<p>source</p>	<pre><xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType></pre>

	<pre> <xs:sequence> <xs:element <xs:element ref="WagonNumberFreight" </xs:sequence> </xs:complexType> </xs:element> </pre>	<pre> ref="MessageHeader"/> maxOccurs="unbounded"/> </pre>
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element **RouteInformation**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0										
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/3.0	
properties	content complex	
children	RouteSection	
used by	element ConsignmentOrderMessage/COMS/COM	
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> </pre>	


```

<xs:complexType>
  <xs:sequence>
    <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:maxLength value="80"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

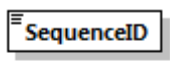
```

element **Routing/RouteSection**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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 </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> value="80"/> </pre>
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element **Routing/RouteSection/SequenceID**


diagram	 <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

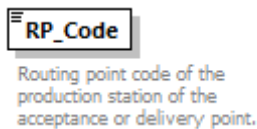
diagram	 <p>Route code (International RouteCode)</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <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"> </pre>									

	<pre> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **Routing/RouteSection/RouteText**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

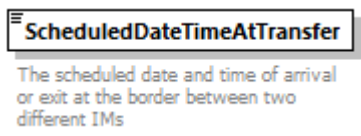
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	content simple
used by	element ProductionStation
facets	Kind Value Annotation length 5
annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<pre> <xs:element name="RP_Code"> </pre>

	<pre> <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>
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element **RU_Partner**

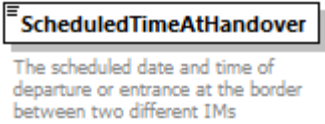
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <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/3.0
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The scheduled date and time of arrival or exit at the border between two different IMs
source	<pre> <xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled date and time of arrival or exit at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre></xs:annotation> </xs:element></pre>
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element **ScheduledTimeAtHandover**

diagram	 <p>The scheduled date and time of departure or entrance at the border between two different IMs</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The scheduled 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 scheduled date and time of departure or entrance at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element></pre>

element **ScheduledTimeAtLocation**

diagram	 <p>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

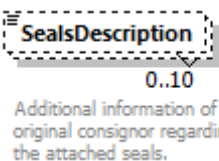
element **Seals**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>NumberOfSeals SealsDescription</p>
<p>used by</p>	<p>elements 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/3.0									
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>Additional information of the original consignor regarding the attached seals.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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"> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

	<pre> <xs:minLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="1"/> </pre>
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element **Sender**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0					
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
	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface Instance for the same Company
annotation	documentation The sender of the message					
source	<pre> <xs:element <xs:annotation> <xs:documentation>The sender of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension <xs:attribute </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>					

element **SenderReference**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0					

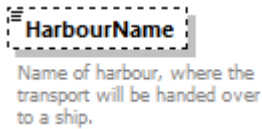
type	FreeText									
properties	content simple									
used by	element MessageHeader									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></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/3.0
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	elements 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:simpleType> <xs:restriction base="xs:string" value="1"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <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>
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element **Ship/HarbourName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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	
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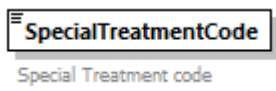
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of ship owner.
source	<pre> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <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/3.0
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> <xs:documentation>Special treatment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> </pre>

<p>special</p>	<pre> <xs:annotation> <xs:documentation>Railway Undertaking dedicated to fulfill the 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:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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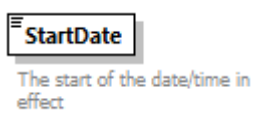
element **SpecialTreatments/SpecialTreatmentCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	content simple
facets	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> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

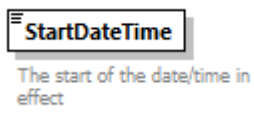
element **SpecialTreatments/SpecialTreatmentInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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" value="1"/> value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

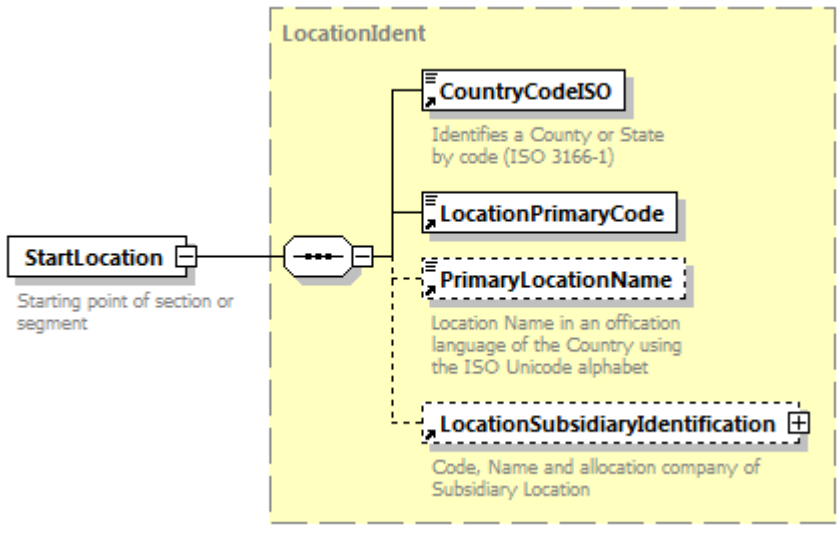
element **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:date
properties	content simple
used by	complexTypees CompositIdentifierOperationalType CompositIdentifierPlannedType ValidityPeriod
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/3.0
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>

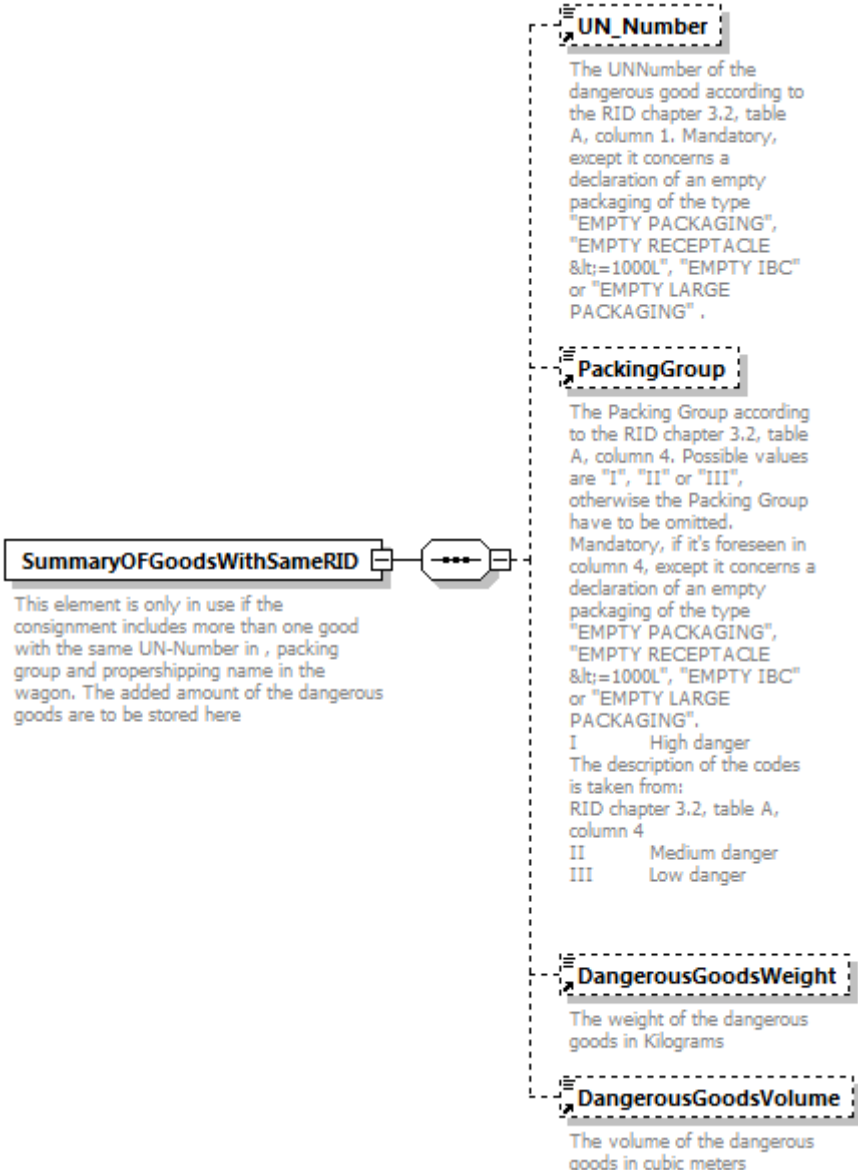
element **StartLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Starting point of section or segment
source	<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 an extension of the LocationIdent class. The Station class contains four child 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). The LocationIdent class is shown as a dashed box, indicating it is the base class.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>type</p>	<p>extension of LocationIdent</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification</p>
<p>used by</p>	<p>elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint</p>
<p>annotation</p>	<p>documentation Details of station serving the point</p>
<p>source</p>	<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 **SummaryOfGoodsWithSameRID**

<p>diagram</p>	 <p>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and probershipping name in the wagon. The added amount of the dangerous goods are to be stored here</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". I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4 II Medium danger III Low danger</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>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>UN_Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume</p>
<p>used by</p>	<p>elements 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 probershipping 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 includes more than one good with the same UN-Number in , packing group and probershipping name in the wagon. The added amount of the dangerous goods are to be stored here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

	<pre><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></pre>
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element **TechnicalForwardingRestrictions**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>TechnicalForwardingRestrictions</p> </div> <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="0" 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: right;">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: right;">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: right;">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: right;">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: right;">x</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">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: right;">x...</td> </tr> </tbody> </table>	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																																																
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		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/3.0</p>																																																

type	RestrictionCodes																											
properties	content	simple																										
used by	element	RollingStockDataset/DesignDataSet																										
facets	Kind	Value	Annotation																									
	enumeration	07																										
	enumeration	08																										
	enumeration	09																										
	enumeration	11																										
	enumeration	12																										
	enumeration	13																										
	enumeration	14																										
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	enumeration	90																										
	enumeration	91																										
	enumeration	92																										
	enumeration	94																										
	enumeration	99																										
annotation	documentation	<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- 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.</p> <table border="0"> <tr> <td></td> <td></td> <td>F</td> <td>=</td> <td>Freight</td> </tr> <tr> <td>P</td> <td>=</td> <td></td> <td></td> <td>Passenger</td> </tr> <tr> <td>T</td> <td>=</td> <td></td> <td></td> <td>Technical</td> </tr> <tr> <td>D</td> <td>=</td> <td></td> <td></td> <td>Damage</td> </tr> <tr> <td>L</td> <td>=</td> <td></td> <td></td> <td>Load</td> </tr> </table>				F	=	Freight	P	=			Passenger	T	=			Technical	D	=			Damage	L	=			Load
		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			
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			
16	F	Do not fly shunt or gravity shunt (3 red triangles)	x	x	x
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			
42	F	Place this wagon at the rear of the train	x	x	
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x	x	
70	F	Shunt with care (1 red triangle)			x
71	F	Shunt with special care (2 red triangle)	x	x	x
94	F	Gas carrying wagon without orange side stripe	x	x	
					x
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</pre>				

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			
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres			
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			
25	F	Gas carrying tank wagon with orange side stripe			
41	F	Place this wagon at the front of the train			
42	F	Place this wagon at the rear of the train			
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one			
70	F	Shunt with care (1 red triangle)			
71	F	Shunt with special care (2 red triangle)			

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TimingAtLocation**

diagram	<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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	Timing DwellTime
used by	element PlannedJourneyLocation
annotation	<p>documentation Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arival 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</p>
source	<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 Arival 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 </xs:documentation> </xs:annotation> </xs:element> </pre>

ELD	=	Earliest	Location	Departure
ALD	=	Actual	Location	Departure
LLD	=	Latest Location	Departure	

```

</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
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            <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>
    <xs:element ref="DwellTime" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

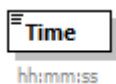
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element **TimingAtLocation/Timing**

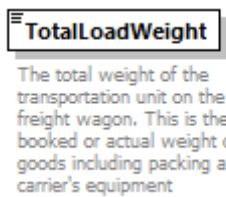
<p>diagram</p>													
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>												
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>												
<p>children</p>	<p>Time Offset BookedLocationDateTime</p>												
<p>attributes</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>TimingQualifierCode</td> <td>derived xs:token</td> <td>by:</td> <td></td> <td></td> <td>documentation 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</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	TimingQualifierCode	derived xs:token	by:			documentation 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
Name	Type	Use	Default	Fixed	Annotation								
TimingQualifierCode	derived xs:token	by:			documentation 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								

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>
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element **TimingAtLocation/Timing/Time**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	WeightValueKilo												
properties	content simple												
used by	element WagonOperationalData												
facets	<table border="0"> <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**

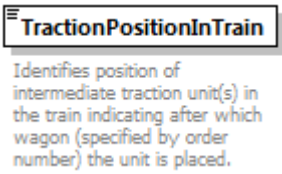
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/WagonDetails WagonInformation												
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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> <ul style="list-style-type: none"> 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 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 TractionMode Identifies the mode of deployment of a traction unit within a train TrainCC_System Identifies the command control system of the train in coded values. TrainRadioSystem The on board radio system of the train in coded format TractionWeight Check with group to see if it is for sum or individual - check TAP Length Length in millimetres - Used for TAP
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LocoTypeNumber TypeOfUsedHybridPowerunit TractionMode TrainCC_System TrainRadioSystem 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></pre>

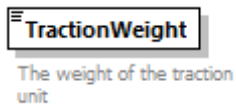
	<pre> <xs:documentation>Indication of type of power unit of a hybrid loco which is used; it has be filled only mandatory in case of hybrid locomotive</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionMode" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction unit within a train</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainCC_System" minOccurs="0"/> <xs:element ref="TrainRadioSystem" minOccurs="0"/> <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 milimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TractionPositionInTrain**

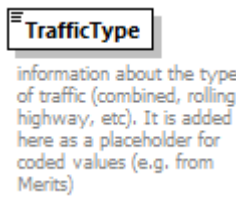
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection/LocoIdent									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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> </pre>									

	<pre> <xs:restriction base="xs:integer" <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TractionWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

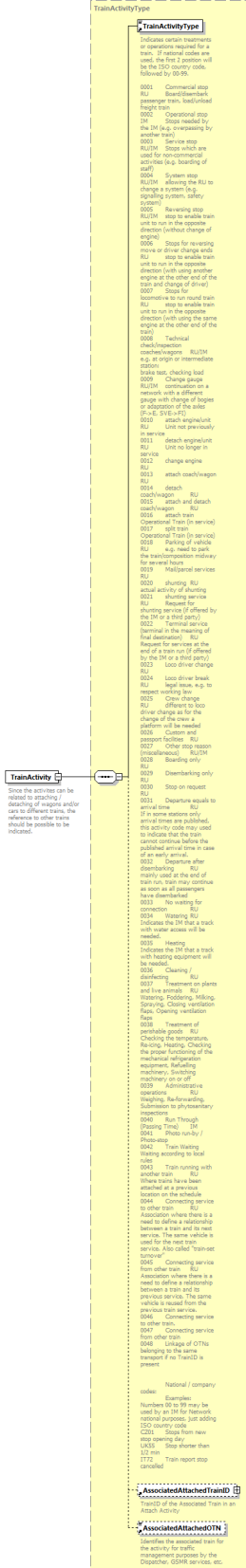
element **TrafficType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedTrainData									
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 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 </pre>									

```
highway, etc). It is added here as a placeholder for coded values (e.g. from
Merits)</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>
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element **TrainActivity**

diagram



namespace <http://www.era.europa.eu/schemes/TAFTSI/3.0>

type **TrainActivityType**

properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN
used by	elements TrainRunningData/Activities PlannedJourneyLocation
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.
source	<pre> <xs:element name="TrainActivity" type="TrainActivityType"> <xs:annotation> <xs: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.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainActivityType**

<p>diagram</p>	<div data-bbox="288 286 368 304" style="border: 1px solid black; padding: 2px;"> TrainActivityType </div> <p>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 positions will be the ISO country code, followed by 00-99.</p> <p>0001 Commercial stop RU Board/Disembark passenger train, fuel/unfuelled freight train</p> <p>0002 Operational stop IM Stops needed by the IM (e.g. overpassing by member train)</p> <p>0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff)</p> <p>0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)</p> <p>0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine)</p> <p>0006 Stops for reversing move or driver change end RU stop to enable train unit to run in the opposite direction (with up to another engine at the other end of the train and change of driver)</p> <p>0007 Stops for locomotive not round train RU stop to enable train unit to run in the opposite direction (with only one engine at the other end of the train)</p> <p>0008 Technical check/inspection coach/wagon RU/IM e.g. at origin or intermediate station</p> <p>0009 Change gauge RU/IM contribution on a network with a different gauge with change of bogies or adaptation of the axle (T/E, D/E, A/T)</p> <p>0010 attach engine/unit RU Unit not previously in service</p> <p>0011 detach engine/unit RU Unit no longer in service</p> <p>0012 change engine RU</p> <p>0013 attach coach/wagon RU</p> <p>0014 detach coach/wagon RU</p> <p>0015 attach unit/detach coach/wagon RU</p> <p>0016 attach train Operational Train (in service)</p> <p>0017 split train Operational Train (in service)</p> <p>0018 Parking of vehicle RU e.g. need to park the transposition railway for several hours</p> <p>0019 Multilateral services RU</p> <p>0020 shunting RU actual activity of shunting</p> <p>0021 shunting service RU Request for shunting service (if offered by the IM or a third party)</p> <p>0022 Terminal service (terminal in the meaning of final destination) RU Request for service at the end of a train (if offered by the IM or a third party)</p> <p>0023 loco driver change RU</p> <p>0024 loco driver break RU legal issue, e.g. to respect working law</p> <p>0025 crew change RU different to loco driver change as for the change of the crew a platform will be needed</p> <p>0026 custom and passport facilities RU</p> <p>0027 Other stop reason (miscellaneous) RU/IM</p> <p>0028 Boarding only RU</p> <p>0029 Disembarking only RU</p> <p>0030 Stop on request RU</p> <p>0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may be used to indicate the train arrival continues before the published arrival time in case of an early arrival</p> <p>0032 Departure after disembarking RU mainly used at the end of train as train may continue as soon as all passengers have disembarked</p> <p>0033 No waiting for connection RU</p> <p>0034 Warning RU Indicates the IM that a track with water access will be needed</p> <p>0035 Heating RU Indicates the IM that a track with heating equipment will be needed</p> <p>0036 Cleaning / disinfecting RU</p> <p>0037 Treatment on plants and live animals RU Warning, Poisoning, Milking</p> <p>0038 Change ventilation Fans, Opening ventilation Fans</p> <p>0039 Treatment of perishable goods RU Checking the temperature, Re-icing, Heating, Checking the areas functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off</p> <p>0039 Administrative operations RU Weighing, Re-forwarding, Submission to phyto-sanitary inspectors</p> <p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo runby / Photo-stop</p> <p>0042 Train Waiting Waiting according to local rules</p> <p>0043 Train running with another train RU Where trains have been established at previous location on the schedule</p> <p>0044 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"</p> <p>0045 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is used from the previous train service.</p> <p>0046 Connecting service to other train</p> <p>0047 Connecting service from other train</p> <p>0048 Inheritance of OTNs belonging to the same transport if no TMSID is present</p> <p>code National / company</p> <p>Examples: Numbers 00 99 may be used by an IM for Network national purposes, just adding ISO country code. C201 Stops from next stop opening day L4501 Stop shorter than 1/2 min T172 Train report stop cancelled</p>
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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>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									
annotation	<p>documentation</p> <p>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99.</p> <p>0001 Commercial stop RU Board/disembark passenger train, load/unload freight train</p> <p>0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train)</p> <p>0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff)</p> <p>0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)</p> <p>0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine)</p> <p>0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver)</p> <p>0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)</p> <p>0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load</p> <p>0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI)</p> <p>0010 attach engine/unit RU Unit not previously in service</p> <p>0011 detach engine/unit RU Unit no longer in service</p> <p>0012 change engine RU</p> <p>0013 attach coach/wagon RU</p> <p>0014 detach coach/wagon RU</p> <p>0015 attach and detach coach/wagon RU</p> <p>0016 attach train Operational Train (in service)</p> <p>0017 split train Operational Train (in service)</p> <p>0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours</p> <p>0019 Mail/parcel services RU</p> <p>0020 shunting RU actual activity of shunting</p> <p>0021 shunting service RU Request for shunting service (if offered by the IM or a third party)</p> <p>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)</p> <p>0023 Loco driver change RU</p> <p>0024 Loco driver break RU legal issue, e.g. to respect working law</p> <p>0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed</p> <p>0026 Custom and passport facilities RU</p> <p>0027 Other stop reason (miscellaneous) RU/IM</p> <p>0028 Boarding only RU</p> <p>0029 Disembarking only RU</p> <p>0030 Stop on request RU</p> <p>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.</p> <p>0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked</p> <p>0033 No waiting for connection RU</p> <p>0034 Watering RU Indicates the IM that a track with water access will be needed.</p> <p>0035 Heating RU Indicates the IM that a track with heating equipment will be needed.</p> <p>0036 Cleaning / disinfecting RU</p> <p>0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps</p> <p>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</p> <p>0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections</p>									

	<p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo run-by / Photo-stop</p> <p>0042 Train Waiting Waiting according to local rules</p> <p>0043 Train running with another train RU Where trains have been attached at a previous location on the schedule</p> <p>0044 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"</p> <p>0045 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service.</p> <p>0046 Connecting service to other train.</p> <p>0047 Connecting service from other train</p> <p>0048 Linkage of OTNs belonging to the same transport if no TrainID is present</p> <p>National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding country code</p> <p>ISO country code</p> <p>CZ01 Stops from new stop opening day</p> <p>UK55 Stop shorter than 1/2 min</p> <p>IT72 Train report stop cancelled</p>
source	<pre><xs:element name="TrainActivityType"> <xs:annotation> <xs:documentation>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver) 0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engineRU 0013 attach coach/wagon RU 0014 detach coach/wagon RU 0015 attach and detach coach/wagon RU 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours 0019 Mail/parcel services RU</pre>

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 only	RU				
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	Connecting service to other train	RU	Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"			
0045	Connecting service from other train	RU	Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service.			
0046	Connecting service to other train.					
0047	Connecting service from other train					
0048	Linkage of OTNs belonging to the same transport if no TrainID is present					
	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			
	IT72		Train report stop cancelled			

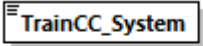
	<pre> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="4"/> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TrainAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay
used by	element TrainForecastAtReportingLocationMessage
annotation	documentation Specifies information about a train at a specific location
source	<pre> <xs:element name="TrainAtLocation"> <xs:annotation> <xs:documentation>Specifies information about a train at a specific location</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="TrainLocationStatus"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="BookedLocationDateTime"/> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainDelay"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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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/3.0																																																																											
type	TrainCC_SystemCode																																																																											
properties	content simple																																																																											
used by	elements PlannedTrainTechnicalData TractionDetails TrainRunningTechData																																																																											
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <tr><td>enumeration</td><td>23</td><td></td></tr> <tr><td>enumeration</td><td>24</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24	
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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>LocoIdent Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train 0..∞</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 Wagon relevant data for the wagons within a running train 0..∞</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>JourneySection TrainRunningData LocoIdent 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"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:sequence> </xs:complexType> </xs:element></pre>

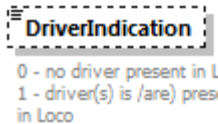
is	<pre> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <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"/> <xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainCompositionJourneySection/LocoIdent**

<p>diagram</p>	<p>TractionType 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> <p>LocoTypeNumber Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, next can identify the exact individual locomotive</p> <p>LocoNumber Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p> <p>TractionMode 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 11 Train traction 1st traction unit in the group 21 Intermediate traction 1st traction unit in the group 31 Banking locomotive 1st traction unit in the group 41 Banking locomotive not coupled 1st traction unit in the group 51 No Leading Engine 1st traction unit in the group 12 Train traction 2nd traction unit in the group 22 Intermediate traction 2nd traction unit in the group 32 Banking locomotive 2nd traction unit in the group 42 Banking locomotive not coupled 2nd traction unit in the group 52 No Leading Engine 2nd traction unit in the group 13 Train traction 3rd traction unit in the group 23 Intermediate traction 3rd traction unit in the group 33 Banking locomotive 3rd traction unit in the group 43 Banking locomotive not coupled 3rd traction unit in the group 53 No Leading Engine 3rd traction unit in the group 14 Train traction 4th traction unit in the group 24 Intermediate traction 4th traction unit in the group 34 Banking locomotive 4th traction unit in the group 44 Banking locomotive not coupled 4th traction unit in the group 54 No Leading Engine 4th traction unit in the group 15 Train traction 5th traction unit in the group 25 Intermediate traction 5th traction unit in the group 35 Banking locomotive 5th traction unit in the group 45 Banking locomotive not coupled 5th traction unit in the group 55 No Leading Engine 5th traction unit in the group 16 Train traction 6th traction unit in the group 26 Intermediate traction 6th traction unit in the group 36 Banking locomotive 6th traction unit in the group 46 Banking locomotive not coupled 6th traction unit in the group 56 No Leading Engine 6th traction unit in the group</p> <p>DriverIndication 0 - no driver present in Loco. 1 - driver(s) is (are) present in Loco</p> <p>TractionPositionInTrain Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p> <p>LocoIdent 0..∞ Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

properties	minOcc 0 maxOcc unbounded content complex
children	TractionType LocoTypeNumber LocoNumber TractionMode 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="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" 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/LocoIdent/DriverIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	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> </pre>

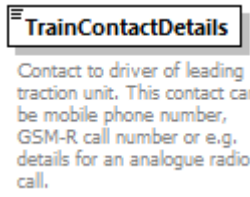
	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **TrainCompositionMessage**

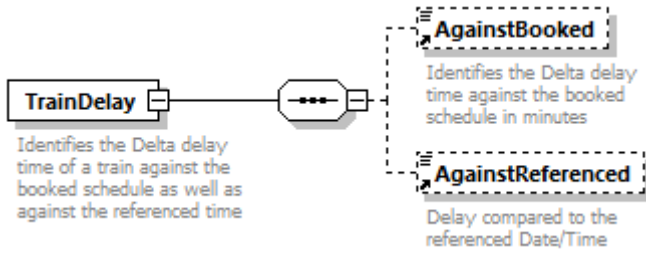
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainCompositionJourneySection
annotation	documentation This message 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:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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>
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element **TrainContactDetails**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex

children	AgainstBooked AgainstReferenced
used by	elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus
annotation	documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time
source	<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>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereeIM</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:element ref="TransferPoint" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<code><xs:element </xs:sequence> </xs:complexType> </xs:element></code>	<code>ref="TransfereeIM"</code>	<code>minOccurs="0"/></code>
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element **TrainForecastAtReportingLocationMessage**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
properties	content complex		
children	MessageHeader MessageStatus Location TrainAtLocation		
annotation	<p>documentation</p> <p>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>		
source	<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**

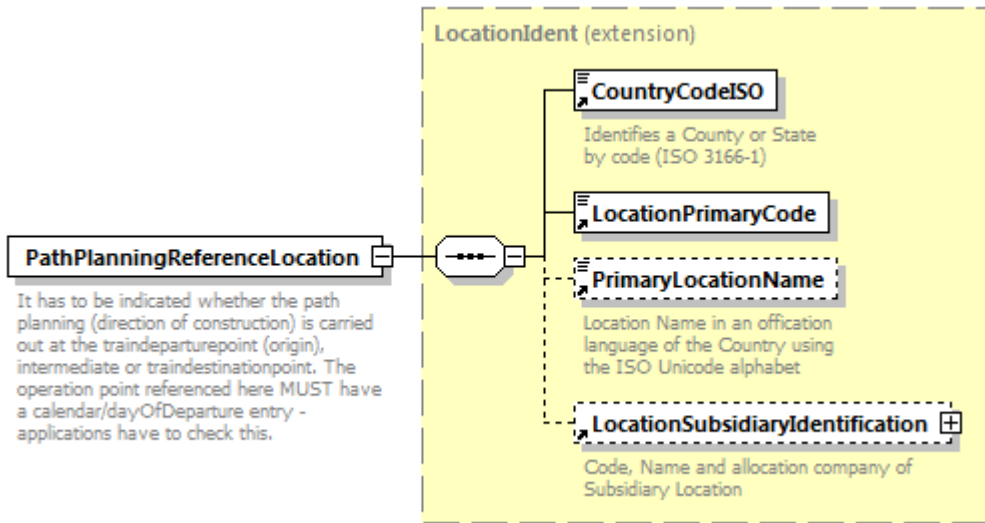
<p>diagram</p>	<p>CompositIdentifierOperationalType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR) Company: Identifies a railway company (RU or IM) Core: It 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: 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/3.0</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/3.0</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 have </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<p>to check this.</xs:documentation></p> <pre> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>	
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element **TrainInformation/PathPlanningReferenceLocation**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
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>The diagram shows a container element TrainJourneyModification with the description: "This element shows which locations are changed during the running of a train". Inside this container, there are two child elements: TrainJourneyModificationIndicator (described as "This indicates what has changed in the train running e.g. rerouting, cancellation etc..") and LocationModified (described as "This element shows the Location that has been changed for the train run") with a cardinality of 1..∞.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>The diagram shows the element TrainJourneyModificationIndicator with the description: "This indicates what has changed in the train running e.g. rerouting, cancellation etc..".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

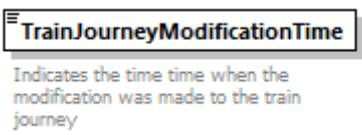
	<pre>e.g. rerouting, cancellation etc..</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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element **TrainJourneyModificationMessage**

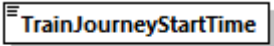
<p>diagram</p>	<p>MessageHeader +</p> <p>Used for all messages</p> <p>MessageStatus</p> <p>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion</p> <p>TrainOperationalIdentification +</p> <p>OperationalTrainNumberIdentifier +</p> <p>ReferenceOTN +</p> <p>TrainJourneyModification +</p> <p>1..∞</p> <p>This element shows which locations are changed during the running of a train</p> <p>ModificationReason</p> <p>Identifies the reason for the train journey being modified</p> <p>TrainJourneyModificationTime</p> <p>Indicates the time time when the modification was made to the train journey</p> <p>Remarks</p> <p>0..∞</p> <p>Free Form Text</p> <p>TransferPoint +</p> <p>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to</p> <p>InternalReferenceIdentifier</p> <p>The link to the IM System Reference</p> <p>TransfereeIM</p> <p>Next IM</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereeIM</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"> <xs:annotation></p>

	<pre> <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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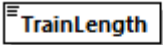
element **TrainJourneyModificationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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**

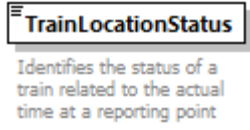
diagram	 <p>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	Numeric4-4									
properties	content simple									
used by	elements PlannedTrainTechnicalData 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**

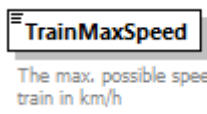
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay</p>
<p>used by</p>	<p>elements TrainRunningForecastMessage 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:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="TrainDelay" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre></xs:complexType> </xs:element></pre>
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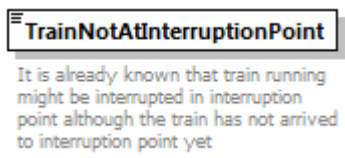
element **TrainLocationStatus**

diagram																																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																																																															
type	RunningStatus																																																															
properties	content simple																																																															
used by	elements ChangeofTrackMessage DelayEventReport LocationModified TrainAtLocation TrainLocationReport																																																															
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></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19	
Kind	Value	Annotation																																																														
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enumeration	19																																																															
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/3.0									
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**

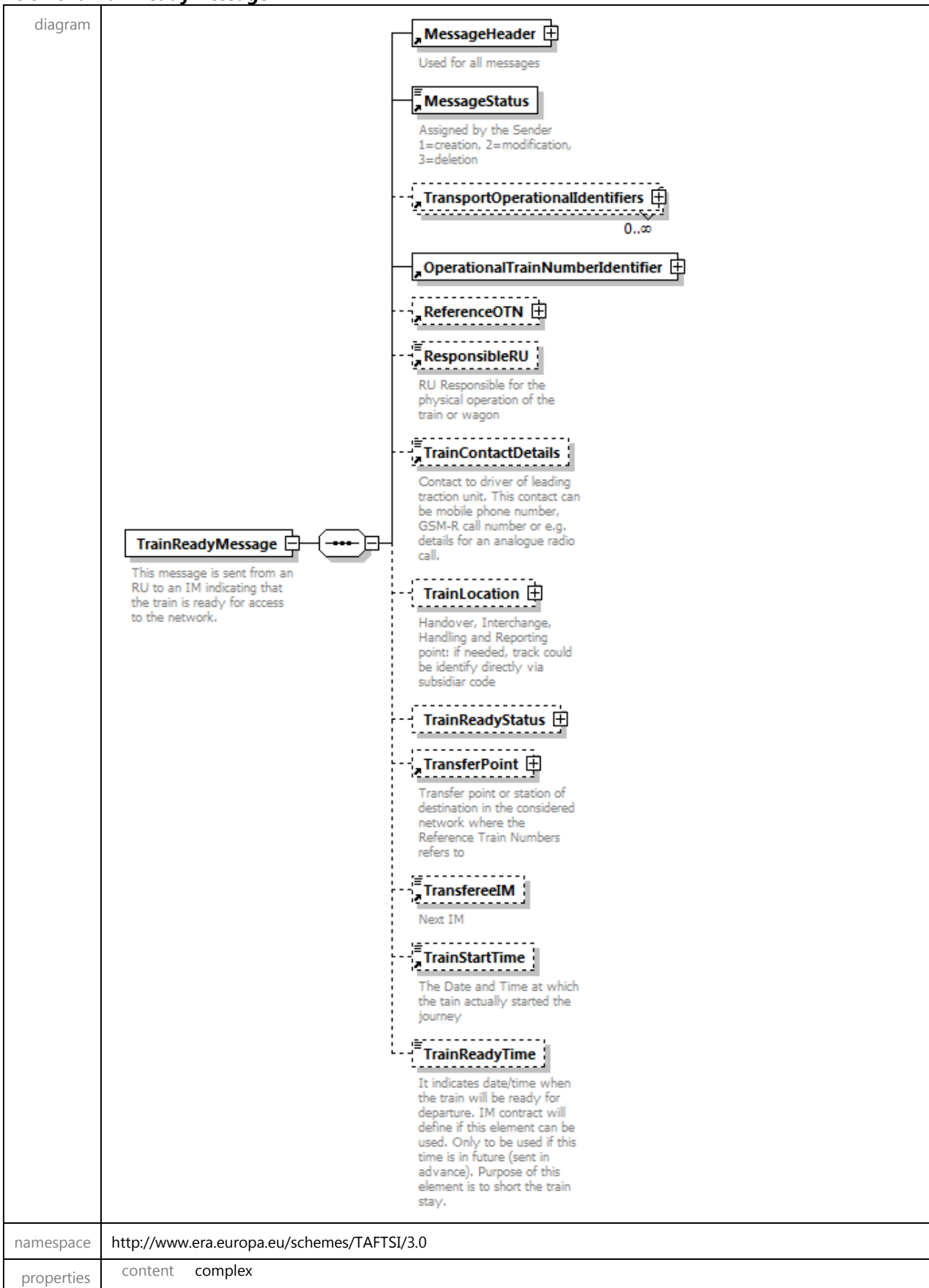
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningInterruptionMessage									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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"> <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></pre>									

	<code></xs:element></code>
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element **TrainOperationalIdentification**

diagram	<p>The diagram shows a class TrainOperationalIdentification containing two elements: TransportOperationalIdentifiers (multiplicity 1..∞) and RelatedTransportOperationalIdentifiers (multiplicity 0..∞). Annotations for both elements state: "according to the new identifier structure, ObjectType has to be used to differ between train and path id".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**



children	<p>MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime</p>
annotation	<p>documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.</p>
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 ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <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:element ref="TrainStartTime" minOccurs="0"/> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> </pre>

	<pre> <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	<p>The diagram illustrates the structure of the TrainLocation element. It is a complex type that inherits from the LocationIdent base type. LocationIdent is composed of 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 TrainLocation element is described as: Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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**

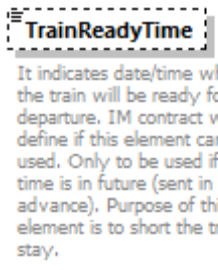
diagram	<p>The diagram shows a complex type TrainReadyStatus (dashed box) containing three elements: TrainReady (solid box), TrainDelay (dashed box), and DelayCause (dashed box). TrainReady has an annotation: 0=Not Ready 1=Ready. TrainDelay has an annotation: Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time. DelayCause has an annotation: This element identifies the reason for a delay (modified DelayReason).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 1 content complex
children	TrainReady TrainDelay DelayCause
source	<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 ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

diagram	<p>The diagram shows a simple type TrainReady (solid box) with an annotation: 0=Not Ready 1=Ready.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>
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element **TrainReadyMessage/TrainReadyTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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: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>

element **TrainReadyStatus/TrainReady**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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"> </pre>									

	<pre> <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**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities
used by	element TrainCompositionJourneySection
annotation	documentation Train relevant data for a running train
source	<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:sequence> </xs:complexType> </xs:element> </pre>

```

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

element **TrainRunningData/Activities**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0

type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<code><xs:element name="ActivityLocationIdent" type="LocationIdent"/></code>

element **TrainRunningForecastMessage**

diagram	<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 (+): (Dashed box) OperationalTrainNumberIdentifier (+): (Dashed box) ReferenceOTN (+): (Dashed box) ResponsibleRU (+): (Dashed box) RU Responsible for the physical operation of the train or wagon TrainLocationReport (+): (Dashed box) 1..∞ Specifies the relevant running data of a train related to a specific location TransferPoint (+): (Dashed box) Transfer point or station of destination in the considered network TransfereeIM (+): (Dashed box) Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	<p>documentation</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>
source	<code><xs:element name="TrainRunningForecastMessage" > <xs:annotation > <xs:documentation>This message is issued from the IM to the neighbouring</code>

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</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>

```

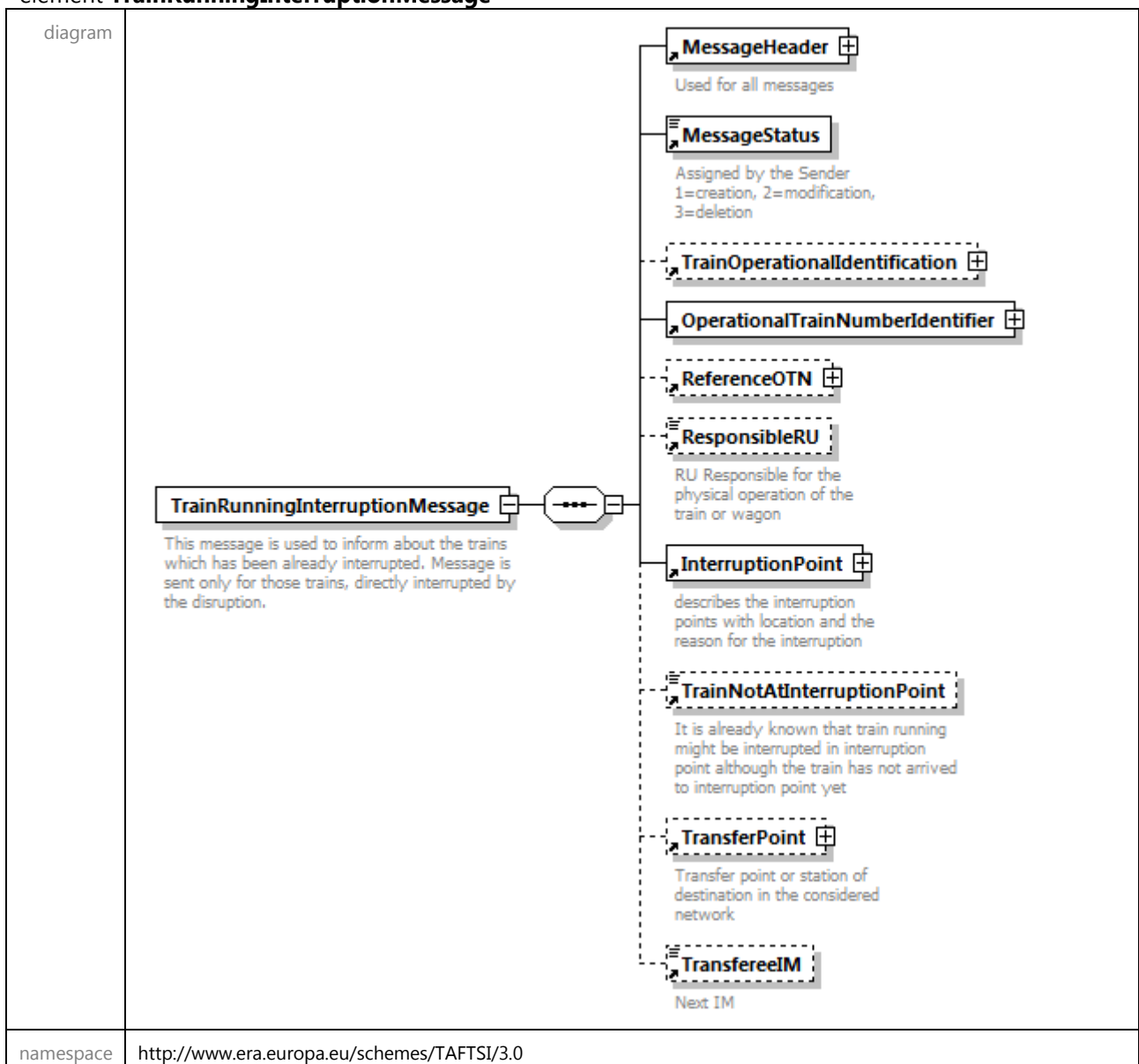

element **TrainRunningInformationMessage**

<p>diagram</p>	<p>TrainRunningInformationMessage</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> <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 TransferPoint: Transfer point or station of destination in the considered network TransfereeIM: Next IM
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM</p>
<p>annotation</p>	<p>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.</p>
<p>source</p>	<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"/></pre>

```

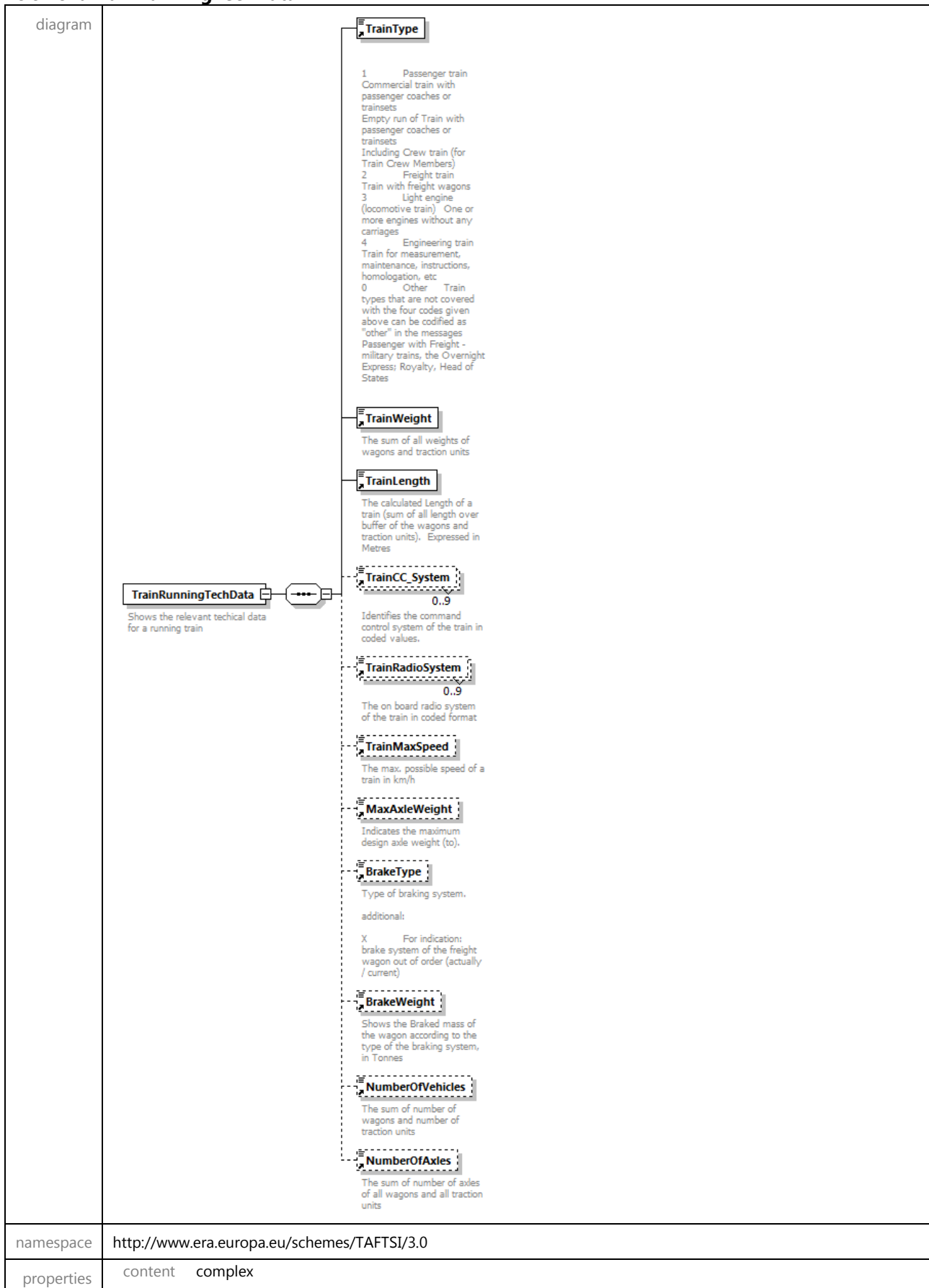
<xs:annotation>
  <xs:documentation>Assigned by the Sender 1=Creation,
2=Modification, 3=deletion </xs:documentation>
</xs:annotation>
</xs:element>
<xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
<xs:element ref="OperationalTrainNumberIdentifier"/>
<xs:element ref="ReferenceOTN" minOccurs="0"/>
<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>
    
```

element **TrainRunningInterruptionMessage**




properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainNotAtInterruptionPoint TransferPoint TransfereeIM
annotation	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.
source	<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:element ref="InterruptionPoint"/> <xs:element ref="TrainNotAtInterruptionPoint" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningTechData**

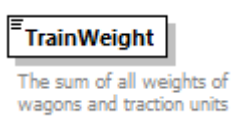


children	TrainType TrainWeight TrainLength TrainCC_System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakeWeight NumberOfVehicles NumberOfAxles
used by	element TrainRunningData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="TrainRunningTechData"> <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="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

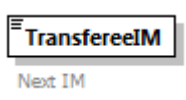
element **TrainStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0									
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/3.0												
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**

diagram	<p>The diagram shows a class TransferPoint with the description "Transfer point or station of destination in the considered network". It is connected to a class LocationIdent, which is highlighted in a yellow dashed box. LocationIdent contains four sub-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/3.0
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
annotation	documentation Transfer point or station of destination in the considered network
source	<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**

diagram	<p>The diagram shows a class TransportInstruction with the description "Special instructions regarding the transportation of the wagon or shipment in free text".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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 transportation of the wagon or shipment in free text									
source	<pre><xs:element name="TransportInstruction" type="FreeText"></pre>									

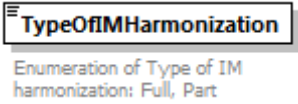
	<pre> <xs:annotation> <xs:documentation>Special instructions regarding the transportation of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element> </pre>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

element **TransportOperationalIdentifiers**

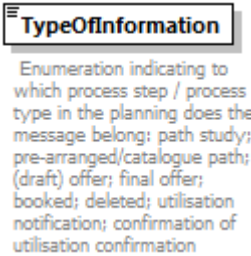
diagram	<p>The diagram illustrates the structure of the TransportOperationalIdentifiers element. It is an extension of the CompositIdentifierOperationalType. The extension includes the following elements:</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR) 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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

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

element **TypeOfIMHarmonization**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	TypeOfIMHarmonizationCode									
properties	content simple									
used by	elements PathDetailsMessage PathRequestMessage									
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:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element></pre>									

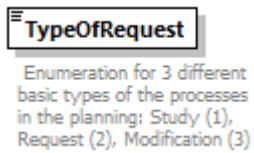
element **TypeOfInformation**

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																					
type	TypeOfInformationCode																					
properties	content simple																					
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage																					
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</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
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																				

	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
	enumeration	40	Path canceled partial documentation
	enumeration	42	Fully Assembled Path (FAP, constructed path) documentation
	enumeration	43	Preparation of draft offer – accepted documentation

	<p>enumeration 44 Preparation of draft offer – rejected documentation Draft offer rejected</p> <p>enumeration 45 documentation Draft no alternative available</p> <p>enumeration 50 documentation activate path (utilisation notification)</p> <p>enumeration 51 documentation deactivate path (utilisation notification)</p> <p>enumeration 52 documentation confirmation of utilisation notification</p> <p>enumeration 53 documentation Path and train cancelled</p>
annotation	<p>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</p>
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/3.0																		
type	TypeOfRequestCode																		
properties	content simple																		
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage																		
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> <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> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation																	
minInclusive	1																		
maxInclusive	9																		
enumeration	1																		
enumeration	2																		
enumeration	3																		
annotation	<p>documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p>																		
source	<pre><xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the processes 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/3.0												
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/3.0
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"</pre>

<pre> type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element 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/3.0		
type	type7161CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	3	
	enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation
	enumeration	3	1 documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation
	enumeration	4	0 documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation
	enumeration	5	0 documentation Breakfast documentation Breakfast documentation
	enumeration	6	0 documentation Dinner documentation Dinner documentation
	enumeration	7	0 documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation
	enumeration	8	0 documentation

		Lunch documentation
enumeration	9	Lunch documentation 0 documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0 documentation
enumeration	11	Child documentation Services for children documentation 0
enumeration	21	Cold buffet documentation Cold buffet service documentation 0
enumeration	22	Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
enumeration	23	Hot buffet documentation Hot buffet service documentation 0
enumeration	24	Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
enumeration	25	Trolley documentation Trolley service (beverage and food cart) documentation 0
enumeration	26	Snack documentation Snack documentation 0
enumeration	27	Disabled documentation Services for disabled persons documentation 0
enumeration	28	Movies documentation Movies documentation

	enumeration	29	0 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

	<p>Self service meals documentation 0</p> <p>enumeration 40 documentation Overnight stay documentation Overnight stay possible on board documentation 0</p> <p>enumeration 41 documentation Luggage transport documentation Luggage transport offered documentation 0</p> <p>enumeration 42 documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0</p> <p>enumeration 43 documentation Music documentation Music documentation 0</p> <p>enumeration 44 documentation Check-in documentation Time at which the traveller checks in documentation 0</p> <p>enumeration 45 documentation Check-out documentation Time at which the traveller checks out documentation 0</p> <p>enumeration 46 documentation Free WiFi on board documentation Free WiFi service on board available documentation 0</p> <p>enumeration 47 documentation WiFi on board documentation 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	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	type9039CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	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 0
	enumeration	8	documentation Sleeperette
			documentation Sleeperette or reclining seat
			documentation 0
	enumeration	9	documentation Restaurant
			documentation Restaurant facility
			documentation

	enumeration	11	0 documentation First-class sleeper, single documentation First-class sleeper, single documentation 0
	enumeration	12	documentation First-class sleeper, special documentation First-class sleeper, special documentation 0
	enumeration	13	documentation First-class sleeper, double documentation First-class sleeper, double documentation 0
	enumeration	14	documentation Vehicle transport documentation Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation 0
	enumeration	15	documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation 0
	enumeration	16	documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation 0
	enumeration	17	documentation Second-class sleeper T4 documentation Second-class sleeper, T4 (four-bed compartment) documentation 0
	enumeration	18	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

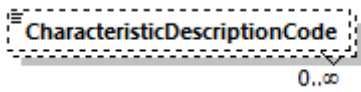
			Heavily disabled documentation
			Facilities for heavily disabled persons available documentation
	enumeration	24	0 documentation
			Baby room documentation
			Baby care facilities available documentation
	enumeration	26	0 documentation
			Bicycle transport documentation
			Facility for bicycle transport available documentation
	enumeration	28	0 documentation
			Wheelchair access documentation
			Access for wheelchairs possible documentation
	enumeration	33	0 documentation
			Video coach documentation
			Video coach available documentation
	enumeration	34	0 documentation
			Mini-bar documentation
			Mini-bar available documentation
	enumeration	36	0 documentation
			Panorama coach documentation
			Panorama coach available documentation
	enumeration	44	0 documentation
			Telephone documentation
			Telephone service is available documentation
	enumeration	45	0 documentation
			Power supply documentation
			Service provides power supply sockets documentation
	enumeration	46	0 documentation
			Pullmann coach documentation
			Pullman car seats documentation
	enumeration	47	0 documentation
			Bar documentation
			A bar is available documentation

	enumeration	48	0 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 First-class sleeper, double shower, WC documentation First-class sleeper, double with shower and WC documentation RENFE documentation 0
	enumeration	59	documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation 0
	enumeration	60	documentation Second class sleeper double documentation Second class sleeper for two documentation

	enumeration	61	0 documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation 0
	enumeration	62	documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation 0
	enumeration	63	documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation 0
	enumeration	64	documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation 0
	enumeration	65	documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation 0
	enumeration	66	documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation 0
	enumeration	67	documentation Business class documentation First class documentation Trenitalia 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

	<p>Unified class documentation For services with no class differentiation. A service with only one class documentation UIC documentation 0</p> <p>enumeration 71 documentation Medical-grade masks documentation Medical-grade masks must be worn documentation 1</p> <p>enumeration 72 documentation Mask obligation according to legal regulation documentation Mask obligation according to legal regulation documentation 1</p> <p>enumeration 101 documentation Metro connection documentation Metro, subway, underground connection documentation Only used in TSDUPD documentation 0</p> <p>enumeration 102 documentation Taxi connection documentation Taxi connection documentation Only used in TSDUPD documentation 0</p> <p>enumeration 103 documentation Bus connection documentation Bus connections available documentation Used only in TSDUPD documentation 0</p> <p>enumeration 104 documentation Tram connection documentation Tram connections available documentation Used only in TSDUPD documentation 0</p> <p>enumeration 105 documentation 2nd Class couchette five beds C5 documentation 2nd Class couchette five beds C5 documentation DB Nachtzug documentation 0</p>
source	<pre><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **TypeofService/CharacteristicDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	type7037CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	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 Reservation compulsory from origin station documentation 0
enumeration	22	documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0
enumeration	23	documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0
enumeration	24	documentation Not available documentation The product is not available documentation 0
enumeration	25	documentation Non-bookable documentation The product is not bookable documentation 0
enumeration	26	documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0
enumeration	27	documentation Bookable through a national reservation system documentation Bookable through a national reservation system

	<p>documentation 0 enumeration 28 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/3.0</p>									
type	<p>CountryIdentISO</p>									
properties	<p>content simple</p>									
used by	<p>element ITU Details</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 Country of Ultimate Destination</p>									
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							
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>						
type	<p>restriction of xs:string</p>						
properties	<p>content simple</p>						
used by	<p>element SummaryOfGoodsWithSameRID</p>						
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> </tbody> </table>	Kind	Value	Annotation	length	4	
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**

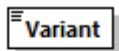
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	StartDateTime EndDateTime
used by	elements PlannedCalendar ReferenceTrainIDSubCalendar RequestedCalendar
source	<pre> <xs:element name="ValidityPeriod"> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Value**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	 <p>The variant shows a relationship between two identifiers referring to the same business case</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
type	restriction of xs:string												
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>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	<p>documentation</p> <p>The variant shows a relationship between two identifiers referring to the same business case</p>												
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/3.0
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**

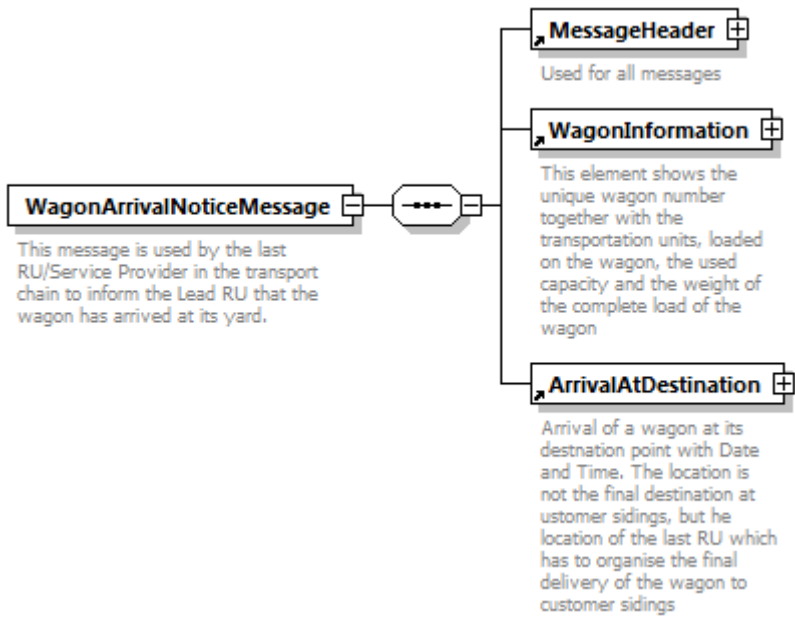
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	Name
properties	content simple
used by	element VesselIndication
facets	Kind Value Annotation maxLength 254
annotation	documentation This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea
source	<pre> <xs:element name="VesselName" type="Name"> </pre>

	<pre> <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>
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element **Volume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
properties	content complex
children	MessageHeader WagonInformation ArrivalAtDestination

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 arrived at its yard.
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**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonDepartureNoticeMessage
annotation	documentation Departure point of a wagon with location and departure time
source	<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>

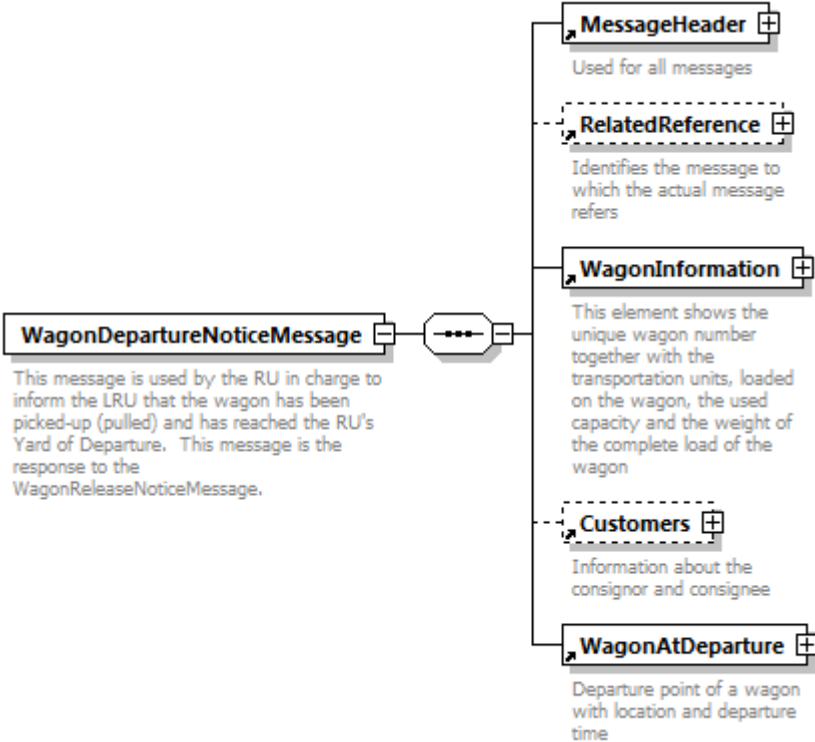
element **WagonData**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData</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:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDeliveryNoticeMessage**

<p>diagram</p>	<p>WagonDeliveryNoticeMessage 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...</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 DeliveryAtDestination Place, Date and Time when the wagon is ready to be picked up by the customer Customers Information about the consignor and consignee
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader WagonInformation DeliveryAtDestination Customers</p>
<p>annotation</p>	<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 been placed at the consignee's siding.</p>
<p>source</p>	<pre><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> <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></pre>

element **WagonDepartureNoticeMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader RelatedReference WagonInformation Customers WagonAtDeparture</p>
<p>annotation</p>	<p>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.</p>
<p>source</p>	<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"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> <xs:element ref="WagonAtDeparture"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonDeviationMessage**

<p>diagram</p>	<p>WagonDeviationMessage 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> <ul style="list-style-type: none"> MessageHeader: Used for all messages RelatedReference: Identifies the message to which the actual message refers WagonNumberFreight: Identifies uniquely the freight wagon by its number ActualETI: Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point WagonExceptionReport: Specifies the exceptions of a wagon related to a specific location
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>WagonETI_ETA_Message</p> <p>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> <ul style="list-style-type: none"> MessageHeader: Used for all messages RelatedReference: Identifies the message to which the actual message refers 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 ArrivalInterchangeReport: The arrival or interchange station where ETI end DepartureInterchangeReport: Departure or interchange station ETI Origin
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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**


diagram	<p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>Identifies a Location using a LocationIdent</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	content complex
children	WagonEvent EventDateTime Location
used by	element WIMO Dataset/EventLevelData
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages
source	<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**

diagram	<p>restriction of xs:token</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:token
properties	content simple

facets	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/3.0
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EventDateTime" type="xs:dateTime"/></pre>

element **WagonExceptionMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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/3.0</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**

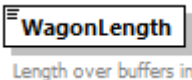
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>ExceptionPoint ExceptionReason</p>
<p>used by</p>	<p>elements WagonDeviationMessage WagonExceptionMessage WagonExceptionReasonMessage</p>
<p>annotation</p>	<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**

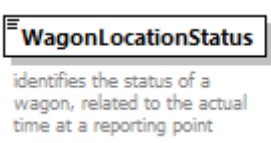
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

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>

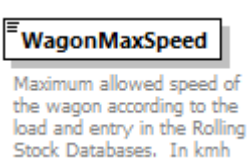
element **WagonLength**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	 <p>identifies the status of a wagon, related to the actual time at a reporting point</p>																																																															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																																																															
type	RunningStatus																																																															
properties	content simple																																																															
used by	element ExceptionPoint																																																															
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></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19	
Kind	Value	Annotation																																																														
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enumeration	19																																																															
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	 <p>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

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**

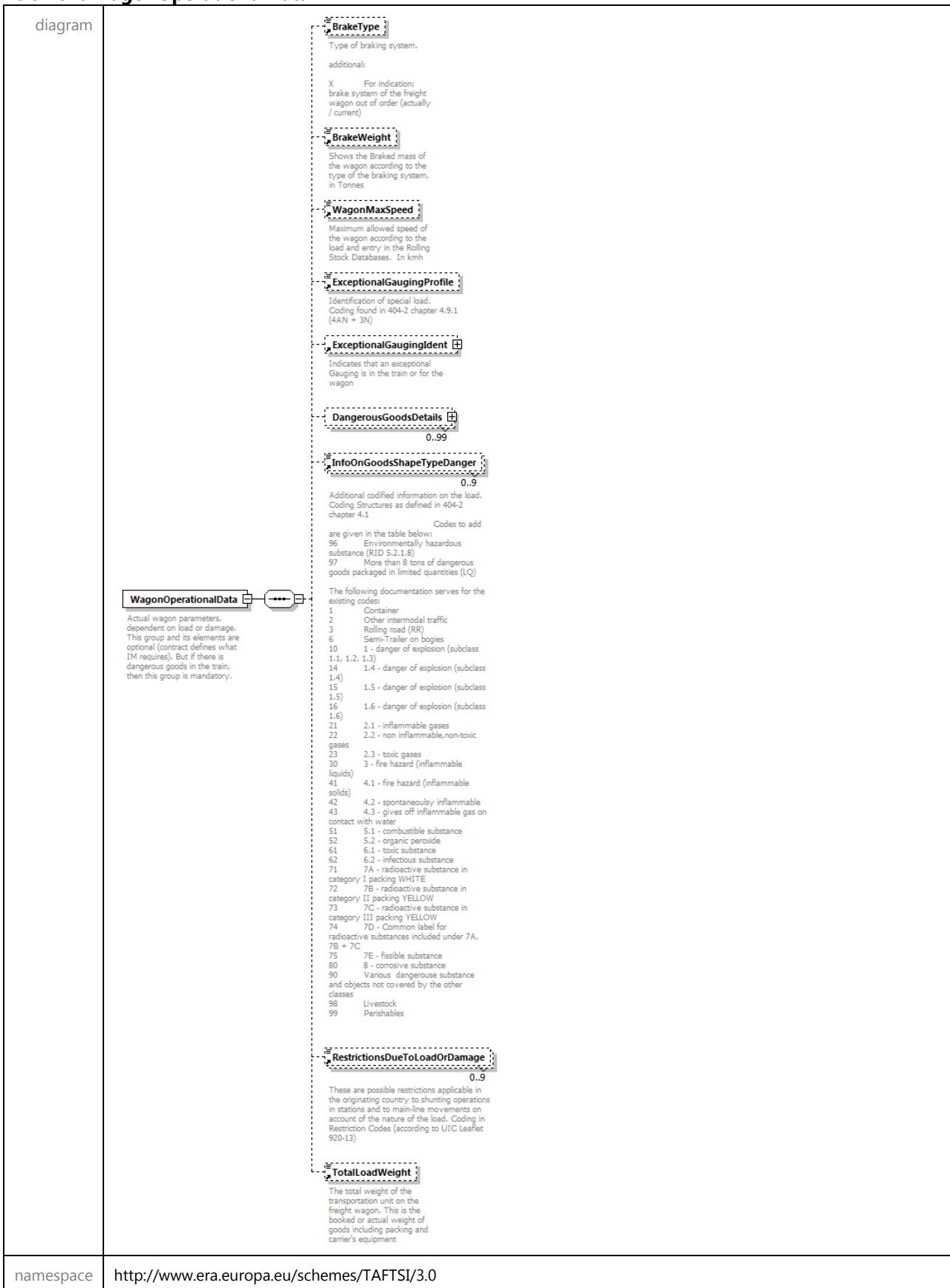
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	WagonIdent									
properties	content simple									
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData 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> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element></pre>									

element **WagonNumberOfAxles**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**



properties	content complex
children	BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsDetails InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight
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 name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <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 **WagonOperationalData/DangerousGoodsDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 99 content complex
children	DangerousGoodsIndication WeightOfDangerousGoods
source	<pre> <xs:element name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonOperationalData/DangerousGoodsDetails/WeightOfDangerousGoods**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		totalDigits	6	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
totalDigits	6												
annotation	documentation Requested by RID specification, weight in kilograms												
source	<pre> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> </pre>												

	<pre> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **WagonPickupAtOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonReleaseNoticeMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>MessageHeader WagonInformation Customers WagonPickupAtOrigin</p>
<p>annotation</p>	<p>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.</p>
<p>source</p>	<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/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>WagonNumberFreight WagonDetails SummaryOfGoodsWithSameRID LoadingTackles Goods ITU RollingRoadUnit</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 </pre>

```

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="500"/>
            <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:element name="ExceptionalConsignment" minOccurs="0"

```

<p>maxOccurs="10"></p> <p>Consignment</xs:documentation></p> <p>exceptional</p> <p>chapter</p>	<pre> <xs:annotation> <xs:documentation>Exceptional </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the 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="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to 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 ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> <xs:choice> <xs:sequence> <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/> <xs:element ref="Goods" maxOccurs="99"/> </xs:sequence> <xs:element ref="ITU" maxOccurs="25"/> <xs:element ref="RollingRoadUnit" maxOccurs="5"/> </xs:choice> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
---------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

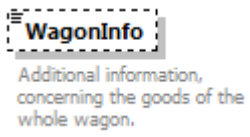
element **Wagons/WagonDetails**

<p>diagram</p>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> WagonDetails <small>Details for the specific wagon</small> </div> <ul style="list-style-type: none"> <li style="margin-bottom: 10px;"> LoadingStatus <small>Loading status of the equipment. 0=Empty, 1=Loaded</small> <li style="margin-bottom: 10px;"> WagonInfo <small>Additional information, concerning the goods of the whole wagon.</small> <li style="margin-bottom: 10px;"> WagonTypeDetails <small>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</small> <li style="margin-bottom: 10px;"> TotalWeight <small>Total weight of the loaded wagon [kg].</small> <li style="margin-bottom: 10px;"> LoadLimit <small>Load limit from table of load limits in [t].</small> <li style="margin-bottom: 10px;"> Seals <small>Describes the seals used for the consignment</small> <li style="margin-bottom: 10px;"> Ship <small>Additional information for transports, which shall be handed over to a ship.</small> <li style="margin-bottom: 10px;"> DeliveryReference <li style="margin-bottom: 10px;"> OriginCountry <small>Code of origin country of the UTI.</small> <li style="margin-bottom: 10px;"> ExceptionalConsignment <small>0..10</small> <small>Exceptional Consignment</small> <li style="margin-bottom: 10px;"> ShuntingModalLabel <small>Shunting modal label according to chapter 5.3.4 RID</small> <li style="margin-bottom: 10px;"> ReferenceNumbers <small>This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!</small> </div>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference</p>

OriginCountry ExceptionalConsignment ShuntingModalLabel ReferenceNumbers	
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="500"/> <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 </pre>

	<pre> 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: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="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 ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **Wagons/WagonDetails/WagonInfo**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>500</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	500	
Kind	Value	Annotation								
minLength	1									
maxLength	500									
annotation	<p>documentation</p> <p>Additional information, concerning the goods of the whole wagon.</p>									
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" value="500"/> <xs:restriction value="1"/> </xs:simpleType> </xs:element></pre>									

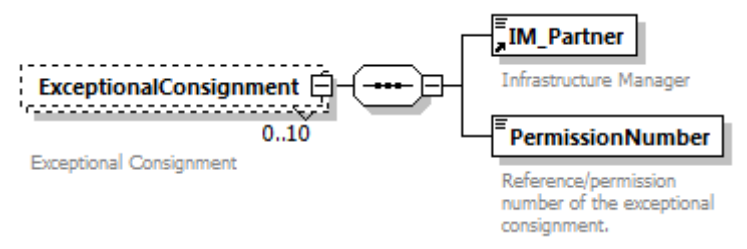
element **Wagons/WagonDetails/WagonTypeDetails**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0						
properties	<table border="1"> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	WagonWeightEmpty WagonNumberOfAxles WagonLength						
annotation	<p>documentation</p> <p>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</p>						
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**

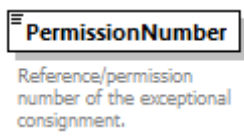
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 4
annotation	documentation Load limit from table of load limits in [t].
source	<pre> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [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**

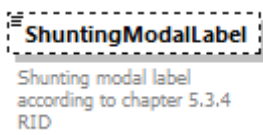
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
properties	minOcc 0 maxOcc 10 content complex
children	IM Partner PermissionNumber
annotation	documentation Exceptional Consignment
source	<pre> <xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> </pre>

	<pre> <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>
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element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

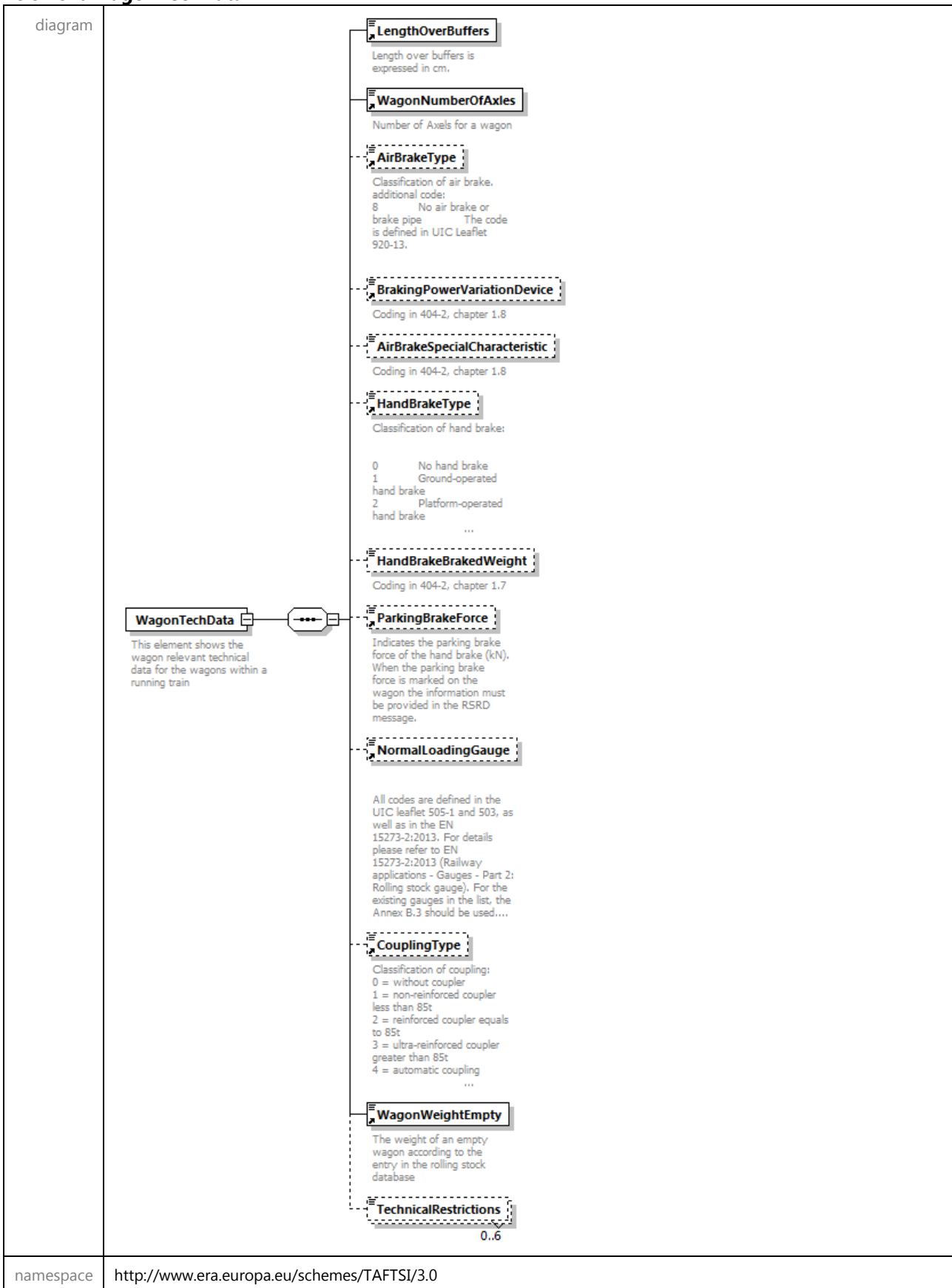
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:string									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <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/ShuntingModalLabel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:token


properties	minOcc 0 maxOcc 1 content simple
facets	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 **WagonTechData**

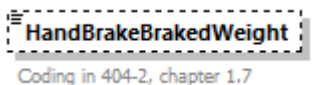


properties	content complex
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions
used by	element WagonData
annotation	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>

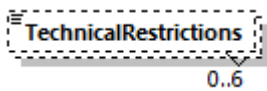
element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	 Coding in 404-2, chapter 1.8
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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>

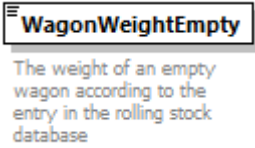
element **WagonTechData/TechnicalRestrictions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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>

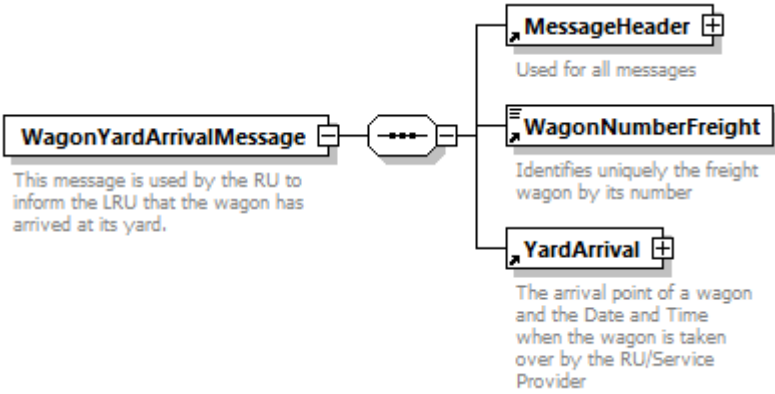
element **WagonTrainPosition**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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" value="1"/> <xs:restriction value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonWeightEmpty**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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/3.0
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> <xs:sequence></pre>

	<pre> <xs:element <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>		<pre> ref="MessageHeader"/> ref="WagonNumberFreight"/> ref="YardArrival"/> </pre>
--	--------------------------------------------------------------------------------------------------------------------------------------------------	--	------------------------------------------------------------------------------------------------------------

element **WagonYardDepartureMessage**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
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/3.0		
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>									

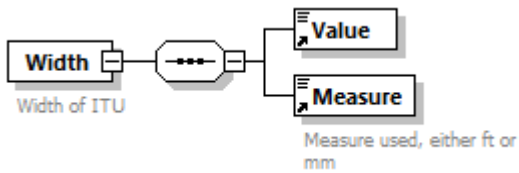
element **WheelDiameter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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**

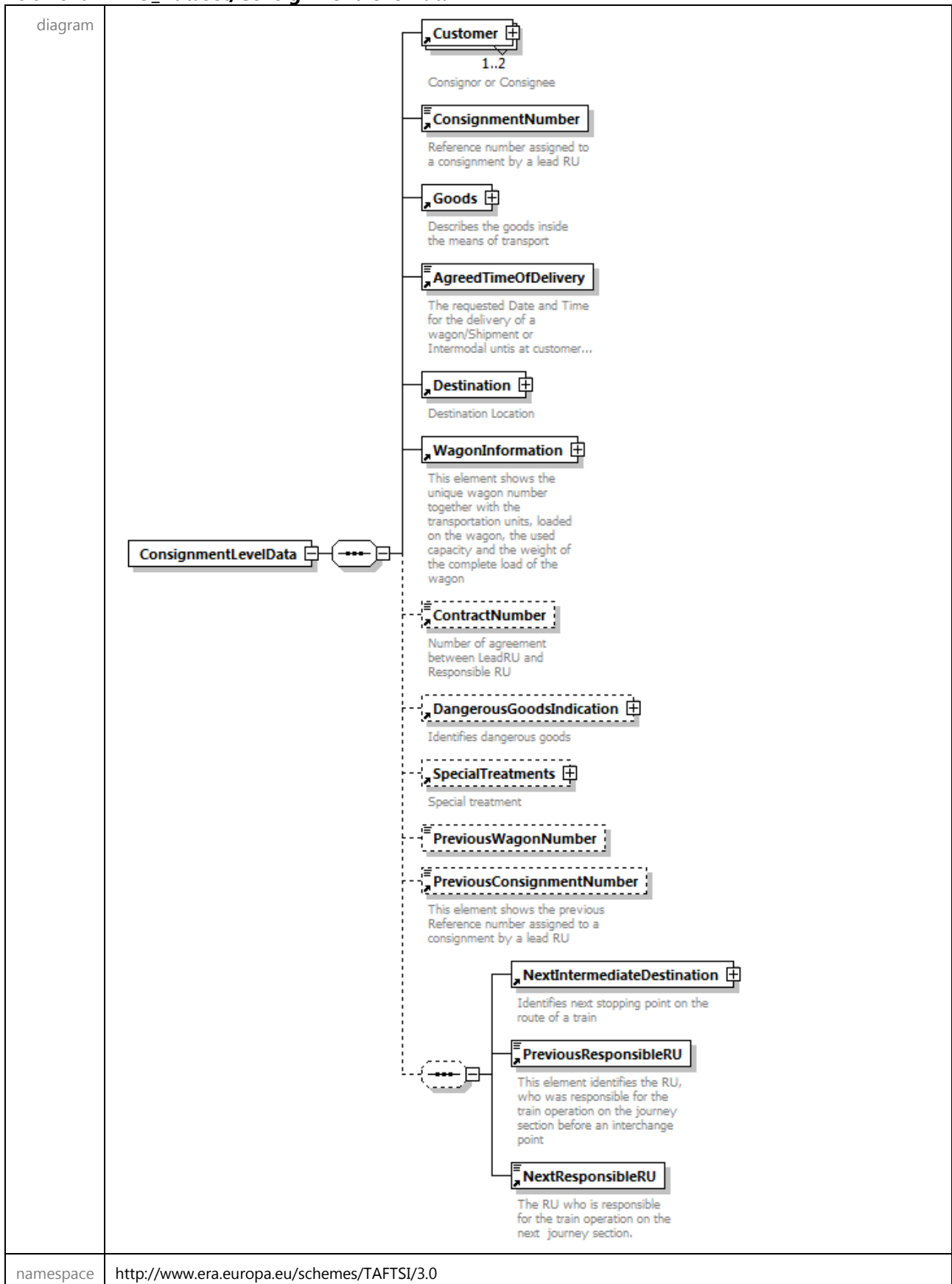
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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/3.0
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> <xs:complexType> </pre>

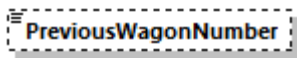

```
<xs:element ref="WagonEventInformation"/>
<xs:element ref="VesselIndication" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="RollingStockDataset"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

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/3.0									
type	WagonIdent									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> <xs:extension base="FreeText"/> </xs:simpleContent> </xs:complexType> </pre>									

	<pre></xs:simpleContent> </xs:complexType></pre>
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complexType **CompositIdentifierOperationalType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate"/> </xs:sequence> </xs:complexType></pre>

	<pre> <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>
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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) and Path Request (PR) 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/3.0
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"/> </pre>

	<pre> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
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complexType **ConsignmentIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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 base="xs:string"/> </xs:complexType> </pre>

complexType **CustomerCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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:sequence> </xs:complexType> </pre>

	<pre> <xs:element name="PrimaryCode" type="String1-14"/> <xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
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element **CustomerCode/PrimaryCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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/3.0									
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>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>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). 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-Flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids , self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances 5.2 Organic peroxides 6.1 Toxic substances 6.2 Infectious substances 7A Radioactive material, category I 7B Radioactive material, category II 7C Radioactive material, category III 7D (obsolete) should be used for general information about class 7 7E Fissile radioactive material 8 Corrosive substances 9 Miscellaneous dangerous substances and articles ...</p> <p>RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</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". I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4 II Medium danger III Low danger</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>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</p> <p>DanGoodsType This element indicates the type of a dangerous load</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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: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: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:sequence> </xs:complexType> </pre>

	<pre> </xs:annotation> </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> </pre>
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element **DanGoodsType/HazardIdentificationNumber**

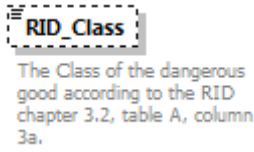
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 4
source	<pre> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **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/3.0
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	<p>documentation</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>									
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>									

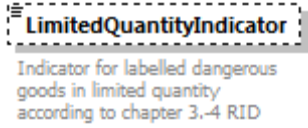
element **DanGoodsType/RID_Class**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>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>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>									
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 **DanGoodsType/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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/3.0
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:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType> </pre>

complexType **LocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	<p>elements</p> <p>TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint EndLocation AffectedSection/EndOfSection IntermediateDestination JourneySection/JourneySectionDestination JourneySection/JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint</p>

annotation	documentation Indication of the Railway or Customer Location
source	<pre> <xs:complexType name="LocationIdent"> <xs:annotation> <xs:documentation>Indication of the Railway or Customer 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> </pre>

complexType **TrainActivityType**

<p>diagram</p> 	<p>TrainActivityType</p> <p>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 characters will be the ISO country code, followed by 00-99.</p> <p>0001 Commercial stop RU1 Board/unboard passenger train, load/unload freight train 0002 Operational stop (M) Stops needed by the TM (e.g. overpassing by another train) 0003 Service stop RU1(M) Stops which are used for noncommercial activities (e.g. boarding of staff) 0004 System stop RU1(M) allowing the RU to change a system (e.g., signaling system, safety system) 0005 Reversing stop RU1(M) stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU1 stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train) 0007 stop to enable train unit to run round train RU1 stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/repair RU1(M) e.g. at origin or intermediate station 0009 Brake test, checking load RU1(M) continuation on a network with a different gauge with change of bogies or adaptation of the axle (F.V.E. S1/E-F) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engine RU1 0013 attach coach/wagon RU1 0014 detach coach/wagon RU1 0015 attach and detach coach/wagon RU1 0016 Operative stop Operational Train (in service) 0017 stop train Operational Train (in service) 0018 Changing of vehicle e.g. need to park the transportation material for several hours 0019 National services RU 0020 shunting RU actual activity of shunting 0021 shunting service RU1 Request for shunting service (if offered by the TM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU1 Request for service at the end of a train (if offered by the TM or a third party) 0023 Lock driver change RU1 0024 Loss driver break RU1 legal break, e.g. to respect working law 0025 Crew change RU1 different to loss driver change as for the change of crew, e.g. at a station or in a tunnel 0026 Custom and passport control RU1 0027 Other stop reason (miscellaneous) RU1(M) 0028 Boarding only RU1 0029 Disembarking only RU1 0030 Stop on request RU1 0031 Departure signal to arrival time RU1 If in some scenario only arrival times are published, this activity code may be used to indicate that the train cannot continue before the published arrival time in case of an early arrival. 0032 Departure after disembarking RU1 mainly used at the end of train run, train may continue or not as all passengers have disembarked 0033 No waiting for connection RU1 Indicates the TM that a track with water access will be needed. 0034 Heating Indicates the TM that a track with heating equipment will be needed. 0035 Cleaning RU1 0036 Treatment on plants and live animals RU1 Weeding, Foddering, Milling, Spraying, Clipping, vaccination 0037 Cleaning ventilation flaps RU1 0038 Treatment of perishable goods RU1 Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Servicing machinery, etc. 0039 Administrative operations RU1 Weeding, Refuelling, Submission to phytosanitary inspectors 0040 Run Through (Passing Time) 0041 Photo run-by / Photo-run 0042 Train Heating Waiting according to local rules 0043 Train running with another train RU1 Where trains have been attached in a previous location on the schedule 0044 Connecting service to other train RU1 Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "trainset turnover" 0045 Connecting service from other train RU1 Association where there is a need to define a relationship between a train and its previous service. The same vehicle is used from the previous train service. 0046 Connecting service to other train RU1 0047 Connecting service from other train RU1 0048 Linkage of OTNs belonging to the same transport if no TrainID is present. National / company codes: Examples: Numbers 00 to 99 may be used by an IM for national purposes, just adding ISO country code C201 Stops from new signalling, etc. L101 Stop shorter than 1/2 min T771 Train report stop cancelled. AssociatedAttachedTrainID TrainID of the associated Train in an Absch Activity AssociatedAttachedOTN Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSM-R services, etc.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>
<p>children</p>	<p>TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN</p>

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

complexType **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
children	StartDate EndDate
used by	elements LocationPrimaryInformation/FreightValidityPeriod LocationValidityPeriod LocationPrimaryInformation/PassengerValidityPeriod
source	<pre> <xs:complexType name="ValidityPeriod"> <xs:sequence> <xs:element ref="StartDate"/> <xs:element ref="EndDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

simpleType **CommunicationRefID**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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>									

	<code></xs:simpleType></code>
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simpleType DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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" value="5"/> </xs:simpleType></pre>

simpleType DerailmentDetectionDevice

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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. The following values are defined: EDT 101 MDV 100 Non coded device
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></pre>

	<pre> <xs:restriction base="xs:string"> <xs:enumeration value="EDT" 101"/> <xs:enumeration value="MDV" 100"/> <xs:enumeration value="Non" coded="true" device="true"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **EquipmentNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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 **EquipmentTypeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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> <tr> <td>enumeration</td> <td>sw</td> <td>documentation swap body</td> </tr> <tr> <td>enumeration</td> <td>te</td> <td>documentation Trailer (RollingRoad)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	cn	documentation Container	enumeration	sw	documentation swap body	enumeration	te	documentation Trailer (RollingRoad)
Kind	Value	Annotation											
enumeration	cn	documentation Container											
enumeration	sw	documentation swap body											
enumeration	te	documentation Trailer (RollingRoad)											
annotation	documentation Type of equipment												
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:restriction> </xs:simpleType> </pre>												

	<pre> </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>
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simpleType **ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																																																									
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>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>42</td><td></td></tr> <tr><td>enumeration</td><td>61</td><td></td></tr> <tr><td>enumeration</td><td>62</td><td></td></tr> <tr><td>enumeration</td><td>63</td><td></td></tr> <tr><td>enumeration</td><td>70</td><td></td></tr> <tr><td>enumeration</td><td>71</td><td></td></tr> <tr><td>enumeration</td><td>92</td><td></td></tr> <tr><td>enumeration</td><td>94</td><td></td></tr> <tr><td>enumeration</td><td></td><td></td></tr> </tbody> </table>	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		
Kind	Value	Annotation																																																								
enumeration	07																																																									
enumeration	08																																																									
enumeration	09																																																									
enumeration	11																																																									
enumeration	12																																																									
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enumeration	15																																																									
enumeration	16																																																									
enumeration	41																																																									
enumeration	42																																																									
enumeration	61																																																									
enumeration	62																																																									
enumeration	63																																																									
enumeration	70																																																									
enumeration	71																																																									
enumeration	92																																																									
enumeration	94																																																									
enumeration																																																										
annotation	<p>documentation</p> <p>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</p>																																																									
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"/> </pre>																																																									

	<pre> <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>	<pre> value="09"/> value="11"/> value="12"/> value="13"/> value="15"/> value="16"/> value="41"/> value="42"/> value="61"/> value="62"/> value="63"/> value="70"/> value="71"/> value="92"/> value="94"/> value=""/> </pre>
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simpleType **FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	AdditionalInstruction Address Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TransportInstruction NetworkSpecificParameter/Value	
	complexType	CargoCodeType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
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 set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **Name**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:string		
properties	base xs:string		

used by	element VesselName
facets	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/3.0
type	restriction of xs:string
properties	base xs:string
used by	elements NHM Code Goods/PreviousLoadedGood
facets	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/3.0
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	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	<pre><xs:simpleType name="Numeric1-5"> <xs:restriction base="xs:positiveInteger"> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType></pre>

	<pre><xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre>
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simpleType Numeric1-6

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:int		
properties	base xs:int		
facets	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/3.0		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcrcditedRecognizedBody RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorsOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN	
	attribute	CI InstanceNumber	
facets	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>		

simpleType Numeric3-3

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	AirBrake/LoadChangeDevice/AirBrakedMassLoaded	

	AirBrake/LoadChangeDevice/ChangeOverWeight		
	simpleType	Speed	
facets	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/3.0		
type	restriction of xs:integer		
properties	base	xs:integer	
used by	elements	LengthOfSetOfCarriages RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength	
facets	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 **Speed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	Numeric3-3		
properties	base	Numeric3-3	
used by	elements	HighestPlannedSpeed PlannedSpeed TrainMaxSpeed	
facets	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/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	element LocationSubsidiaryCode		
facets	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/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	element CustomerCode/PrimaryCode		
facets	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/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	element DelayMinutes		
facets	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/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	element	CustomerCode/AdditionalCode	
facets	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>		

simpleType String1-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	AssociatedAttachedOTN OperationalTrainNumber	
facets	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/3.0		
type	restriction of xs:string		
properties	base xs:string		
used by	simpleType	CompanyCode	
facets	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>		

	<pre></xs:restriction> </xs:simpleType></pre>
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simpleType String5-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0										
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 <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>	<pre>name="String5-5"> base="xs:string"> value="5"/> value="5"/></pre>									

simpleType String5-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0										
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 <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>	<pre>name="String5-8"> base="xs:string"> value="5"/> value="8"/></pre>									

simpleType Time

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0	
type	xs:time	
properties	base xs:time	
annotation	documentation Time expressed in HH:MM:SS	
source	<pre><xs:simpleType <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> <xs:restriction </xs:simpleType></pre>	<pre>name="Time"> base="xs:time"/></pre>

simpleType **VolumeValue**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
type	xs:float
properties	base xs:float
used by	elements 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/3.0									
type	restriction of xs:string									
properties	base xs:string									
used by	elements WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight									
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 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/3.0
type	restriction of xs:integer
properties	base xs:integer
used by	elements DangerousGoodsWeight GrossWeight MaxGrossWeight ITU Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty

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>		

simpleType **WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:int		
properties	base xs:int		
used by	elements	TractionWeight TrainWeight WeightOfSetOfCarriages	
facets	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/3.0		
type	Numeric2-2		
used by	elements	Recipient Sender	
facets	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> </pre>		

	<pre> <xs:documentation>Number of a Common Interface Instance for the same Company</xs:documentation> </xs:annotation> </xs:attribute> </pre>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

3. Schema taf_cat_codelist.xsd

Schema taf_cat_codelists.xsd

schema location: C:\Projects\TAF-TSI\taf_cat_codelists.xsd
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.0**

Elements

[AirBrakeType](#)
[BrakeSpecialCharacteristics](#)
[BrakeType](#)
[BrakingPowerVariationDevice](#)
[CombinedTrafficLoadProfile](#)
[ConsignmentOrderType](#)
[CouplingType](#)
[DangerLabel](#)
[HandBrakeType](#)
[InfoOnGoodsShapeTypeDanger](#)
[InteropCapability](#)
[LivestockOrPeopleIndicator](#)
[LoadTableStars](#)
[MessageStatus](#)
[MRN_Type](#)
[NormalLoadingGauge](#)
[PackingGroup](#)
[ReasonOfReference](#)
[RefusalCode](#)
[RouteClass](#)
[SpecialServiceDescriptionCode](#)
[TractionMode](#)
[TractionType](#)
[TrainRadioSystem](#)
[TrainType](#)
[TypeOfRemovableAccessories](#)
[TypeOfUsedHybridPowerunit](#)
[WheelSetTransformationMethod](#)

Simple types

[ConsignmentTypeCode](#)
[DelayCode](#)
[InfoIndex](#)
[MessageCode](#)
[RestrictionCodes](#)
[RunningStatus](#)
[TrainCC_SystemCode](#)
[TypeOfIMHarmonizationCode](#)
[TypeOfInformationCode](#)
[TypeOfRequestCode](#)
[TypeOfRUHarmonizationCode](#)
[UnitType](#)

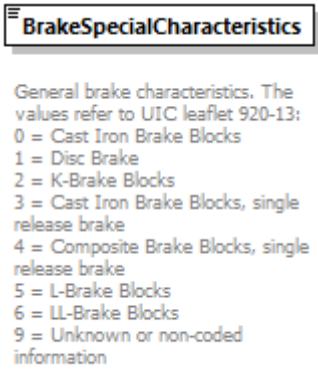
Attributes

[JourneyLocationTypeCode](#)
[LocationSubsidiaryTypeCode](#)
[TimingQualifierCode](#)

element **AirBrakeType**

diagram	<p>AirBrakeType</p> <p>Classification of air brake. additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</p>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																					
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></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>8</td> <td></td> </tr> <tr> <td>enumeration</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	8		enumeration	9	
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enumeration	0																					
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enumeration	9																					
annotation	<p>documentation Classification of air brake. additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</p>																					
source	<pre> <xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake. additional code: 8 No air brake or brake pipeThe code is defined in UIC Leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																					

element **BrakeSpecialCharacteristics**

diagram	 <p>General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake Blocks 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake Blocks 6 = LL-Brake Blocks 9 = Unknown or non-coded information</p>																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																											
type	restriction of xs:token																											
properties	content simple																											
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source	<pre><xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake Blocks 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake Blocks 6 = LL-Brake Blocks </xs:documentation> </xs:annotation> </xs:element></pre>																											


	<pre> 9 = Unknown or non-coded information </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: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> </pre>
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

element **BrakeType**

diagram	<p>Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current)</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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>G</td> <td></td> </tr> <tr> <td>enumeration</td> <td>P</td> <td></td> </tr> <tr> <td>enumeration</td> <td>X</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	G		enumeration	P		enumeration	X	
Kind	Value	Annotation											
enumeration	G												
enumeration	P												
enumeration	X												
annotation	<p>documentation Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current)</p>												
source	<pre><xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system. Supported brake types: 0 = G: "Goods" for freight services with slow application and release times 1 = P: "Passenger" for passenger and freight services with quick application and release times. 2 = X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning. 3 = R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances 4 = G+E: brake position G with additional brake=electro-dynamic brake 5 = G+H: brake position G with additional brake=hydro-dynamic brake 6 = P+E: brake position P with additional brake=electro-dynamic brake 7 = P+H: brake position P with additional brake=hydro-dynamic brake 8 = P+Mg: brake position P with additional brake=magnetic track brake 9 = R+E: brake position R with additional brake=electro-dynamic brake 10 = R+H: brake position R with additional brake=hydro-dynamic brake 11 = R+Mg: brake position R with additional brake=magnetic track brake 12 = R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse) 13 = R+E+Mg: brake position R with additional brake=electro- dynamic brake and magnetic track brake 14 = R+E+WB: brake position R with additional brake=electro- dynamic brake and eddy current brake</pre>												

	<pre> </xs:documentation> </xs:annotation> </xs:simpleType> </xs:restriction <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration </xs:restriction </xs:simpleType> </xs:element> base="xs:token"> value="0"/> value="1"/> value="2"/> value="3"/> value="4"/> value="5"/> value="6"/> value="7"/> value="8"/> value="9"/> value="10"/> value="11"/> value="12"/> value="13"/> value="14"/> </pre>
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element **BrakingPowerVariationDevice**

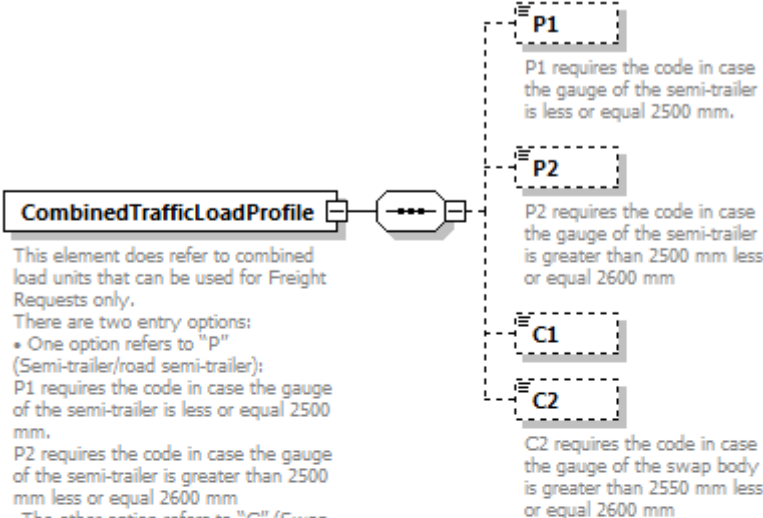
diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																		
type	restriction of xs:integer																		
properties	content simple																		
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <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
Kind	Value	Annotation																	
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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> </pre>																		

```

    </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>
      <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>

```

element **CombinedTrafficLoadProfile**

<p>diagram</p>	 <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): <p>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p> <p>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm.</p> <ul style="list-style-type: none"> • The other option refers to "C" (Swap body): <p>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</p> <p>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm.</p> <ul style="list-style-type: none"> • <p>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/3.0</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p>P1 P2 C1 C2</p>
<p>annotation</p>	<p>documentation</p> <p>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): <p>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p> <p>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm.</p> <ul style="list-style-type: none"> • The other option refers to "C" (Swap body): <p>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</p> <p>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm.</p> <ul style="list-style-type: none"> • <p>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): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</pre>

P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm

- The other option refers to "C" (Swap body):

C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.

C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm

-

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.

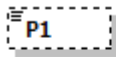
```

</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:simpleType>
        <xs:restriction base="xs:string">
          <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
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>

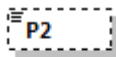
```

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

element **CombinedTrafficLoadProfile/P1**

diagram	 <p>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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" value="\d{3}"/> </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/3.0
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"> </pre>

	<pre> <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>
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element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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/3.0
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"> </pre>

	<pre> <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>
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element **ConsignmentOrderType**

diagram	<p>ConsignmentOrderType</p> <p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none. ORU: original consignment order message from origin location ORX: update for consignment order from origin location ORD: deletion for consignment order from origin location TRU : original transit consignment order TRX: update for transit consignment order TRD: deletion of transit consignment order DRU : original consignment order to destination location DRX: update for consignment order to destination location DRD: deletion of consignment order to destination location</p> <p style="text-align: center;">...</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	ORU	documentation Subset for RU which fetches consignment at origin.
	enumeration	ORX	documentation Update for ORU
	enumeration	ORD	documentation Deletion of ORU
	enumeration	TRU	documentation Subset for transit RU
	enumeration	TRX	documentation Update for TRU
	enumeration	TRD	documentation Deletion of TRU
	enumeration	DRU	documentation Subset for RU which takes consignment to destination
	enumeration	DRX	documentation Update for DRU
	enumeration	DRD	documentation Deletion for DRU
annotation	documentation		

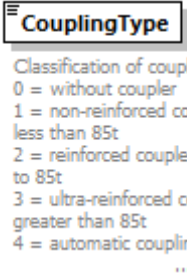
	<p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none. ORU: original consignment order message from origin location ORX: update for consignment order from origin location ORD: deletion for consignment order from origin location TRU : original transit consignment order TRX: update for transit consignment order TRD: deletion of transit consignment order DRU : original consignment order to destination location DRX: update for consignment order to destination location DRD: deletion of consignment order to destination location</p>
<p>source</p>	<pre> <xs:element name="ConsignmentOrderType"> <xs:annotation> <xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none. ORU: original consignment order message from origin location ORX: update for consignment order from origin location ORD: deletion for consignment order from origin location TRU : original transit consignment order TRX: update for transit consignment order TRD: deletion of transit consignment order DRU : original consignment order to destination location DRX: update for consignment order to destination location DRD: deletion of consignment order to destination location </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ORU"> <xs:annotation> <xs:documentation>Subset for RU which fetches consignment at origin.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ORX"> <xs:annotation> <xs:documentation>Update for ORU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ORD"> <xs:annotation> <xs:documentation>Deletion of ORU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="TRU"> <xs:annotation> <xs:documentation>Subset for transit RU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="TRX"> <xs:annotation> <xs:documentation>Update for TRU</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>


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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DRU">
  <xs:annotation>
    <xs:documentation>Subset for RU which takes consignment to
destination</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DRX">
  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="DRD">
  <xs:annotation>
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  </xs:annotation>
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</xs:restriction>
</xs:simpleType>
</xs:element>


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element **CouplingType**

diagram	 <p>Classification of coupling: 0 = without coupler 1 = non-reinforced coupler less than 85t 2 = reinforced coupler equals to 85t 3 = ultra-reinforced coupler greater than 85t 4 = automatic coupling ...</p>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																		
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></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> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4	
Kind	Value	Annotation																	
enumeration	0																		
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
annotation	documentation Classification of coupling: 0 = without coupler 1 = non-reinforced coupler less than 85t 2 = reinforced coupler equals to 85t 3 = ultra-reinforced coupler greater than 85t 4 = automatic coupling																		

source	<pre> <xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Classification of coupling: 0 = without coupler 1 = non-reinforced coupler less than 85t 2 = reinforced coupler equals to 85t 3 = ultra-reinforced coupler greater than 85t 4 = automatic coupling </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **DangerLabel**

<p>diagram</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> <ul style="list-style-type: none"> 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids, self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances 5.2 Organic peroxides 6.1 Toxic substances 6.2 Infectious substances 7A Radioactive material, category I 7B Radioactive material, category II 7C Radioactive material, category III 7D (obsolete) should be used for general information about class 7 7E Fissile radioactive material 8 Corrosive substances 9 Miscellaneous dangerous substances and articles ... 																																	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1.4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1.5</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1.6</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2.1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2.2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2.3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4.1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4.2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	1.4		enumeration	1.5		enumeration	1.6		enumeration	2.1		enumeration	2.2		enumeration	2.3		enumeration	3		enumeration	4.1		enumeration	4.2	
Kind	Value	Annotation																																
enumeration	1																																	
enumeration	1.4																																	
enumeration	1.5																																	
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enumeration	2.1																																	
enumeration	2.2																																	
enumeration	2.3																																	
enumeration	3																																	
enumeration	4.1																																	
enumeration	4.2																																	

	<p>enumeration 4.3</p> <p>enumeration 5.1</p> <p>enumeration 5.2</p> <p>enumeration 6.1</p> <p>enumeration 6.2</p> <p>enumeration 7A</p> <p>enumeration 7B</p> <p>enumeration 7C</p> <p>enumeration 7D</p> <p>enumeration 7E</p> <p>enumeration 8</p> <p>enumeration 9</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> <p>1 Explosive materials, divisions 1.1, 1.2 and 1.3</p> <p>1.4 Explosive materials, division 1.4</p> <p>1.5 Explosive materials, division 1.5</p> <p>1.6 Explosive materials, division 1.6</p> <p>2.1 Flammable gases</p> <p>2.2 Non-flammable, non-toxic gases</p> <p>2.3 Toxic gases</p> <p>3 Flammable liquids</p> <p>4.1 Flammable solids, self-reactive substances and solid desensitized explosives</p> <p>4.2 Substances liable to spontaneous combustion</p> <p>4.3 Substances which, in contact with water, emit flammable gases</p> <p>5.1 Oxidizing substances</p> <p>5.2 Organic peroxides</p> <p>6.1 Toxic substances</p> <p>6.2 Infectious substances</p> <p>7A Radioactive material, category I</p> <p>7B Radioactive material, category II</p> <p>7C Radioactive material, category III</p> <p>7D (obsolete) should be used for general information about class 7</p> <p>7E Fissile radioactive material</p> <p>8 Corrosive substances</p> <p>9 Miscellaneous dangerous substances and articles</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). 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids, self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances </pre>

	<pre> 5.2 Organic peroxides 6.1 Toxic substances 6.2 Infectious substances 7A Radioactive material, category I 7B Radioactive material, category II 7C Radioactive material, category III 7D (obsolete) should be used for general information about class 7 7E Fissile radioactive material 8 Corrosive substances 9 Miscellaneous dangerous substances and articles </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="1.4"/> <xs:enumeration value="1.5"/> <xs:enumeration value="1.6"/> <xs:enumeration value="2.1"/> <xs:enumeration value="2.2"/> <xs:enumeration value="2.3"/> <xs:enumeration value="3"/> <xs:enumeration value="4.1"/> <xs:enumeration value="4.2"/> <xs:enumeration value="4.3"/> <xs:enumeration value="5.1"/> <xs:enumeration value="5.2"/> <xs:enumeration value="6.1"/> <xs:enumeration value="6.2"/> <xs:enumeration value="7A"/> <xs:enumeration value="7B"/> <xs:enumeration value="7C"/> <xs:enumeration value="7D"/> <xs:enumeration value="7E"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **HandBrakeType**

<p>diagram</p> <pre> HandBrakeType Classification of hand brake: 0 No hand brake 1 Ground-operated hand brake 2 Platform-operated hand brake ... </pre>	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0
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></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	<p>documentation Classification of hand brake:</p> <table border="1"> <tbody> <tr> <td>0</td> <td>No hand brake</td> </tr> <tr> <td>1</td> <td>Ground-operated hand brake</td> </tr> <tr> <td>2</td> <td>Platform-operated hand brake</td> </tr> </tbody> </table>	0	No hand brake	1	Ground-operated hand brake	2	Platform-operated hand brake						
0	No hand brake												
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2	Platform-operated hand brake												
source	<pre> <xs:element name="HandBrakeType"> <xs:annotation> <xs:documentation>Classification of hand brake: 0 No hand brake 1 Ground-operated hand brake 2 Platform-operated hand brake </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **InfoOnGoodsShapeTypeDanger**

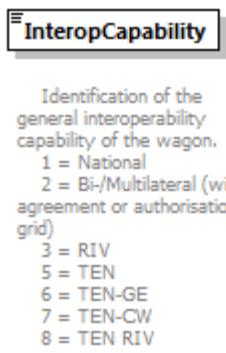
<p>diagram</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>InfoOnGoodsShapeTypeDanger</p> <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p style="text-align: right;">Codes to add</p> <p>are given in the table below:</p> <p>96 Environmentally hazardous substance (RID 5.2.1.8)</p> <p>97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)</p> <p>The following documentation serves for the existing codes:</p> <p>1 Container</p> <p>2 Other intermodal traffic</p> <p>3 Rolling road (RR)</p> <p>6 Semi-Trailer on bogies</p> <p>10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)</p> <p>14 1.4 - danger of explosion (subclass 1.4)</p> <p>15 1.5 - danger of explosion (subclass 1.5)</p> <p>16 1.6 - danger of explosion (subclass 1.6)</p> <p>21 2.1 - inflammable gases</p> <p>22 2.2 - non inflammable,non-toxic gases</p> <p>23 2.3 - toxic gases</p> <p>30 3 - fire hazard (inflammable liquids)</p> <p>41 4.1 - fire hazard (inflammable solids)</p> <p>42 4.2 - spontaneously inflammable</p> <p>43 4.3 - gives off inflammable gas on contact with water</p> <p>51 5.1 - combustible substance</p> <p>52 5.2 - organic peroxide</p> <p>61 6.1 - toxic substance</p> <p>62 6.2 - infectious substance</p> <p>71 7A - radioactive substance in category I packing WHITE</p> <p>72 7B - radioactive substance in category II packing YELLOW</p> <p>73 7C - radioactive substance in category III packing YELLOW</p> <p>74 7D - Common label for radioactive substances included under 7A, 7B + 7C</p> <p>75 7E - fissible substance</p> <p>80 8 - corrosive substance</p> <p>90 Various dangerous substance and objects not covered by the other classes</p> <p>98 Livestock</p> <p>99 Perishables</p> </div>																					
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>06</td> <td></td> </tr> <tr> <td>enumeration</td> <td>98</td> <td></td> </tr> <tr> <td>enumeration</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	06		enumeration	98		enumeration	99	
Kind	Value	Annotation																				
enumeration	01																					
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	enumeration 10
	enumeration 14
	enumeration 15
	enumeration 16
	enumeration 21
	enumeration 22
	enumeration 23
	enumeration 30
	enumeration 41
	enumeration 42
	enumeration 43
	enumeration 51
	enumeration 52
	enumeration 61
	enumeration 62
	enumeration 71
	enumeration 72
	enumeration 73
	enumeration 74
	enumeration 75
	enumeration 80
	enumeration 90
	enumeration 96
	enumeration 97
annotation	<p>documentation</p> <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p>Codes to add are given in the table below:</p> <p>96 Environmentally hazardous substance (RID 5.2.1.8)</p> <p>97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)</p> <p>The following documentation serves for the existing codes:</p> <p>1 Container</p> <p>2 Other intermodal traffic</p> <p>3 Rolling road (RR)</p> <p>6 Semi-Trailer on bogies</p> <p>10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)</p> <p>14 1.4 - danger of explosion (subclass 1.4)</p> <p>15 1.5 - danger of explosion (subclass 1.5)</p> <p>16 1.6 - danger of explosion (subclass 1.6)</p> <p>21 2.1 - inflammable gases</p> <p>22 2.2 - non inflammable,non-toxic gases</p> <p>23 2.3 - toxic gases</p> <p>30 3 - fire hazard (inflammable liquids)</p> <p>41 4.1 - fire hazard (inflammable solids)</p> <p>42 4.2 - spontaneously inflammable</p> <p>43 4.3 - gives off inflammable gas on contact with water</p> <p>51 5.1 - combustible substance</p> <p>52 5.2 - organic peroxide</p> <p>61 6.1 - toxic substance</p> <p>62 6.2 - infectious substance</p> <p>71 7A - radioactive substance in category I packing WHITE</p> <p>72 7B - radioactive substance in category II packing YELLOW</p> <p>73 7C - radioactive substance in category III packing YELLOW</p> <p>74 7D - Common label for radioactive substances included under 7A, 7B + 7C</p> <p>75 7E - fissible substance</p> <p>80 8 - corrosive substance</p>

	<p>90 Various dangerous substance and objects not covered by the other classes 98 Livestock 99 Perishables</p>
<p>source</p>	<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 Codes to add are given in the table below: 96 Environmentally hazardous substance (RID 5.2.1.8) 97 More than 8 tons of dangerous goods packaged in limited quantities (LQ) The following documentation serves for the existing codes: 1 Container 2 Other intermodal traffic 3 Rolling road (RR) 6 Semi-Trailer on bogies 10 1 - danger of explosion (subclass 1.1, 1.2, 1.3) 14 1.4 - danger of explosion (subclass 1.4) 15 1.5 - danger of explosion (subclass 1.5) 16 1.6 - danger of explosion (subclass 1.6) 21 2.1 - inflammable gases 22 2.2 - non inflammable,non-toxic gases 23 2.3 - toxic gases 30 3 - fire hazard (inflammable liquids) 41 4.1 - fire hazard (inflammable solids) 42 4.2 - spontaneously inflammable 43 4.3 - gives off inflammable gas on contact with water 51 5.1 - combustible substance 52 5.2 - organic peroxide 61 6.1 - toxic substance 62 6.2 - infectious substance 71 7A - radioactive substance in category I packing WHITE 72 7B - radioactive substance in category II packing YELLOW 73 7C - radioactive substance in category III packing YELLOW 74 7D - Common label for radioactive substances included under 7A, 7B + 7C 75 7E - fissible substance 80 8 - corrosive substance 90 Various dangerous substance and objects not covered by the other classes 98 Livestock 99 Perishables </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="06"/> <xs:enumeration value="98"/> <xs:enumeration value="99"/> <xs:enumeration value="10"/> <xs:enumeration value="14"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </pre>

	<pre> <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="16"/> value="21"/> value="22"/> value="23"/> value="30"/> value="41"/> value="42"/> value="43"/> value="51"/> value="52"/> value="61"/> value="62"/> value="71"/> value="72"/> value="73"/> value="74"/> value="75"/> value="80"/> value="90"/> value="96"/> value="97"/> </pre>
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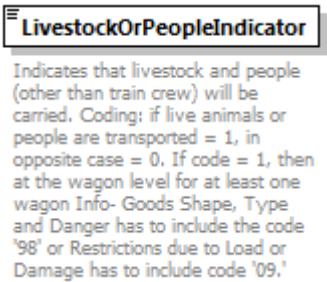
element **InteropCapability**

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type	restriction of xs:integer		
properties	content simple		
facets	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

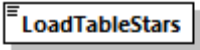
	<p>enumeration 8 TEN-CW documentation TEN RIV</p>
<p>annotation</p>	<p>documentation</p> <p>Identification of the general interoperability capability of the wagon.</p> <p>1 = National</p> <p>2 = Bi-/Multilateral (with agreement or authorisation grid)</p> <p>3 = RIV</p> <p>5 = TEN</p> <p>6 = TEN-GE</p> <p>7 = TEN-CW</p> <p>8 = TEN RIV</p>
<p>source</p>	<pre> <xs:element name="InteropCapability"> <xs:annotation> <xs:documentation> Identification of the general interoperability capability of the wagon. 1 = National 2 = Bi-/Multilateral (with agreement or authorisation grid) 3 = RIV 5 = TEN 6 = TEN-GE 7 = TEN-CW 8 = TEN RIV </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:enumeration value="6"> <xs:annotation> <xs:documentation>TEN-GE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>TEN-CW</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </element> </pre>

	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>TEN RIV</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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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/3.0									
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	<p>documentation</p> <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>									
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--> </pre>									

element **LoadTableStars**


diagram	 <p>Number of load table stars.</p> <p>1 = 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> <p>2 = 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>3 = 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>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
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> <tr> <td>enumeration</td> <td>2</td> <td>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.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>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.</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.	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.	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.
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.														
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.														
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.														
annotation	<p>documentation</p> <p>Number of load table stars.</p> <p>1 = 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> <p>2 = 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>3 = 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>															
source	<pre><xs:element name="LoadTableStars"> <xs:annotation> <xs:documentation> Number of load table stars. 1 = 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. 2 = 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. 3 = 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:element></pre>															

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        <xs:documentation>Authorized 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>
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element **MessageStatus**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation											
enumeration	1												
enumeration	2												
enumeration	3												
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"/> </pre>												

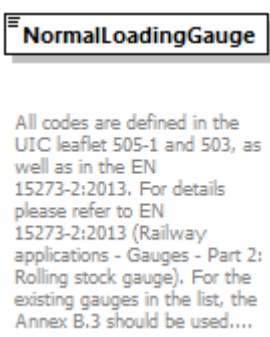
	<pre> <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="2"/> value="3"/> </pre>
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element **MRN_Type**

diagram	 <p>MRN_Type</p> <p>Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor</p> <p>...</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
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: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor		
source	<pre> <xs:element <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor </pre>		


	<p>MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor</p> <pre> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token" value="MRN-E"> <xs:enumeration <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>
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element **NormalLoadingGauge**

<p>diagram</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>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

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																																			
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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". I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4 II Medium danger III Low danger</p>												
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</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></td> </tr> <tr> <td>enumeration</td> <td>II</td> <td></td> </tr> <tr> <td>enumeration</td> <td>III</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	I		enumeration	II		enumeration	III	
Kind	Value	Annotation											
enumeration	I												
enumeration	II												
enumeration	III												
<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". I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4 II Medium danger III Low danger</p>												
<p>source</p>	<pre><xs:element name="PackingGroup"> <xs:annotation> <xs: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". I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4 II Medium danger III Low danger </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>												

	<pre><xs:enumeration value="I"/> <xs:enumeration value="II"/> <xs:enumeration value="III"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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type	restriction of xs:string		
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	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). RPTID: All others PathRequestIDs). 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).		

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).
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 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.)
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	

	<p>(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>
<p>source</p>	<pre><xs:element name="ReasonOfReference"> <xs:annotation> <xs: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). RPTID: All others PathRequestIDs). 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). 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). 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 changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID). 1004 = Reference to sub train of Y-train bundle</pre>

(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.)

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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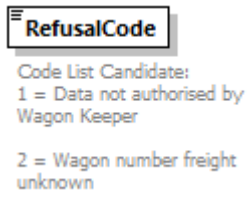
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PathRequestMessage</xs:documentation>
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train/path</xs:documentation>
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      <xs:annotation>
        <xs:documentation>Full replacement of stated previous
path</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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path</xs:documentation>
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      <xs:annotation>
        <xs:documentation>Reference to sub train of Y-train
bundle</xs:documentation>
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	<pre> <xs:annotation> <xs:documentation>Reference to main train of Y-train bundle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1006"> <xs:annotation> <xs:documentation>Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1007"> <xs:annotation> <xs:documentation>Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1008"> <xs:annotation> <xs:documentation>Reference to further path offer for the PathRequestMessage</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1009"> <xs:annotation> <xs:documentation>Reference to booked path before interruption by railway replacement traffic by bus</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1010"> <xs:annotation> <xs:documentation>Reference to a PreArrangedPath</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1011"> <xs:annotation> <xs: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</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1012"> <xs:annotation> <xs:documentation>New final offer to former draft offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1013"> <xs:annotation> <xs:documentation>Replaced path after modification by ResponsibleApplicant</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE01"> <xs:annotation> <xs:documentation>Reference to an associated empty/transfer </pre>
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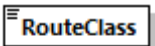
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element **RefusalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	documentation Code List Candidate: 1 = Data not authorised by Wagon Keeper									

	2 = Wagon number freight unknown
source	<pre> <xs:element name="RefusalCode"> <xs:annotation> <xs:documentation>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **RouteClass**

diagram	 <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>																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																																																
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>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> </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	
Kind	Value	Annotation																																															
minLength	1																																																
maxLength	3																																																
enumeration	A																																																
enumeration	B																																																
enumeration	B1																																																
enumeration	B2																																																
enumeration	C																																																
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enumeration	C3																																																
enumeration	C4																																																
enumeration	CM																																																
enumeration	CM2																																																
enumeration	CM3																																																
enumeration	CM4																																																
enumeration	CE																																																

	<p>enumeration D</p> <p>enumeration D2</p> <p>enumeration D3</p> <p>enumeration D4</p> <p>enumeration D5</p> <p>enumeration E</p> <p>enumeration E4</p> <p>enumeration E5</p> <p>enumeration E6</p> <p>enumeration F</p> <p>enumeration G</p>
<p>annotation</p>	<p>documentation</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>source</p>	<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 **SpecialServiceDescriptionCode**

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type	restriction of xs:integer		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	3	documentation Additional loading
	enumeration	4	documentation Additional unloading
	enumeration	5	documentation Breakfast
	enumeration	6	documentation Dinner
	enumeration	7	documentation Loading
	enumeration	8	documentation Lunch
	enumeration	9	documentation Unloading
	enumeration	11	documentation Child
	enumeration	21	documentation Cold buffet
	enumeration	22	documentation Restaurant in 1st class only
	enumeration	23	documentation Hot buffet
	enumeration	24	documentation Meal included for 1st class passengers
	enumeration	25	documentation Trolley
	enumeration	26	documentation Snack
	enumeration	27	documentation Disabled
	enumeration	28	documentation Movies
	enumeration	29	documentation Business
	enumeration	30	documentation Nursery
	enumeration	31	documentation Buffet
	enumeration	32	documentation Special services for military
	enumeration	33	documentation Boarding possible 2 hours before departure
	enumeration	34	documentation Alighting possible until 2 hours after arrival
	enumeration	35	documentation Boarding possible 30 minutes before departure

	enumeration 36 documentation Alighting possible until 30 minutes after arrival
	enumeration 37 documentation Postal services
	enumeration 38 documentation Meal at the seat
	enumeration 39 documentation Self service
	enumeration 40 documentation Overnight stay
	enumeration 41 documentation Luggage transport
	enumeration 42 documentation Luggage transport excluded
	enumeration 43 documentation Music
	enumeration 44 documentation Check-in
	enumeration 45 documentation Check-out
annotation	documentation Service on a Train according to TAP Code List B.4.716
source	<pre> <xs:element name="SpecialServiceDescriptionCode"> <xs:annotation> <xs:documentation>Service on a Train according to TAP Code List B.4.716</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="3"> <xs:annotation> <xs:documentation xml:lang="en">Additional loading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation xml:lang="en">Additional unloading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation xml:lang="en">Breakfast</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation xml:lang="en">Dinner</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation xml:lang="en">Loading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation xml:lang="en">Lunch</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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element **TractionMode**

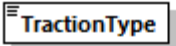
<p>diagram</p>	<div data-bbox="304 293 480 331" style="border: 1px solid black; padding: 2px;"> <p>TractionMode</p> </div> <p>Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role</p> <p>11 Train traction 1st traction unit in the group 21 Intermediate traction 1st traction unit in the group 31 Banking locomotive 1st traction unit in the group 41 Banking locomotive not coupled 1st traction unit in the group 51 No Leading Engine 1st traction unit in the group</p> <p>12 Train traction 2nd traction unit in the group 22 Intermediate traction 2nd traction unit in the group 32 Banking locomotive 2nd traction unit in the group 42 Banking locomotive not coupled 2nd traction unit in the group 52 No Leading Engine 2nd traction unit in the group</p> <p>13 Train traction 3rd traction unit in the group 23 Intermediate traction 3rd traction unit in the group 33 Banking locomotive 3rd traction unit in the group 43 Banking locomotive not coupled 3rd traction unit in the group 53 No Leading Engine 3rd traction unit in the group</p> <p>14 Train traction 4th traction unit in the group 24 Intermediate traction 4th traction unit in the group 34 Banking locomotive 4th traction unit in the group 44 Banking locomotive not coupled 4th traction unit in the group 54 No Leading Engine 4th traction unit in the group</p> <p>15 Train traction 5th traction unit in the group 25 Intermediate traction 5th traction unit in the group 35 Banking locomotive 5th traction unit in the group 45 Banking locomotive not coupled 5th traction unit in the group 55 No Leading Engine 5th traction unit in the group</p> <p>16 Train traction 6th traction unit in the group 26 Intermediate traction 6th traction unit in the group 36 Banking locomotive 6th traction unit in the group 46 Banking locomotive not coupled 6th traction unit in the group 56 No Leading Engine 6th traction unit in the group</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.0</p>

type	restriction of xs:integer																																																																																																			
properties	content simple																																																																																																			
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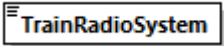
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element **TractionType**

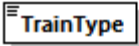
<p>diagram</p>	 <p>Identifies the type of a locomotive: First digit: "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply 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>																																																															
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element **TrainRadioSystem**

diagram	 <p>The on board radio system of the train in coded format</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
type	restriction of xs:token									
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enumeration	2									
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element **TrainType**

diagram	 <p>1 Passenger train Commercial train with passenger coaches or trainsets Empty run of Train with passenger coaches or trainsets Including Crew train (for Train Crew Members)</p> <p>2 Freight train Train with freight wagons</p> <p>3 Light engine (locomotive train) One or more engines without any carriages</p> <p>4 Engineering train Train for measurement, maintenance, instructions, homologation, etc</p> <p>0 Other Train types that are not covered with the four codes given above can be codified as "other" in the messages Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0

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element **TypeOfRemovableAccessories**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>TypeOfRemovableAccessories</p> </div> <p>Specification of removable accessory. Should be added to Code List. 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 																																							
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<p>annotation</p>	<p>documentation</p> <p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13:</p> <p>01 = Removable stanchion</p> <p>02 = Removable side flap of flat wagon</p> <p>03 = Removable end flap of flat wagon</p> <p>04 = Removable side rail</p> <p>05 = Removable intermediate upright for securing the load</p> <p>06 = Stanchion chain</p> <p>07 = Removable handle and wheel for winch on car-carrying wagon</p> <p>08 = Swivelling bolster (with stanchions)</p> <p>09 = Coupling rod (rigid coupling)</p> <p>10 = Ice bunker</p> <p>11 = Ice bunker screen</p> <p>12 = Ice bunker frame</p> <p>13 = Trestle or bar with hooks for hanging meat</p> <p>14 = Movable cross-member of wagon with low loading plane</p> <p>15 = Removable support</p> <p>16 = Mooring cross-member on wagon for special loads</p> <p>17 = Movable floor panel on wagon for special loads</p> <p>18 = Scotch</p> <p>19 = Skid bar with or without shoes on car-carrying wagon</p> <p>20 = Mooring strap on car-carrying wagon</p> <p>21 = Beam for movable ramp on car-carrying wagon</p> <p>22 = Spare heating half-coupling</p> <p>23 = Fire extinguisher</p> <p>24 = Wheel scotches (for cars) on car-carrying wagon</p> <p>25 = Gangway loading ramp on car-carrying wagon</p> <p>26 = Metal cradles for rolls of metal sheeting</p> <p>27 = Panel for covering markings</p> <p>28 = Loading frame for special types of goods</p> <p>29 = Headstock for "rolling roads"</p> <p>99 = Other wagon accessories</p>
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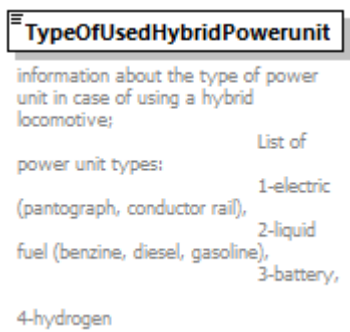
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03	=	Removable	end	flap	of	flat	wagon
04	=	Removable	side				rail
05	=	Removable	intermediate	upright	for	securing	the load
06	=			Stanchion			chain
07	=	Removable	handle and	wheel for	winch on	car-carrying	wagon
08	=		Swivelling	bolster	(with	stanchions)	
09	=		Coupling	rod	(rigid	coupling)	
10	=			Ice			bunker
11	=		Ice				screen
12	=		Ice				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>
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    <xs:enumeration value="02"/>
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element **TypeOfUsedHybridPowerunit**

diagram	 <p>The diagram shows the element TypeOfUsedHybridPowerunit with the following content: "information about the type of power unit in case of using a hybrid locomotive; List of power unit types: 1-electric (pantograph, conductor rail), 2-liquid fuel (benzine, diesel, gasoline), 3-battery, 4-hydrogen".</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0															
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 electric (pantograph, conductor rail)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation liquid fuel (benzine, diesel, gasoline)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation battery</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation hydrogen</td> </tr> </tbody> </table>	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
Kind	Value	Annotation														
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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; List of power unit types: 1-electric (pantograph, conductor rail), 2-liquid fuel (benzine, diesel, gasoline), 3-battery, 4-hydrogen															
source	<pre> <xs:element name="TypeOfUsedHybridPowerunit"> <xs:annotation> <xs:documentation>information about the type of power unit in case of using a hybrid locomotive; List of power unit types: 1-electric (pantograph, conductor rail), 2-liquid fuel (benzine, diesel, gasoline), 3-battery, 4-hydrogen </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> </pre>															

	<pre> <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> </pre>
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element **WheelSetTransformationMethod**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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	<p>documentation</p> <pre> wheel set gauge. Code list: 1 = Automatic, 2 = Bogie/axle change </pre>									
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. Code list: </pre>									

	<pre> 1 2 = = Bogie/axle Automatic, change </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>
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simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0									
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></td> </tr> <tr> <td>enumeration</td> <td>Other</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM		enumeration	Other	
Kind	Value	Annotation								
enumeration	CIM									
enumeration	Other									
annotation	<p>documentation Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</p>									
source	<pre> <xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF) </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"/> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType **DelayCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0																								
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></td> </tr> <tr> <td>enumeration</td> <td>10</td> <td></td> </tr> <tr> <td>enumeration</td> <td>12</td> <td></td> </tr> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> </tr> <tr> <td>enumeration</td> <td>18</td> <td></td> </tr> <tr> <td>enumeration</td> <td>19</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19	
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	<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 28</p> <p>enumeration 29</p> <p>enumeration 31</p> <p>enumeration 30</p> <p>enumeration 32</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p> <p>enumeration 58</p> <p>enumeration 59</p> <p>enumeration 60</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 64</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 94</p> <p>enumeration 95</p>
annotation	<p>documentation</p> <p>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.</p> <p>The first digit in the code has to following meaning:</p> <p>1 Operational planning, Management (IM)</p> <p>2 Infrastructure installations (IM)</p> <p>3 Civil engineering causes (IM)</p> <p>4 Causes of other IM (IM)</p> <p>5 Commercial causes (RU)</p>

	<p>6 Rolling stock (RU)</p> <p>7 Causes of other RU (RU)</p> <p>8 External causes</p> <p>9 Secondary causes</p> <p>New codes added:</p> <p>23 Power supply equipment</p> <p>58 Staff</p> <p>68 Staff</p> <p>90 Dangerous incidents, accidents and hazards</p> <p>91 Track occupation caused by the lateness of the same train</p> <p>92 Track occupation caused by the lateness of another train</p> <p>93 Turn round</p> <p>94 Connection</p> <p>95 Further investigation needed</p>
<p>source</p>	<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C. The first digit in the code has to following meaning: 1 Operational planning, Management (IM) 2 Infrastructure installations (IM) 3 Civil engineering causes (IM) 4 Causes of other IM (IM) 5 Commercial causes (RU) 6 Rolling stock (RU) 7 Causes of other RU (RU) 8 External causes 9 Secondary causes New codes added: 23 Power supply equipment 58 Staff 68 Staff 90 Dangerous incidents, accidents and hazards 91 Track occupation caused by the lateness of the same train 92 Track occupation caused by the lateness of another train 93 Turn round 94 Connection 95 Further investigation needed </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="11"/> <xs:enumeration value="10"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="18"/> <xs:enumeration value="19"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="28"/> <xs:enumeration value="29"/> </xs:restriction> </pre>

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simpleType **InfoIndex**

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properties	base	xs:string	
facets	Kind	Value	Annotation
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	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"/> </pre>		

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simpleType MessageCode

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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/3.0																																																						
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>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>33</td><td></td></tr> <tr><td>enumeration</td><td>34</td><td></td></tr> <tr><td>enumeration</td><td>35</td><td></td></tr> <tr><td>enumeration</td><td>36</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	18		enumeration	25		enumeration	30		enumeration	31		enumeration	32		enumeration	33		enumeration	34		enumeration	35		enumeration	36	
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18	F	Must not use active braking equipment						
25	x F	Gas carrying tank wagon with orange side stripe						x
30	P (+F)	CCS fault (see CCS coding list)						
31	x P (+F)	Braking system fault						
32	P (+F)	Wheelset, bogie fault	x					
33	P (+F)	Headlighting or back lighting fault		x				
34	x P (+F)	Front glass broken						
35	P (+F)	Horn fault		x				
36	P (+F)	Radio fault			x			
37	P (+F)	Energy supply fault					x	
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	
42	x F	x x Place this wagon at the rear of the train						
50	x P (+F)	x x Speed restriction						
52	P (+F)	Diesel locomotive instead of electric locomotive		x	x			
61	F	Wagon forming part of a consignment of several wagons					x	(X) F

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>00</td><td></td></tr> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	05		enumeration	06		enumeration	07		enumeration	08		enumeration	09		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17		enumeration	18		enumeration	19	
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enumeration	19																																																															
annotation	<p>documentation</p> <p>Identifies the status of a train related to the actual time at the reporting point. Documentation to the existing codes is provided in the table below:</p> <table border="1"> <tbody> <tr><td>00</td><td>Not specified</td></tr> <tr><td>01</td><td>Arrival at destination</td></tr> <tr><td>02</td><td>Departure at origin</td></tr> <tr><td>03</td><td>Intermediate arrival</td></tr> <tr><td>04</td><td>Intermediate departure</td></tr> <tr><td>05</td><td>Pass through</td></tr> <tr><td>06</td><td>NEW CODES: Some IMs are transmitting these codes (6 - 9)</td></tr> <tr><td>07</td><td></td></tr> <tr><td>08</td><td></td></tr> <tr><td>09</td><td></td></tr> <tr><td>10</td><td>Not specified for wagon Starting from 10, the values are only wagon related.</td></tr> <tr><td>11</td><td>Wagon arrival at its destination by train</td></tr> <tr><td>12</td><td>Wagon departure from its station of origin by train</td></tr> <tr><td>13</td><td>Wagon arrival at reporting point by train</td></tr> <tr><td>14</td><td>Wagon departure from reporting point by train</td></tr> <tr><td>15</td><td>Wagon run-through at reporting point by train</td></tr> <tr><td>16</td><td>Wagon parked at reporting point</td></tr> <tr><td>17</td><td>Wagon shunted at reporting point</td></tr> <tr><td>18</td><td>Wagon arrived at reporting point</td></tr> <tr><td>19</td><td>Wagon departure from reporting point</td></tr> </tbody> </table>	00	Not specified	01	Arrival at destination	02	Departure at origin	03	Intermediate arrival	04	Intermediate departure	05	Pass through	06	NEW CODES: Some IMs are transmitting these codes (6 - 9)	07		08		09		10	Not specified for wagon Starting from 10, the values are only wagon related.	11	Wagon arrival at its destination by train	12	Wagon departure from its station of origin by train	13	Wagon arrival at reporting point by train	14	Wagon departure from reporting point by train	15	Wagon run-through at reporting point by train	16	Wagon parked at reporting point	17	Wagon shunted at reporting point	18	Wagon arrived at reporting point	19	Wagon departure from reporting point																							
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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. Documentation to the existing codes is provided in the table below: 00 Not specified</pre>																																																															

	01	Arrival	at	destination
	02	Departure	at	origin
	03	Intermediate		arrival
	04	Intermediate		departure
	05	Pass		through
		06	NEW CODES: Some IMs are transmitting these codes (6	
	- 9)			
	07			
	08			
	09			
	10	Not specified for wagon Starting from 10, the values are only wagon related.		
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	13	Wagon arrival at reporting point by train		
	14	Wagon departure from reporting point by train		
	15	Wagon run-through at reporting point by train		
	16	Wagon parked at reporting point		
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	54 ZUB
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properties	base xs:string									
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Kind	Value	Annotation								
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enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
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Kind	Value	Annotation																																
minInclusive	0																																	
maxInclusive	99																																	
enumeration	1	documentation harmonisation - in process																																
enumeration	2	documentation harmonisation - accepted																																
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enumeration	6	documentation pre-arranged path/reserve capacity																																
enumeration	7	documentation create offer																																
enumeration	8	documentation																																

	enumeration	9	coordination update 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 final offer
	enumeration	17	documentation final offer - accepted
	enumeration	18	documentation alternative offer accepted
	enumeration	19	documentation pre-accepted offer
	enumeration	20	documentation Final Offer rejected
	enumeration	21	documentation no alternative available
	enumeration	22	documentation booked
	enumeration	23	documentation preparation of draft alternative offer is in progress
	enumeration	24	documentation alternative offer triggered by IM
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	enumeration	26	documentation alternative offer rejected (without revision)
	enumeration	27	documentation offer/final offer rejected (revision required)
	enumeration	28	documentation alternative offer rejected (revision required)
	enumeration	29	documentation withdrawal
	enumeration	30	documentation Create Dossier
	enumeration	31	documentation Close Dossier
	enumeration	32	documentation Path canceled full
	enumeration	33	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

	<p>enumeration 52 deactivate path (utilisation notification) documentation confirmation of utilisation notification</p> <p>enumeration 53 deactivate path (utilisation notification) documentation confirmation of utilisation notification Path and train cancelled</p>
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12	observation				-			complete
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14	preparation	of	final	offer			-	accepted
15	preparation	of	final	offer			-	rejected
16	final							offer
17	final		offer		-			accepted
18	alternative			offer				accepted
19						pre-accepted		offer
20	-		Final			Offer		rejected
21				no		alternative		available
22								booked
23	-	preparation	of	draft	alternative	offer	is	in
24	-	Preparation	of	draft	offer		-	accepted
25	-	offer/final	offer	rejected		(without		revision)
26	-	alternative	offer	rejected		(without		revision)
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31	Close							Dossier
30	Create							Dossier
40			Fully	Assembled	Path	(FAP,	constructed	path)
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Kind	Value	Annotation																	
minInclusive	1																		
maxInclusive	9																		
enumeration	1																		
enumeration	2																		
enumeration	3																		
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)																		
source	<pre> <xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> <xs:restriction base="xs:short" value="1"/> </xs:simpleType> </pre>																		

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simpleType **TypeOfRUHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0												
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/3.0																																										
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></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>6</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>42</td><td></td></tr> <tr><td>enumeration</td><td>43</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	4		enumeration	6		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	40		enumeration	41		enumeration	42		enumeration	43		enumeration	50	
Kind	Value	Annotation																																									
enumeration	1																																										
enumeration	2																																										
enumeration	4																																										
enumeration	6																																										
enumeration	10																																										
enumeration	11																																										
enumeration	12																																										
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enumeration	40																																										
enumeration	41																																										
enumeration	42																																										
enumeration	43																																										
enumeration	50																																										

	enumeration 41
annotation	<p>documentation</p> <p>Indicates the type of a Transportation unit.</p> <p>1 Container</p> <p>2 Other intermodal traffic</p> <p>4 Rolling road (RR)</p> <p>6 Semi-trailer on bogies</p> <p>10 Container less than 20'</p> <p>11 Container 20'</p> <p>12 Container 30'</p> <p>13 Container 40'</p> <p>40 Semi-trailer truck/articulated lorry</p> <p>41 Road tractor</p> <p>42 Lorry without trailer</p> <p>43 Lorry with trailer</p> <p>50 Semi-trailer/road semi-trailer</p> <p>51 Swap bodies</p>
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	50	Semi-trailer/road		semi-trailer
	51	Swap		bodies
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attribute **JourneyLocationTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	99	
annotation	documentation		
	01	=	Origin
	02	=	Intermediate
	03	=	Destination
	04	=	Handover
	05	=	Interchange
	06 = Handover and Interchange		
	07	=	State Border
	08	=	None
	09	=	Network border
	99	=	Mutually Defined

```

source <xs:attribute name="JourneyLocationTypeCode">
  <xs:annotation>
    <xs:documentation>
      01 = Origin
      02 = Intermediate
      03 = Destination
      04 = Handover
      05 = Interchange
      06 = Handover and Interchange
      07 = State Border
      08 = None
      09 = Network border
      99 = Mutually Defined
    </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
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      <xs:enumeration value="07"/>
      <xs:enumeration value="08"/>
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  </xs:simpleType>
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attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.0		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Defined
	enumeration	1	documentation not used
	enumeration	2	documentation Track The track is a uniquely defined part of location
	enumeration	3	documentation Private Siding Tracks are not for open access
	enumeration	4	documentation Border Point Code 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"
			documentation Sorting Code Destination station of the wagon has a code in order to provide shunting technology.

	enumeration	5	documentation Vehicle Parking Points documentation All points (tracks)
	enumeration	6	documentation 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

	enumeration	20	Special equipment to facilitate the loading and unloading on the Public Loading Places. 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 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

	enumeration	36	<p>detector Special equipment is in trackside for inspect of the overloaded wagons.</p> <p>documentation</p> <p>Freight yard</p> <p>documentation</p> <p>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</p>
	enumeration	37	<p>documentation</p> <p>Loading point</p> <p>documentation</p> <p>A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.</p>
	enumeration	38	<p>documentation</p> <p>IM Network link</p> <p>documentation</p> <p>It allows to link two locations from different IM Networks</p>
	enumeration	39	<p>documentation</p> <p>Reservation code</p>
	enumeration	40	<p>documentation</p> <p>Metastation</p> <p>documentation</p> <p>To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)</p>
	enumeration	41	<p>documentation</p> <p>CompanySpecificIdentifier</p> <p>documentation</p> <p>Company specific identifier of the primary location</p>
	enumeration	42	<p>documentation</p> <p>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).</p>
	enumeration	43	<p>documentation</p> <p>Passengers cars public loadingIs a type of physical location on the open access network where passengers can put their car on a carrying train</p>
	enumeration	44	<p>documentation</p> <p>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</p>
	enumeration	45	<p>documentation</p> <p>- disposal Sewage dump of Place for cleaning purposes the waste</p>
	enumeration	46	<p>documentation</p> <p>takes Refuelling Point Location where refuelling place</p>
	enumeration	47	<p>documentation</p> <p>supply can be provided for the rolling Mains Supply Location where energy stock e.g. preheating</p>
	enumeration	48	<p>documentation</p>

			supply can be provided for the rolling stock	Water Supply for the rolling stock	Location where water stock
enumeration	49	documentation			
			motion stabled with external air supply for braking systems	Compressed plant air supply for braking systems	Train on a track with braking systems
enumeration	50	documentation			
			interior	Indoor cleaning platform	Cleaning point -
enumeration	51	documentation			
				Car-wash plant	Cleaning point -outdoor
enumeration	52	documentation			
				Short dry-cleaning track	Cleaning point
enumeration	53	documentation			
			floor that avoids pollution of the earth	Pollution protective plate of the earth	Track where below
enumeration	54	documentation			
			filled	Sand-filling station	Location where sand is
enumeration	55	documentation			
			train/wagon/engine	Repair track can	Location where a repaired
enumeration	56	documentation			
			containing	Signal box signalling	The location of a building equipment
enumeration	57	documentation			
			Intermodal Terminal		
enumeration	58	documentation			
			OSJD system based location		
enumeration	66	documentation			
			Location code used within OSJD		
enumeration	90	documentation			
			Legacy ENEE code of the parent primary location		
enumeration	99	documentation			
			Test Loc		
enumeration	99	documentation			
			Relation to Station		

<p>annotation</p>	<p style="text-align: center;">An indicator used to show that this location is a subsidiary of another location.</p> <p>documentation</p> <p>New codes added:</p> <p>42 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).</p> <p>43 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</p> <p>44 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</p> <p>45 Sewage dump Place for cleaning purposes - disposal of the waste</p> <p>46 Refuelling Point Location where refuelling takes place</p> <p>47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating</p> <p>48 Water Supply Location where water supply can be provided for the rolling stock</p> <p>49 Compressed plant Train on a track with motion stabled with external air supply for braking systems</p> <p>50 Indoor cleaning platform Cleaning point -interior</p> <p>51 Car-wash plant Cleaning point -outdoor</p> <p>52 Short dry-cleaning track Cleaning point</p> <p>53 Pollution protective plate Track where floor that avoids pollution of the earth below</p> <p>54 Sand-filling station Location where sand is filled</p> <p>55 Repair track Location where a train/wagon/engine can be repaired</p> <p>56 Signal box The location of a building containing signalling equipment</p> <p>58 OSJD system based location</p>
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	<p>to the track by people and animals.</xs:documentation> </xs:annotation> </xs:enumeration> <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> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>Derailing stop / Trap points / Catch points</xs:documentation> <xs:documentation>Safety equipment is on one rail avoiding any unnecessary moving beyond that point.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Loading equipment</xs:documentation> <xs:documentation>Special equipment to facilitate the loading and unloading on the Public Loading Places.</xs:documentation> </xs:annotation> </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"> <xs:annotation> <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"> <xs:annotation> <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</p>
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<pre> axle-box <xs:documentation>Trackside equipment which detects hot wheels or 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> </pre>	
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	<pre> <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> of Sewage dump Place for cleaning purposes - disposal the waste </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation> place Refuelling Point Location where refuelling takes </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="47"> <xs:annotation> <xs:documentation> provided for the Mains Supply Location where energy supply can be the rolling stock e.g. preheating </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="48"> </pre>
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	<pre> <xs:annotation> <xs:documentation> provided for Water Supply Location where water supply can be the rolling stock </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="49"> <xs:annotation> <xs:documentation> stabled with external air supply for braking systems </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation> Compressed plant Train on a track with motion </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation> Indoor cleaning platform Cleaning point -interior </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="52"> <xs:annotation> <xs:documentation> Car-wash plant Cleaning point -outdoor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="53"> <xs:annotation> <xs:documentation> Short dry-cleaning track Cleaning point </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="54"> <xs:annotation> <xs:documentation> avoids pollution Pollution protective plateTrack where floor that of the earth below </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="55"> <xs:annotation> <xs:documentation> filled Sand-filling station Location where sand is </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="55"> <xs:annotation> <xs:documentation> can Repair track Location where a train/wagon/engine be repaired </xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="56"> <xs:annotation> <xs:documentation> signalling Signal box The location of a building containing 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="66"> <xs:annotation> <xs:documentation>Location ENEE Code</xs:documentation> <xs:documentation>Legacy ENEE code of the parent 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> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>
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attribute **TimingQualifierCode**

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Kind	Value	Annotation					
enumeration	PLA						

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<p>annotation</p>	<p>documentation</p> <p>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</p>
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