

Making the railway system  
work better for society.

## Technical document

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

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

#### *Document History*

<i>Version</i>	<i>Date</i>	<i>Comments</i>
1.0	25.01.2011	Initial version
1.1	15.05.2012	New TAF TSI baseline 5.2
2.0	08.08.2013	All the chapters were revised due to the TAF TSI Revision Process and the TAF TSI CCM WP cycle 2012 – 2013. New TAF TSI baseline 5.3.
2.0	17.10.2013	Validated by the ERA TAF CCB on 11.09.2013

2.1	10.02.2015	All the chapters were revised due to the TAF TSI CCM WP cycle 2013 – 2014. Validated by the ERA TAF CCB on 10.02.2015. New TAF TSI baseline 2.1
2.2	18.03.2018	New TAF TSI baseline 2.2
2.2.2	16.06.2018	Validated by the ERA TAF CCB on 31.05.2018.
2.3.0	30.11.2018	Validated by the ERA TAF CCB on 28.11.2018.
2.3.1	16.04.2020	Hotfix 2.3.1
2.4.0	27.05.2020	Validated by the ERA TAF CCB on 27.05.2020
2.4.1	03.09.2020	Hotfix 2.4.1
2.5.0	15.12.2020	Validated by the ERA TAF CCB on 25.11.2020
3.0.0	15.06.2021	Validated by the ERA TAF CCB on 26.05.2021
3.1.0	15.12.2021	Validated by the ERA TAF CCB on 24.11.2021
3.2.0	15.06.2022	Validated by the ERA TAF CCB on 01.06.2022

## Contents

1.	Summary .....	4
2.	Schema taf_cat_complete.xsd .....	4
3.	Schema taf_cat_codelists.xsd .....	588

## 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 location: [C:\Users\jugelst\OneDrive - European Union Agency for Railways \(ERA\)\Documents\Projects\TAF-TSI\taf\\_cat\\_complete.xsd](C:\Users\jugelst\OneDrive - European Union Agency for Railways (ERA)\Documents\Projects\TAF-TSI\taf_cat_complete.xsd)

attributeFormDefault: **unqualified**

elementFormDefault: **qualified**

targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.2**

Elements	Complex types	Simple types	Attributes
<a href="#">ActualEndDateTime</a>	<a href="#">CargoCodeType</a>	<a href="#">CommunicationRefID</a>	<a href="#">CI_InstanceNumber</a>
<a href="#">ActualETA</a>	<a href="#">CompositIdentifierOperationalType</a>	<a href="#">CompanyCode</a>	
<a href="#">ActualETI</a>	<a href="#">CompositIdentifierPlannedType</a>	<a href="#">CountryIdentISO</a>	
<a href="#">AdditionalInstruction</a>	<a href="#">ConsignmentIdent</a>	<a href="#">DeltaTime</a>	
<a href="#">Address</a>	<a href="#">CustomerCode</a>	<a href="#">DerailmentDetectionDevice</a>	
<a href="#">AdministrativeContactInformation</a>	<a href="#">DanGoodsType</a>	<a href="#">EquipmentNumberType</a>	
<a href="#">AffectedSection</a>	<a href="#">DimensionValue</a>	<a href="#">EquipmentTypeType</a>	
<a href="#">AgainstBooked</a>	<a href="#">LocationIdent</a>	<a href="#">ForwardingRestrictionType</a>	
<a href="#">AgainstReferenced</a>	<a href="#">TrainActivityType</a>	<a href="#">FreeText</a>	
<a href="#">AgreedTimeOfDelivery</a>	<a href="#">ValidityPeriod</a>	<a href="#">LoadUnitNumberType</a>	
<a href="#">AirBrake</a>	<a href="#">WagonTelematics</a>	<a href="#">Name</a>	
<a href="#">AirBrakedMass</a>		<a href="#">NHMCodeType</a>	



<a href="#"><u>AlertMessage</u></a>	<a href="#"><u>Numeric1-5</u></a>
<a href="#"><u>AllocationCompany</u></a>	<a href="#"><u>Numeric1-6</u></a>
<a href="#"><u>Altitude</u></a>	<a href="#"><u>Numeric2-2</u></a>
<a href="#"><u>ArrivalAtDestination</u></a>	<a href="#"><u>Numeric3-3</u></a>
<a href="#"><u>ArrivalInterchangeReport</u></a>	<a href="#"><u>Numeric4-4</u></a>
<a href="#"><u>ArrivalTimeAtDestination</u></a>	<a href="#"><u>Percentage</u></a>
<a href="#"><u>ArrivalTimeAtLocation</u></a>	<a href="#"><u>Speed</u></a>
<a href="#"><u>ArrivalTimeAtLocationActual</u></a>	<a href="#"><u>String1-10</u></a>
<a href="#"><u>ArrivalTrackAtLocation</u></a>	<a href="#"><u>String1-14</u></a>
<a href="#"><u>AssociatedAttachedOTN</u></a>	<a href="#"><u>String1-5</u></a>
<a href="#"><u>AssociatedAttachedTimingAtLocation</u></a>	<a href="#"><u>String1-7</u></a>
<a href="#"><u>AssociatedAttachedTrainID</u></a>	<a href="#"><u>String1-8</u></a>
<a href="#"><u>AssociatedAttachedTrainServiceNumber</u></a>	<a href="#"><u>String4-4</u></a>
<a href="#"><u>BitmapDays</u></a>	<a href="#"><u>String5-5</u></a>
<a href="#"><u>BogiePitch</u></a>	<a href="#"><u>String5-8</u></a>
<a href="#"><u>BogieWagonsOnly</u></a>	<a href="#"><u>Time</u></a>
<a href="#"><u>BookedLocationDateTime</u></a>	<a href="#"><u>VolumeValue</u></a>
<a href="#"><u>BookedLocationTime</u></a>	<a href="#"><u>WagonIdent</u></a>
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<a href="#"><u>BrakingRatio</u></a>	<a href="#"><u>WeightValueTonne</u></a>
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<a href="#"><u>DateNextOverhaul</u></a>	
<a href="#"><u>DatePutIntoService</u></a>	
<a href="#"><u>DeclarationText</u></a>	

[DelayCause](#)  
[DelayCauseTime](#)  
[DelayCodingDateTime](#)  
[DelayEventDateTime](#)  
[DelayEventReport](#)  
[DelayLocation](#)  
[DelayMinutes](#)  
[DeliveryAtDestination](#)  
[DeliveryReference](#)  
[DeliveryTimeAtDestination](#)  
[DeliveryTimeAtInterchange](#)  
[DepartureInterchangeReport](#)  
[DepartureJourneyTrack](#)  
[DepartureTimeAtLocation](#)  
[DepartureTrackAtLocation](#)  
[Destination](#)  
[Dimensions](#)  
[DwellTime](#)  
[eMail](#)  
[EmergencyBrakeOverride](#)  
[EndDate](#)  
[EndDateTime](#)  
[EndLocation](#)  
[ErrorMessage](#)  
[EstimatedEndTime](#)  
[ExceptionalGaugingCode](#)  
[ExceptionalGaugingIdent](#)  
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[ExceptionalGaugingProfile](#)  
[ExceptionPoint](#)  
[ExceptionReason](#)  
[ExceptionTimeAtLocation](#)  
[FaxNumber](#)  
[FerryPermittedFlag](#)  
[FreeTextField](#)  
[FreightFlag](#)  
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[GeographicCoordinates](#)  
[GeoLocalisation](#)  
[GeoLocalisationOnNetwork](#)  
[GNSS\\_DynamicPosition](#)  
[Goods](#)  
[GoodsDescription](#)  
[GoodsInWagon](#)  
[GrossWeight](#)  
[HandBrake](#)  
[HandlingInstruction](#)  
[HandoverPointFlag](#)

[Height](#)[HighestPlannedSpeed](#)[Identifiers](#)[IM Partner](#)[ImpactedRU](#)[IntermediateDestination](#)[InternalReferenceIdentifier](#)[InterruptionDateTime](#)[InterruptionDescription](#)[InterruptionInformation](#)[InterruptionPoint](#)[InterruptionReason](#)[ITU](#)[ITU Details](#)[ITU Type](#)[JourneySection](#)[JourneySectionDestination](#)[JourneySectionOrigin](#)[KeeperShortNameVKM](#)[LastModifiedDateTime](#)[Latitude](#)[LeadRU](#)[Length](#)[LengthOfSetOfCarriages](#)[LengthOverBuffers](#)[LoadArea](#)[LoadingCapacity](#)[LoadingFacility](#)[LoadingStatus](#)[LoadingTackles](#)[Location](#)[LocationActualTrack](#)[LocationDateTime](#)[LocationFileDatasetMessage](#)[LocationModified](#)[LocationPlannedTrack](#)[LocationPrimaryCode](#)[LocationPrimaryInformation](#)[LocationPrimaryName](#)[LocationSubsidiaryCode](#)[LocationSubsidiaryIdentification](#)[LocationSubsidiaryInformation](#)[LocationSubsidiaryName](#)[LocationValidityPeriod](#)[LocoNumber](#)[LocoTypeNumber](#)[Longitude](#)[MaxAxleWeight](#)

[MaxDesignSpeed](#)

[MaxGrossWeight](#)

[MaxLengthOfLoad](#)

[MaxTemp](#)

[Measure](#)

[MessageDateTimeCreated](#)

[MessageHeader](#)

[MessageIdentifier](#)

[MessageReference](#)

[MessageRoutingID](#)

[MessageType](#)

[MessageTypeVersion](#)

[MinBrakedWeightPercent](#)

[MinCurveRadius](#)

[MinTemp](#)

[MinVerticalRadiusYardHump](#)

[ModificationReason](#)

[ModificationStatusIndicator](#)

[Name](#)

[NetworkProjectedLocation](#)

[NetworkSpecificParameter](#)

[NextIntermediateDestination](#)

[NextResponsibleRU](#)

[NHM Code](#)

[Noise](#)

[NoiseByPassLimit](#)

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[NumberOfBogies](#)

[NumberOfVehicles](#)

[ObjectType](#)

[Offset](#)

[OffsetToReference](#)

[OnDemandPath](#)

[OperationalTrainCouplingStrength](#)

[OperationalTrainNumber](#)

[OperationalTrainNumberIdentifier](#)

[OriginCountry](#)

[OverhaulValidityPeriod](#)

[ParkingBrakeForce](#)

[PassengerFlag](#)

[PathCanceledMessage](#)

[PathConfirmedMessage](#)

[PathDetailsMessage](#)

[PathDetailsRefusedMessage](#)

[PathInformation](#)

[PathNotAvailableMessage](#)

[PathRequestMessage](#)

[PermittedTolerance](#)

[PhoneNumber](#)  
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[PlannedDateNextOverhaul](#)  
[PlannedJourneyLocation](#)  
[PlannedSpeed](#)  
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[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](#)  
[ResponsibleIM](#)  
[ResponsibleRU](#)  
[RestrictionsDueToLoadOrDamage](#)  
[RevisedRequest](#)  
[RID](#)  
[RollingRoadUnit](#)  
[RollingStockDataset](#)  
[RollingStockDatasetMessage](#)  
[RollingStockDatasetQueryMessage](#)  
[RouteInformation](#)  
[Routing](#)  
[RP Code](#)  
[RU Partner](#)

[ScheduledDateTimeAtTransfer](#)  
[ScheduledTimeAtHandover](#)  
[ScheduledTimeAtLocation](#)  
[Seals](#)  
[Sender](#)  
[SenderReference](#)  
[Ship](#)  
[SpecialTreatments](#)  
[SRID](#)  
[StartDate](#)  
[StartDateTime](#)  
[StartLocation](#)  
[Station](#)  
[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](#)

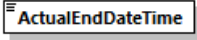
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[Wagons](#)

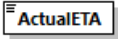
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[WagonTrainPosition](#)

[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/3.2
type	<b>xs:dateTime</b>
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>&lt;xs:element name="ActualEndTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

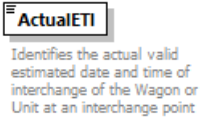
element **ActualETA**

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/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">AlertMessage</a>
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>&lt;xs:element name="ActualETA" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer</pre>

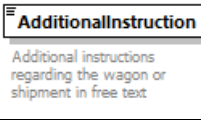


	<pre>siding.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	--

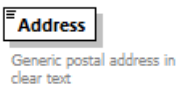
element **ActualETI**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">WagonDeviationMessage</a>
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre>&lt;xs:element name="ActualETI" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

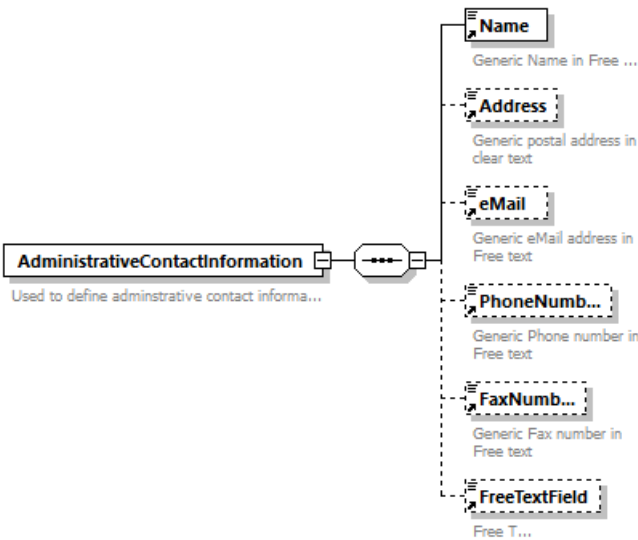
element **AdditionalInstruction**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <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 Additional instructions regarding the wagon or shipment in free text									
source	<pre>&lt;xs:element name="AdditionalInstruction" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional instructions regarding the wagon or shipment in free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **Address**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">AdministrativeContactInformation</a>									
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>&lt;xs:element name="Address" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic postal address in clear text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **AdministrativeContactInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Name</a> <a href="#">Address</a> <a href="#">eMail</a> <a href="#">PhoneNumber</a> <a href="#">FaxNumber</a> <a href="#">FreeTextField</a>
used by	elements <a href="#">Customers</a> <a href="#">ErrorMessage</a> <a href="#">LoadingFacility</a> <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a>
annotation	documentation Used to define administrative contact information
source	<pre>&lt;xs:element name="AdministrativeContactInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used to define administrative contact information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">StartOfSection</a> <a href="#">EndOfSection</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">PlannedCalendar</a> <a href="#">NetworkSpecificParameter</a>
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">ReceiptConfirmationMessage</a>
annotation	documentation Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path
source	<pre> &lt;xs:element   name="AffectedSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication for the recipient if not the entire path is     affected, e.g. in case of a partial cancellation for the last part of the     path&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element         name="StartOfSection"&gt;         &lt;xs:complexType&gt;           &lt;xs:complexContent&gt;             &lt;xs:extension               base="LocationIdent"&gt;               &lt;xs:sequence                 minOccurs="0"&gt;                 &lt;xs:element                   ref="BookedLocationDateTime"                   minOccurs="0"/&gt;                 &lt;xs:element                   ref="BookedLocationTime"                   minOccurs="0"/&gt;               &lt;/xs:sequence&gt;             &lt;/xs:extension&gt;           &lt;/xs:complexContent&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;         </pre>

	<pre> &lt;/xs:element&gt; &lt;xs:element name="EndOfSection"&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"&gt;         &lt;xs:sequence minOccurs="0"&gt;           &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;           &lt;xs:element ref="BookedLocationTime" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/&gt; &lt;xs:element ref="PlannedCalendar"/&gt; &lt;xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **AffectedSection/StartOfSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a> <a href="#">BookedLocationTime</a>
source	<pre> &lt;xs:element name="StartOfSection"&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"&gt;         &lt;xs:sequence minOccurs="0"&gt;           &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt; </pre>

	<pre> &lt;xs:element                ref="BookedLocationTime"                minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
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element **AffectedSection/EndOfSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a> <a href="#">BookedLocationTime</a>
source	<pre> &lt;xs:element                name="EndOfSection"&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension                base="LocationIdent"&gt;         &lt;xs:sequence                minOccurs="0"&gt;           &lt;xs:element                ref="BookedLocationDateTime"                minOccurs="0"/&gt;           &lt;xs:element                ref="BookedLocationTime"                minOccurs="0"/&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

element **AgainstBooked**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">DeltaTime</a>
properties	content simple
used by	element <a href="#">TrainDelay</a>
facets	Kind Value Annotation length 5
annotation	documentation Identifies the Delta delay time against the booked schedule in minutes
source	<pre>&lt;xs:element name="AgainstBooked" type="DeltaTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the Delta delay time against the booked     schedule in minutes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **AgainstReferenced**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">DeltaTime</a>
properties	content simple
used by	element <a href="#">TrainDelay</a>
facets	Kind Value Annotation length 5
annotation	documentation Delay compared to the referenced Date/Time
source	<pre>&lt;xs:element name="AgainstReferenced" type="DeltaTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Delay compared to the referenced     Date/Time&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **AgreedTimeOfDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">xs:dateTime</a>
properties	content simple
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation The requested Date and Time for the delivery of a wagon/Shipments or Intermodal units at customer sidings

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

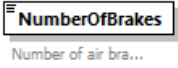
diagram	<p><b>AirBrake</b> Characteristics of Air Bra...</p> <ul style="list-style-type: none"> <li><b>NumberOfBrakes</b> Number of air bra...</li> <li><b>BrakeSystem</b> Abbreviation of air brake system. Following values are examples: Kk; Dr; Bø; Hlk; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</li> <li><b>AirBrakeType</b> Classification of air brake, additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13, ...</li> <li><b>BrakingPowerVariationDevice</b> Coding in 404-2, chapter ...</li> <li><b>AirBrakedMass</b> 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 with...</li> <li><b>LoadChangeDevi...</b> 0, ∞ Specific weights for change over air brake systems</li> <li><b>BrakeSpecialCharacteristics</b> 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 ...</li> </ul>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">NumberOfBrakes</a> <a href="#">BrakeSystem</a> <a href="#">AirBrakeType</a> <a href="#">BrakingPowerVariationDevice</a> <a href="#">AirBrakedMass</a> <a href="#">LoadChangeDevice</a> <a href="#">BrakeSpecialCharacteristics</a>
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
annotation	documentation Characteristics of Air Brakes

source	<pre> &lt;xs:element name="AirBrake"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Characteristics of Air Brakes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NumberOfBrakes" type="Numeric2-2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of air brakes&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="BrakeSystem" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string" value="256"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="AirBrakeType"/&gt;       &lt;xs:element ref="BrakingPowerVariationDevice"/&gt;       &lt;xs:element ref="AirBrakedMass"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; 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)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Specific weights for change over air brake systems&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="ChangeOverWeight" type="Numeric3-3"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Change over weight of braked weight in tonns variation device&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="AirBrakedMassLoaded" type="Numeric3-3"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Braked weight in tonns loaded for change over weight&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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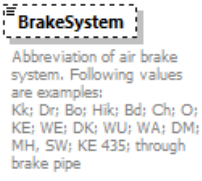


	<pre> &lt;xs:element                                ref="BrakeSpecialCharacteristics"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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### element **AirBrake/NumberOfBrakes**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric2-2</a>									
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> &lt;xs:element                                name="NumberOfBrakes"                type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number      of      air      brakes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

### element **AirBrake/BrakeSystem**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
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> &lt;xs:element                                name="BrakeSystem"                minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction                                base="xs:string"&gt;       &lt;xs:maxLength                                value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

	<pre> &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>
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element **AirBrake/LoadChangeDevice**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">ChangeOverWeight</a> <a href="#">AirBrakedMassLoaded</a>
annotation	documentation Specific weights for change over air brake systems
source	<pre> &lt;xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specific weights for change over air brake systems&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ChangeOverWeight" type="Numeric3-3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Change over weight of braked weight in tonns variation device&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="AirBrakedMassLoaded" type="Numeric3-3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Braked weight in tonns loaded for change over weight&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric3-3</a>
properties	content simple

facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Change over weight of braked weight in tonns variation device
source	<pre>&lt;xs:element name="ChangeOverWeight" type="Numeric3-3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Change over weight of braked weight in tonns variation device&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric3-3</a>
properties	content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Braked weight in tonns loaded for change over weight
source	<pre>&lt;xs:element name="AirBrakedMassLoaded" type="Numeric3-3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Braked weight in tonns loaded for change over weight&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **AirBrakedMass**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:integer</b>
properties	content simple
used by	element <a href="#">AirBrake</a>
facets	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> &lt;xs:element name="AirBrakedMass"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **AlertMessage**


diagram	<p>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 t...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">CommitmentETA</a> <a href="#">ActualETA</a> <a href="#">WagonNumberFreight</a>
annotation	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
source	<pre> &lt;xs:element name="AlertMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="CommitmentETA"/&gt;       &lt;xs:element ref="ActualETA"/&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
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element **AllocationCompany**

diagram	 <p>AllocationCompa...</p> <p>Name of company who is responsible for allocation and maintenance of codes</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">LocationSubsidiaryIdentification</a> <a href="#">LocationSubsidiaryInformation</a>												
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> &lt;xs:element name="AllocationCompany" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of company who is responsible for allocation and maintenance of codes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>												

element **Altitude**

diagram	 <p>Altitude</p> <p>Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -100...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:integer</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
annotation	documentation Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m
source	<pre> &lt;xs:element name="Altitude" type="xs:integer"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>

element **ArrivalAtDestination**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Destination</a> <a href="#">ArrivalTimeAtDestination</a></p>
<p>used by</p>	<p>element <a href="#">WagonArrivalNoticeMessage</a></p>
<p>annotation</p>	<p>documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings</p>
<p>source</p>	<pre>&lt;xs:element name="ArrivalAtDestination"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Destination"/&gt;       &lt;xs:element ref="ArrivalTimeAtDestination"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **ArrivalInterchangeReport**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Source</a> <a href="#">Location</a> <a href="#">ArrivalTimeAtLocation</a> <a href="#">TrainID</a></p>
<p>used by</p>	<p>element <a href="#">WagonETI ETA Message</a></p>
<p>annotation</p>	<p>documentation The arrival or interchange station where ETI end</p>

source	<pre> &lt;xs:element name="ArrivalInterchangeReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The arrival or interchange station where ETI end&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Source"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Source of information&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:enumeration value="Experienced time of arrival"/&gt;             &lt;xs:enumeration value="Real Time Train Situation"/&gt;             &lt;xs:enumeration value="Estimated time of arrival"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="ArrivalTimeAtLocation"/&gt;       &lt;xs:element ref="TrainID" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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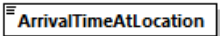
element **ArrivalInterchangeReport/Source**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:string</b>												
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> &lt;xs:element name="Source"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Source of information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="Experienced time of arrival"/&gt;       &lt;xs:enumeration value="Real Time Train Situation"/&gt;       &lt;xs:enumeration value="Estimated time of arrival"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

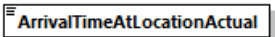
element **ArrivalTimeAtDestination**

diagram	 The actual Date and Time of the arrival of wagons by train at its final destination yard
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">ArrivalAtDestination</a>
annotation	documentation The actual Date and Time of the arrival of wagons by train at its final destination yard
source	<pre>&lt;xs:element name="ArrivalTimeAtDestination" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The actual Date and Time of the arrival of wagons by train at its final destination yard&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ArrivalTimeAtLocation**

diagram	 The actual arrival date and time at the defined location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">ArrivalInterchangeReport</a>
annotation	documentation The actual arrival date and time at the defined location
source	<pre>&lt;xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The actual arrival date and time at the defined location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ArrivalTimeAtLocationActual**

diagram	 The actual arrival date and time at the defined location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">YardArrival</a>



annotation	documentation The actual arrival date and time at the defined location
source	<pre>&lt;xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The actual arrival date and time at the defined location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ArrivalTrackAtLocation**

diagram	<p>The diagram illustrates the structure of the <b>ArrivalTrackAtLocation</b> element. It is a complex type that contains four child elements: <b>CountryCodeISO</b>, <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b>, and <b>LocationSubsidiaryIdentification</b>. The <b>ArrivalTrackAtLocation</b> element is described as identifying the track of the arrival of a train at a reporting point, indicated by the <b>LocationSubsidiaryCode</b> in conjunction with the <b>LocationPrimaryCode</b>. The <b>LocationIdent</b> container includes: <ul style="list-style-type: none"> <li><b>CountryCodeISO</b>: Identifies a Country or State by code (ISO 316...)</li> <li><b>LocationPrimaryCode</b>: Location Name in an offication language of the Country using the ISO Unicode alph...</li> <li><b>PrimaryLocationName</b>: Location Name in an offication language of the Country using the ISO Unicode alph...</li> <li><b>LocationSubsidiaryIdentification</b>: Code, Name and allocation company of Subsidiary Location</li> </ul> </p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
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>&lt;xs:element name="ArrivalTrackAtLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AssociatedAttachedOTN**

diagram	<p>The diagram shows the <b>AssociatedAttachedOTN</b> element, which is a simple type. It is described as identifying the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">String1-8</a>
properties	content simple
used by	complexType <a href="#">TrainActivityType</a>

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

element **AssociatedAttachedTimingAtLocation**

diagram	<p>Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when usin...</p> <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arrival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location De...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TimingAtLocation</a>
used by	complexType <a href="#">TrainActivityType</a>
annotation	documentation Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType
source	<pre>&lt;xs:element name="AssociatedAttachedTimingAtLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the time at location of the associated     attached train or train service number given by AssociatedAttachedTrainID or     AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general,     the Dwell Time element of structure TimingAtLocation is not provided when     using       TrainActivityType&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TimingAtLocation" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **AssociatedAttachedTrainID**

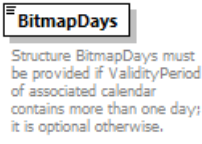
<p>diagram</p>	
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>type</p>	<p><a href="#">CompositIdentifierPlannedType</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>complexType <a href="#">TrainActivityType</a></p>
<p>annotation</p>	<p>documentation TrainID of the Associated Train in an Attach Activity</p>
<p>source</p>	<pre>&lt;xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;TrainID of the Associated Train in an Attach Activity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **AssociatedAttachedTrainServiceNumber**

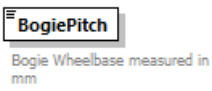
<p>diagram</p>	
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>type</p>	<p><a href="#">String1-8</a></p>
<p>properties</p>	<p>content simple</p>

used by	complexType <a href="#">TrainActivityType</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the associated train service line number for the train activity connecting service									
source	<pre>&lt;xs:element name="AssociatedAttachedTrainServiceNumber" type="String1-8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the associated train service line number for the train activity connecting service&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

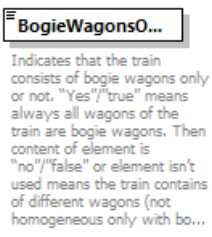
### element **BitmapDays**

diagram	 <p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:string</b>															
properties	content simple															
used by	elements <a href="#">PlannedCalendar</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">RequestedCalendar</a>															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>740</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-1]{1,740}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	740		whiteSpace	collapse		pattern	[0-1]{1,740}	
Kind	Value	Annotation														
minLength	1															
maxLength	740															
whiteSpace	collapse															
pattern	[0-1]{1,740}															
annotation	documentation Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.															
source	<pre>&lt;xs:element name="BitmapDays"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="740"/&gt;       &lt;xs:whiteSpace value="collapse"/&gt;       &lt;xs:pattern value="[0-1]{1,740}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>															

element **BogiePitch**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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> &lt;xs:element name="BogiePitch"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Bogie Wheelbase measured in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **BogieWagonsOnly**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).
source	<pre> &lt;xs:element name="BogieWagonsOnly" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---


### element **BookedLocationDateTime**

diagram	 <p>Scheduled Date and Time of a train at a specified location as defined in the path contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">DelayEventReport</a> <a href="#">AffectedSection/EndOfSection</a> <a href="#">InterruptionPoint</a> <a href="#">JourneySectionDestination</a> <a href="#">JourneySectionOrigin</a> <a href="#">LocationModified</a> <a href="#">AffectedSection/StartOfSection</a> <a href="#">TimingAtLocation/Timing</a> <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>
annotation	documentation Scheduled Date and Time of a train at a specified location as defined in the path contract
source	<pre>&lt;xs:element name="BookedLocationDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specified     location as defined in the path contract&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **BookedLocationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:time</b>
properties	content simple
used by	elements <a href="#">AffectedSection/EndOfSection</a> <a href="#">AffectedSection/StartOfSection</a>
source	<pre>&lt;xs:element name="BookedLocationTime" type="xs:time"/&gt;</pre>

### element **BrakeWeight**

diagram	 <p>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:int</b>						
properties	content simple						
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a> <a href="#">WagonOperationalData</a>						
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> </tbody> </table>	Kind	Value	Annotation	minInclusive	0	
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> &lt;xs:element name="BrakeWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **BrakingRatio**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
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> &lt;xs:element name="BrakingRatio"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:maxInclusive value="999"/&gt;       &lt;xs:minInclusive value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									


element **ChangeofTrackMessage**

<p>diagram</p>	<p><b>MessageHeader</b> Used for all messa...</p> <p><b>MessageStat...</b> Assigned by the Sender 1=Creation, 2=Modification, 3=deletion</p> <p><b>TrainOperationalIdentification</b></p> <p><b>OperationalTrainNumberIdentifier</b></p> <p><b>ReferenceOTN</b></p> <p><b>LocationPlannedTrack</b></p> <p><b>LocationActualTrack</b></p> <p><b>BookedLocationDateTime</b> Scheduled Date and Time of a train at a specified location as defined in the path contract</p> <p><b>TrainLocationStatus</b> Identifies the status of a train related to the actual time at a reporting point</p> <p><b>InterruptionReason</b> This element identifies the reason for an interruption of the train running</p> <p><b>InterruptionDescription</b> 0..∞ The free text description of an interruption</p> <p><b>TransferPoint</b> Transfer point or station of destination in the considered network where the Reference Train Numbers r...</p> <p><b>TransfereelM</b> Next ...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a>  <a href="#">ReferenceOTN</a> <a href="#">LocationPlannedTrack</a> <a href="#">LocationActualTrack</a> <a href="#">BookedLocationDateTime</a> <a href="#">TrainLocationStatus</a>  <a href="#">InterruptionReason</a> <a href="#">InterruptionDescription</a> <a href="#">TransferPoint</a> <a href="#">TransfereelM</a></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>	<pre>&lt;xs:element name="ChangeofTrackMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; This message is issued to show that the train is arriving at another platform to the one that was scheduled&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Assigned by the Sender 1=Creation,</pre>




	<pre> 2=Modification,     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt; &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt; &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt; &lt;xs:element ref="LocationPlannedTrack" minOccurs="0"/&gt; &lt;xs:element ref="LocationActualTrack"/&gt; &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specied location as defined in the path contract&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="TrainLocationStatus" minOccurs="0"/&gt; &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt; &lt;xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element ref="TransferPoint" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Transfer point or station of destination in the considered network where the Reference Train Numbers refers to &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>	
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element **CityTown**

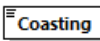
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	restriction of <b>xs:string</b>	
properties	content simple	
facets	Kind	Value Annotation
	minLength	1
	maxLength	35
annotation	documentation Name of the City or Town in Clear Text	
source	<pre> &lt;xs:element name="CityTown"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Name of the City or Town in Clear Text&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="35"/&gt;             &lt;xs:minLength value="1"/&gt;         &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;                 </pre>	

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------


### element **ClosingTime**

diagram	 <p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">VesselIndication</a>
annotation	documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
source	<pre>&lt;xs:element name="ClosingTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


### element **Coasting**

diagram	 <p>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location r...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
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>&lt;xs:element name="Coasting" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


element **Comments**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a>									
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>&lt;xs:element name="Comments" type="FreeText"/&gt;</code>									

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/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">AlertMessage</a>
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	<code>&lt;xs:element name="CommitmentETA" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</code>

element **Company**

diagram	 Identifies a railway company (RU or IM)						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<a href="#">CompanyCode</a>						
properties	content simple						
used by	complexTypees <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>						
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> </tbody> </table>	Kind	Value	Annotation	minLength	4	
Kind	Value	Annotation					
minLength	4						

	<p>maxLength 4</p> <p>pattern [0-9A-Z]{4}</p>
annotation	<p>documentation</p> <p>Identifies a railway company (RU or IM)</p>
source	<pre>&lt;xs:element name="Company" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies a railway company (RU or IM)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ConsignmentNumber**

diagram	
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
type	<p><a href="#">ConsignmentIdent</a></p>
properties	<p>content complex</p>
used by	<p>element <a href="#">WIMO Dataset/ConsignmentLevelData</a></p>
annotation	<p>documentation</p> <p>Reference number assigned to a consignment by a lead RU</p>
source	<pre>&lt;xs:element name="ConsignmentNumber" type="ConsignmentIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference number assigned to a consignment by a lead RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ConsignmentOrderMessage**

diagram	
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
properties	<p>content complex</p>
children	<p><a href="#">MessageHeader</a> <a href="#">COMS</a></p>
annotation	<p>documentation</p> <p>Consignment Order Message from Lead RU to RU</p>
source	<pre>&lt;xs:element name="ConsignmentOrderMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignment Order Message from Lead RU to RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element name="COMS" maxOccurs="50"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="COM_Header"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="SendingRU" type="CompanyCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="ReceivingRU" type="CompanyCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like                 &lt;/xs:annotation&gt;               &lt;/xs:element&gt;             &lt;xs:element name="MessageReferenceNumber" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:minLength value="1"/&gt;                   &lt;xs:maxLength value="18"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Use here a counter, any system.&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;               &lt;/xs:element&gt;             &lt;xs:element name="ShipmentType" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Classification of the wagon order as 'CUV' or 'CIM'.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:token"&gt;                   &lt;xs:enumeration value="CIM"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Regular transport, according in basic to the CIM consignment note.&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="CUV"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="ConsignmentOrderType"/&gt; &lt;xs:element name="COM_PreparationDatetime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of preparation of the COM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"&gt;       &lt;xs:pattern value=".*[+-]\d{2}:\d{2}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="DossierNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="19"/&gt;       &lt;xs:pattern value="\d{4}20\d{2}[0-1][0-9][0- 3]\d{8}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="VersionNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message version number. This number hast to be incremented after each modification. On creation this value has to be set to 0.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="100"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Log of changes made by the LeadRU / contractual carrier during the transport.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>
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```

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

```

	<pre>                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element             ref="ResponsibleRU"/&gt;         &lt;xs:element             name="COM_ConsignmentNumber"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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, &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction                     base="xs:string"&gt;                     &lt;xs:length                         value="6"/&gt;                     &lt;xs:pattern                         value="\d*[1-9]\d*" /&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element             name="ForwardingTrainNumber"             minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Train number at shipping &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction                     base="xs:string"&gt;                     &lt;xs:minLength                         value="1"/&gt;                     &lt;xs:maxLength                         value="6"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element ref="LoadingFacility" minOccurs="0"/&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element     name="DeliveryPoint"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Description of location and time for the hand over of the consignment&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element                 ref="Station"/&gt;             &lt;xs:element                 ref="ProductionStation"                 minOccurs="0"/&gt;             &lt;xs:element                 ref="NextResponsibleRU"                 minOccurs="0"/&gt;             &lt;xs:element                 ref="LoadingFacility"                 minOccurs="0"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element     ref="Customers"     maxOccurs="2"/&gt; &lt;xs:element     name="ConsignorDeclarations"     minOccurs="0"     maxOccurs="10"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt; </pre>
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<p>complete concerning the regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</p> <p>maxOccurs="10"&gt;</p> <p>transport</p> <p>The UN/DIFACT 1001 list of codes is to be used to code accompanying</p>	<pre> &lt;xs:element name="ConsignorDeclarationsCode" type="xs:string"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coded consignor declaration&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;   &lt;xs:element name="GeneralInformation" minOccurs="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;General information about the consignment&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignor's reference complete consignment&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="1"/&gt;           &lt;xs:maxLength value="35"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="WagonGroupInfo" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:maxLength value="500"/&gt;           &lt;xs:minLength value="1"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;   &lt;xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Paper documents accompanying the transport&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DocumentType"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying </pre>
--	---

```

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">
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        <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>

```

<p>free</p> <p>maxOccurs="30"/&gt;</p> <p>procedures</p> <p>customs</p> <p>is</p> <p>minOccurs="0"&gt;</p> <p>RU</p>	<pre>                 &lt;xs:documentation&gt;Additional Text for codes with                 text&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                     &lt;xs:minLength value="1"/&gt;                     &lt;xs:maxLength value="350"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="ContractNumber"/&gt; &lt;xs:element ref="Routing" minOccurs="0"/&gt; &lt;xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/&gt; &lt;xs:element name="CustomsProcedures" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Customs procedures&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element ref="RU_Partner" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Code of the RU entrusted of procedures.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="Location"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="CustomsData" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Customs Data&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="SimplifiedTransportProcedure" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Simplified transport procedure used (STP).&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Code for the principal RU&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 name="CustomsSurveillance"&gt;             </pre>
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<p>surveillance</p> <p>minOccurs="0"&gt;</p> <p>declaration</p> <p>maxOccurs="30"&gt;</p> <p>declaration.</p> <p>type="CompanyCode"&gt;</p> <p>added</p> <p>code.</p> <p>packing</p>	<pre>                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Good under customs             &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:boolean"/&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element name="CustomsEndorsements"             minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Reserved for endorsements by                 customs or a consignor/consignee authorised by customs. Data element in                 accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"                     value="1"/&gt;                 &lt;xs:maxLength value="350"/&gt;             &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;         &lt;/xs:element&gt;         &lt;xs:element name="RU_Declarations" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Carriers             &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;             &lt;xs:sequence&gt;                 &lt;xs:element name="RU_Declaration" minOccurs="0"                     maxOccurs="30"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt;Details of the carriers                     &lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                     &lt;xs:complexType&gt;                         &lt;xs:sequence&gt;                             &lt;xs:element name="DeclaringRU"                                 type="CompanyCode"&gt;                                 &lt;xs:annotation&gt;                                     &lt;xs:documentation&gt;Code of carrier, who                                     added the declaration.&lt;/xs:documentation&gt;                                 &lt;/xs:annotation&gt;                             &lt;/xs:element&gt;                             &lt;xs:element name="RU_DeclarationCode"&gt;                                 &lt;xs:annotation&gt;                                     &lt;xs:documentation&gt;Carrier declaration                                 &lt;/xs:documentation&gt;                             &lt;/xs:annotation&gt;                             &lt;xs:simpleType&gt;                                 &lt;xs:restriction base="xs:string"                                     value="1"&gt;                                     &lt;xs:enumeration   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Without   &lt;/xs:documentation&gt;                                 &lt;/xs:restriction&gt;                             &lt;/xs:simpleType&gt;                         &lt;/xs:sequence&gt;                     &lt;/xs:complexType&gt;                 &lt;/xs:element&gt;             &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;         &lt;/xs:element&gt;             </pre>
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	<p>packaging: ... (give details) &lt;/xs:documentation&gt;</p> <p>packaging: ... (give details) &lt;/xs:documentation&gt;</p> <p>poor condition: ... (give details) &lt;/xs:documentation&gt;</p> <p>damaged: (give details) &lt;/xs:documentation&gt;</p> <p>(give details) &lt;/xs:documentation&gt;</p> <p>(give details) &lt;/xs:documentation&gt;</p> <p>consignor &lt;/xs:documentation&gt;</p> <p>carrier in inclement weather at the request of the consignor &lt;/xs:documentation&gt;</p> <p>consignee &lt;/xs:documentation&gt;</p>	<pre> &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unsatisfactory       details&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Insufficient       details&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods clearly in       (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods       details&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods wet: ...       details&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods frozen: ...       details&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loaded by the       consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loaded by the       carrier in inclement weather at the       request of the consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unloaded by the       consignee&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt; </pre>
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	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Unloaded by the   ...&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Request for     examination in accordance with CIM Article 11 section 3 presented late by the     consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Examination not     made because of a shortage of resources: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Other reserves:     ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
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	<pre> &lt;/xs:element&gt; &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="DifferentAcceptance" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt; &lt;xs:sequence&gt; &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:dateTime"&gt; &lt;xs:pattern value=".*00:00[+- ]\d{2}:\d{2}"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="Wagons" maxOccurs="99"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Contains list of transported Goods, Wagons and ITU etc.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt; &lt;xs:restriction base="xs:string"&gt; &lt;xs:length value="12"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
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	<pre> &lt;/xs:element&gt; &lt;xs:element name="ReferenceOriginalCN" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to the original consignment note between lead RU/contractual carrier and consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="150"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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### element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 1 maxOcc 50 content complex
children	<b>COM Header COM</b>
annotation	documentation Message
source	<pre> &lt;xs:element name="COMS" maxOccurs="50"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="COM_Header"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>



```

        <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: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>

```

	<pre>                 &lt;xs:documentation&gt;Date and Time of preparation of the COM&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction                     base="xs:dateTime"                     value=".*[+-]\d{2}:\d{2}"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element             name="DossierNumber"             minOccurs="0"             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction                     base="xs:string"                     value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element             name="VersionNumber"             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Message version number. This number has to be incremented after each modification. On creation this value has to be set to                 &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction                     base="xs:int"                     value="0"                     value="100"                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element             name="ChangeLog"             minOccurs="0"             maxOccurs="100"             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Log of changes made by the LeadRU / contractual carrier during the transport.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:complexType&gt;                 &lt;xs:sequence&gt;                     &lt;xs:element                         name="DateTime"                         &lt;xs:annotation&gt;                             &lt;xs:documentation&gt;DateTime, when the changes were applied.&lt;/xs:documentation&gt;                         &lt;/xs:annotation&gt;                         &lt;xs:simpleType&gt;                             &lt;xs:restriction                                 base="xs:dateTime"                             &lt;/xs:restriction&gt;                         &lt;/xs:simpleType&gt;                     &lt;/xs:element&gt;                     &lt;xs:element                         name="NumberOfModifiedVersion"                         &lt;xs:annotation&gt;                             &lt;xs:documentation&gt;Version number of the modified message (as also written into COMHeader/COMVersionNumber).&lt;/xs:documentation&gt;                         &lt;/xs:annotation&gt;                         &lt;xs:simpleType&gt;                     &lt;/xs:simpleType&gt;                 &lt;/xs:sequence&gt;             &lt;/xs:complexType&gt;         &lt;/xs:element&gt;     </pre>
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	<pre>                 &lt;xs:restriction base="xs:int"/&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;     &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="COM"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignment order message&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="AcceptancePoint"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Description of location and time for the take over of the consignment&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:complexType&gt;                     &lt;xs:sequence&gt;                         &lt;xs:element ref="Station"/&gt;                         &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;                         &lt;xs:element ref="PreviousResponsibleRU" minOccurs="0"&gt;                             &lt;xs:annotation&gt;                                 &lt;xs:documentation&gt;This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point&lt;/xs:documentation&gt;                             &lt;/xs:annotation&gt;                         &lt;/xs:element&gt;                         &lt;xs:element name="AcceptanceDate" minOccurs="0"&gt;                             &lt;xs:annotation&gt;                                 &lt;xs:documentation&gt;Date and time (month, day and hour) at which the goods were accepted. &lt;/xs:documentation&gt;                             &lt;/xs:annotation&gt;                             &lt;xs:simpleType&gt;                                 &lt;xs:restriction base="xs:dateTime"&gt;                                     &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;                                 &lt;/xs:restriction&gt;                             &lt;/xs:simpleType&gt;                         &lt;/xs:element&gt;                         &lt;xs:element ref="ResponsibleRU"/&gt;                         &lt;xs:element name="COM_ConsignmentNumber"&gt;                             &lt;xs:annotation&gt;                                 &lt;xs:documentation&gt;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, &lt;/xs:documentation&gt;                             &lt;/xs:annotation&gt;                             &lt;xs:simpleType&gt;                                 &lt;xs:restriction base="xs:string"&gt;                                     &lt;xs:length value="6"/&gt;                                     &lt;xs:pattern value="\d*[1-9]\d*"/&gt;                                 &lt;/xs:restriction&gt;                             &lt;/xs:simpleType&gt;                         &lt;/xs:element&gt;                         &lt;xs:element name="ForwardingTrainNumber" minOccurs="0"&gt;                             &lt;xs:annotation&gt; </pre>
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	<pre>                 &lt;xs:documentation&gt;Train number at shipping &lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:simpleType&gt;                     &lt;xs:restriction base="xs:string"&gt;                         &lt;xs:minLength value="1"/&gt;                         &lt;xs:maxLength value="6"/&gt;                     &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;                 &lt;/xs:element&gt;                 &lt;xs:element ref="LoadingFacility" minOccurs="0"/&gt;             &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="DeliveryPoint"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Description of location and time for the hand over of the consignment&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;             &lt;xs:sequence&gt;                 &lt;xs:element ref="Station"/&gt;                 &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;                 &lt;xs:element ref="NextResponsibleRU" minOccurs="0"/&gt;                 &lt;xs:element ref="LoadingFacility" minOccurs="0"/&gt;             &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="Customers" maxOccurs="2"/&gt;     &lt;xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"&gt;         &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;             &lt;xs:sequence&gt;                 &lt;xs:element name="ConsignorDeclarationsCode" type="xs:string"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt;Coded consignor declaration&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                     &lt;/xs:element&gt;                     &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt;                 &lt;/xs:sequence&gt;             &lt;/xs:complexType&gt;         &lt;/xs:element&gt;         &lt;xs:element name="GeneralInformation" minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Genearal information about the complete consignment&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:complexType&gt;                 &lt;xs:sequence&gt;                     &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;                         &lt;xs:annotation&gt;                     </pre>
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<p>complete</p> <p>whole consignment. Comparable with the element WagonInfo, but for all wagons.</p> <p>transport</p> <p>attached document may be entered here.</p>	<pre> &lt;xs:documentation&gt;Consignor's reference concerning the consignment&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="WagonGroupInfo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="500"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Paper documents accompanying the transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DocumentType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="DocumentInformation" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information regarding the attached document may be entered here.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="35"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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<p>is not in the UN/EDIFACT 1001 list included.</p> <p>Specification</p> <p>code</p> <p>text</p> <p>maxOccurs="30"/&gt;</p>	<pre> &lt;/xs:element&gt; &lt;xs:element          ref="Quantity"          minOccurs="0"/&gt; &lt;xs:element name="DocumentTypeDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of document type, when it is not in the UN/EDIFACT 1001 list included.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction          base="xs:string"&gt;       &lt;xs:minLength          value="1"/&gt;       &lt;xs:maxLength          value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element          name="CommercialSpecifications"          minOccurs="0" maxOccurs="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Commercial Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element          name="Code"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Commercial          specifications code&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction          base="xs:token"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element          name="SpecificationText"          minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction          base="xs:string"&gt;             &lt;xs:minLength          value="1"/&gt;             &lt;xs:maxLength          value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element          ref="ContractNumber"/&gt; &lt;xs:element          ref="Routing"          minOccurs="0"/&gt; &lt;xs:element          ref="SpecialTreatments"          minOccurs="0" maxOccurs="30"/&gt; &lt;xs:element          name="CustomsProcedures"          minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customs          procedures&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt; </pre>
---	--

```

        <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: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
            </xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="CustomsSurveillance">
            <xs:annotation>
              <xs:documentation>Good under customs
            </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
            </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>

```

procedures.

used

RU

surveillance

or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).

	<pre> &lt;/xs:element&gt; &lt;xs:element name="RU_Declarations" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Carriers declaration&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Details of the carriers declaration.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Code of carrier, who added the declaration.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="RU_DeclarationCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Carrier declaration code. &lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:enumeration value="1"&gt;                   &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Without packing&lt;/xs:documentation&gt;                   &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="2"&gt;                   &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Unsatisfactory packaging: ... (give details)&lt;/xs:documentation&gt;                   &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="3"&gt;                   &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Insufficient packaging: ... (give details)&lt;/xs:documentation&gt;                   &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="4.1"&gt;                   &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Goods clearly in poor condition: ... (give details)&lt;/xs:documentation&gt;                   &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="4.2"&gt;                   &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Goods damaged: (give details)&lt;/xs:documentation&gt;                   &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---



	<pre> &lt;xs:enumeration value="4.3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods wet: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods frozen: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loaded by the consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loaded by the carrier in inclement weather at the request of the consignor &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unloaded by the consignee&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unloaded by the carrier ...&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
--	---

	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Examination not made because of a shortage of resources: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Other reserves: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="DifferentAcceptance" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:dateTime"&gt;             &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

```

        </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**

<p>diagram</p>	<p><b>SendingRU</b> Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p> <p><b>ReceivingRU</b> Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p> <p><b>MessageReferenceNumber</b> Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</p> <p><b>ShipmentType</b> Classification of the wagon order as 'CUV' o...</p> <p><b>ConsignmentOrderType</b> 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><b>COM_PreparationDatetime</b> Date and Time of preparation of the COM</p> <p><b>DossierNumber</b> Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NN...</p> <p><b>VersionNumber</b> Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p> <p><b>ChangeLog</b> 0..100 Log of changes made by the LeadRU / contractual carrier during the transport.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">SendingRU</a> <a href="#">ReceivingRU</a> <a href="#">MessageReferenceNumber</a> <a href="#">ShipmentType</a> <a href="#">ConsignmentOrderType</a> <a href="#">COM_PreparationDatetime</a> <a href="#">DossierNumber</a> <a href="#">VersionNumber</a> <a href="#">ChangeLog</a></p>
<p>annotation</p>	<p>documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</p>
<p>source</p>	<pre>&lt;xs:element name="COM_Header"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Header containing consignment related key data such as dossiernumber, version number and a change log for</pre>

```

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: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:sequence>
</xs:complexType>

```

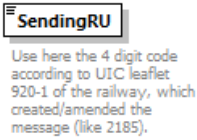
```

</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">
      <xs:length value="19"/>
      <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number has to be
incremented after each modification. On creation this value has to be set to
0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual
carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="NumberOfModifiedVersion">

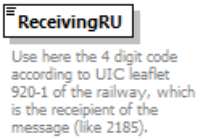
```

also	<pre>                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Version number of the modified message (as                 written into COMHeader/COMVersionNumber).&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:int"/&gt;                 &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;         &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;     &lt;/xs:element&gt;     &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt;             </pre>
------	--

element **ConsignmentOrderMessage/COMS/COM\_Header/SendingRU**

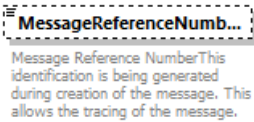
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <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>                 &lt;xs:element name="SendingRU" type="CompanyCode"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-                 1 of the railway, which created/amended the message (like                 2185).&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             </pre>												

element **ConsignmentOrderMessage/COMS/COM\_Header/ReceivingRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">CompanyCode</a>
properties	content simple

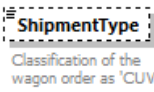
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).	
source	<pre>&lt;xs:element name="ReceivingRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>		

### element **ConsignmentOrderMessage/COMS/COM\_Header/MessageReferenceNumber**

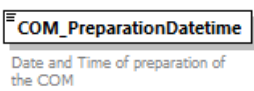
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 18 documentation Use here a counter, any system.
annotation	documentation Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.
source	<pre>&lt;xs:element name="MessageReferenceNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="18"/&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Use here a counter, any system.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>



element **ConsignmentOrderMessage/COMS/COM\_Header/ShipmentType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:token</b>									
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> &lt;xs:element name="ShipmentType" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classification of the wagon order as 'CUV' or 'CIM'.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="CIM"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Regular transport, according in basic to the CIM consignment note.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="CUV"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **ConsignmentOrderMessage/COMS/COM\_Header/COM\_PreparationDatetime**

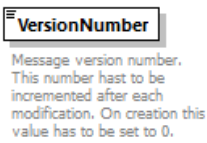
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:dateTime</b>						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>*[+-]\d{2}:\d{2}</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> &lt;xs:element name="COM_PreparationDatetime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of preparation of the COM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"&gt;       &lt;xs:pattern value=".*[+-]\d{2}:\d{2}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

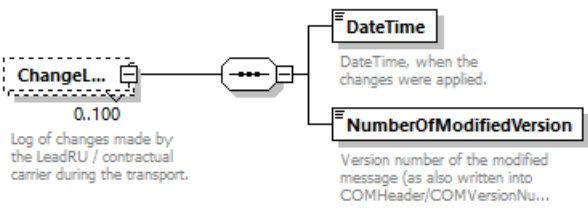
element **ConsignmentOrderMessage/COMS/COM\_Header/DossierNumber**

diagram	 <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NN...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 19 pattern \d{4}20\d{2}[0-1][0-9][0-3]\d{8}
annotation	documentation Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.
source	<pre> &lt;xs:element name="DossierNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="19"/&gt;       &lt;xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderMessage/COMS/COM\_Header/VersionNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
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> &lt;xs:element name="VersionNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Message version number. This number has to be     incremented after each modification. On creation this value has to be set to     0.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="100"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                     </pre>									

element **ConsignmentOrderMessage/COMS/COM\_Header/ChangeLog**

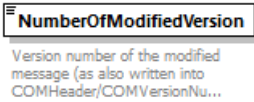
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 100 content complex
children	<b><a href="#">DateTime</a> <a href="#">NumberOfModifiedVersion</a></b>
annotation	documentation Log of changes made by the LeadRU / contractual carrier during the transport.
source	<pre> &lt;xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Log of changes made by the LeadRU / contractual carrier     during the transport.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DateTime"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;DateTime, when the changes were applied.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:base baseURI="http://www.w3.org/2001/XMLSchema#dateTime" type="dateTime"/&gt;       &lt;/xs:element&gt;       &lt;xs:element name="NumberOfModifiedVersion"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Version number of the modified message (as also written into           COMHeader/COMVersionNu...&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:base baseURI="http://www.w3.org/2001/XMLSchema#int" type="int"/&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                     </pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;DateTime, when the changes were applied.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:dateTime"/&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="NumberOfModifiedVersion"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Version number of the modified message (as also written into COMHeader/COMVersionNumber).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM\_Header/ChangeLog/DateTime**

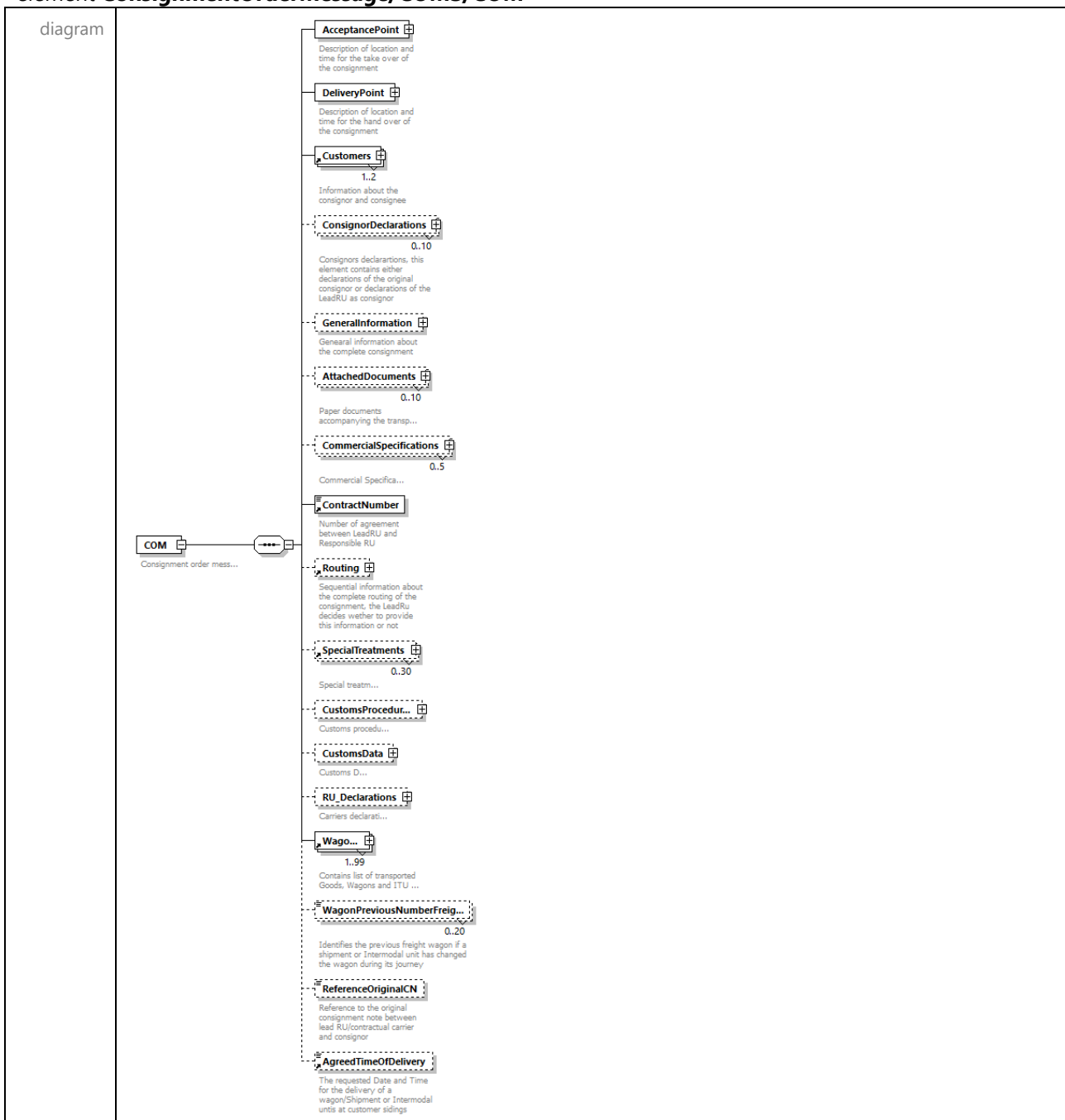
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:dateTime</b>
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> &lt;xs:element name="DateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;DateTime, when the changes were applied.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderMessage/COMS/COM\_Header/ChangeLog/NumberOfModifiedVersion**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:int</b>
properties	content simple
annotation	documentation

	Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<pre> &lt;xs:element name="NumberOfModifiedVersion"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Version number of the modified message (as also written into     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderMessage/COMS/COM**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">AcceptancePoint</a> <a href="#">DeliveryPoint</a> <a href="#">Customers</a> <a href="#">ConsignorDeclarations</a> <a href="#">GeneralInformation</a> <a href="#">AttachedDocuments</a> <a href="#">CommercialSpecifications</a> <a href="#">ContractNumber</a> <a href="#">Routing</a> <a href="#">SpecialTreatments</a> <a href="#">CustomsProcedures</a> <a href="#">CustomsData</a> <a href="#">RU</a> <a href="#">Declarations</a> <a href="#">Wagons</a> <a href="#">WagonPreviousNumberFreight</a> <a href="#">ReferenceOriginalCN</a> <a href="#">AgreedTimeOfDelivery</a>
annotation	documentation Consignment order message
source	<pre> &lt;xs:element name="COM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignment order message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="AcceptancePoint"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Description of location and time for the take over of the consignment&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="Station"/&gt;             &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;             &lt;xs:element ref="PreviousResponsibleRU" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="AcceptanceDate" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date and time (month, day and hour) at which the goods were accepted.               &lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:dateTime"&gt;                   &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="ResponsibleRU"/&gt;             &lt;xs:element name="COM_ConsignmentNumber"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNC The number consists of NNNNN = running number C = check digit,               &lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:length value="6"/&gt;                   &lt;xs:pattern value="\d*[1-9]\d*"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element name="ForwardingTrainNumber" minOccurs="0"&gt;               &lt;xs:annotation&gt; </pre>

	<pre>                 &lt;xs:documentation&gt;Train number at shipping             &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                     &lt;xs:minLength value="1"/&gt;                     &lt;xs:maxLength value="6"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="LoadingFacility" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="DeliveryPoint"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Description of location and time for the hand over of the consignment&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element ref="Station"/&gt;             &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;             &lt;xs:element ref="NextResponsibleRU" minOccurs="0"/&gt;             &lt;xs:element ref="LoadingFacility" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="Customers" maxOccurs="2"/&gt; &lt;xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="ConsignorDeclarationsCode" type="xs:string"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Coded consignor declaration&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="GeneralInformation" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Genearal information about the complete consignment&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Consignor's reference concerning the complete consignment&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="WagonGroupInfo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="500"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Paper documents accompanying the transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DocumentType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="DocumentInformation" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information regarding the attached document may be entered here.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="35"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Quantity" minOccurs="0"/&gt;       &lt;xs:element name="DocumentTypeDescription" minOccurs="0"&gt; </pre>
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<p>not in the UN/EDIFACT 1001 list included.</p>	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Description of document type, when it is &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Commercial Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Code"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Commercial specifications code&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SpecifcationText" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="ContractNumber"/&gt; &lt;xs:element ref="Routing" minOccurs="0"/&gt; &lt;xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/&gt; &lt;xs:element name="CustomsProcedures" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customs procedures&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="RU_Partner" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Code of the RU entrusted of customs procedures.           &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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        </xs:annotation>
      </xs:element>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs Data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code for the principal
RU</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CustomsSurveillance">
        <xs:annotation>
          <xs:documentation>Good under customs
surveillance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CustomsEndorsements" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>

```

<p>declaration.</p> <p>declaration.</p> <p>packing</p> <p>...(give</p> <p>(give</p> <p>condition: ...</p> <p>details)</p> <p>details)</p> <p>details)</p>	<pre> &lt;xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the carriers   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:complexType&gt; &lt;xs:sequence&gt;   &lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Code of carrier, who added the     &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;   &lt;xs:element name="RU_DeclarationCode"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Carrier declaration code.     &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction base="xs:string"&gt;         &lt;xs:enumeration value="1"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Without           &lt;/xs:documentation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="2"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Unsatisfactory packaging:           &lt;/xs:documentation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="3"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Insufficient packaging: ...           &lt;/xs:documentation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="4.1"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Goods clearly in poor           &lt;/xs:documentation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="4.2"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Goods damaged:(give           &lt;/xs:documentation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="4.3"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Goods wet: ... (give           &lt;/xs:documentation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="4.4"&gt;           &lt;xs:annotation&gt; </pre>
---	--

```

                                <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>
                                </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>                 &lt;xs:enumeration value="11"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt;Examination not made because of a shortage of resources: ... (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="12"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt;Other reserves: ... (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;                 &lt;xs:enumeration value="13"&gt;                     &lt;xs:annotation&gt;                         &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                 &lt;/xs:enumeration&gt;             &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="DifferentAcceptance" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;         &lt;xs:sequence&gt;             &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                     &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:dateTime"&gt;                     &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="Wagons" maxOccurs="99"&gt; </pre>
--	---

ITU	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Contains list of transported Goods, Wagons and   etc.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element      name="WagonPreviousNumberFreight"      minOccurs="0" maxOccurs="20"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction      base="xs:string"&gt;       &lt;xs:length      value="12"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element      name="ReferenceOriginalCN"      minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to the original consignment note between lead RU/contractual carrier and consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction      base="xs:string"&gt;       &lt;xs:minLength    value="1"/&gt;       &lt;xs:maxLength    value="150"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element      ref="AgreedTimeOfDelivery"      minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Station</a> <a href="#">ProductionStation</a> <a href="#">PreviousResponsibleRU</a> <a href="#">AcceptanceDate</a> <a href="#">ResponsibleRU</a> <a href="#">COM_ConsignmentNumber</a> <a href="#">ForwardingTrainNumber</a> <a href="#">LoadingFacility</a></p>
<p>annotation</p>	<p>documentation Description of location and time for the take over of the consignment</p>
<p>source</p>	<pre> &lt;xs:element name="AcceptancePoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of location and time for the take over of the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Station"/&gt;       &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;       &lt;xs:element ref="PreviousResponsibleRU" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="AcceptanceDate" minOccurs="0"&gt; </pre>

```

<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>

```

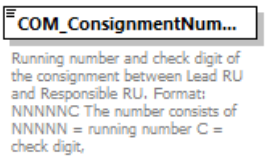
element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:dateTime</b>
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.

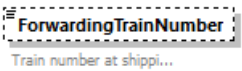


source	<pre> &lt;xs:element name="AcceptanceDate" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and time (month, day and hour) at which the goods were accepted.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:dateTime"&gt;       &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/COM\_ConsignmentNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
annotation	documentation 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> &lt;xs:element name="COM_ConsignmentNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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,     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="6"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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

diagram					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2				
type	restriction of <b>xs:string</b>				
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 6
annotation	documentation Train number at shipping
source	<pre> &lt;xs:element name="ForwardingTrainNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Train number at shipping &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="6"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Station</a> <a href="#">ProductionStation</a> <a href="#">NextResponsibleRU</a> <a href="#">LoadingFacility</a>
annotation	documentation Description of location and time for the hand over of the consignment
source	<pre> &lt;xs:element name="DeliveryPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of location and time for the hand over of the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Station"/&gt;       &lt;xs:element ref="ProductionStation" minOccurs="0"/&gt;       &lt;xs:element ref="NextResponsibleRU" minOccurs="0"/&gt;       &lt;xs:element ref="LoadingFacility" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 10 content complex
children	<a href="#">ConsignorDeclarationsCode</a> <a href="#">DeclarationText</a>
annotation	documentation Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor
source	<pre> &lt;xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignors declarartions, this element contains either     declarations of the original consignor or declarations of the LeadRU as     consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ConsignorDeclarationsCode" type="xs:string"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Coded consignor declaration&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

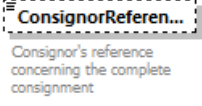
element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations/ConsignorDeclarationsCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:string</b>
properties	content simple
annotation	documentation Coded consignor declaration
source	<pre> &lt;xs:element name="ConsignorDeclarationsCode" type="xs:string"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coded consignor declaration&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>


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

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p><a href="#">ConsignorReference</a> <a href="#">WagonGroupInfo</a></p>
<p>annotation</p>	<p>documentation General information about the complete consignment</p>
<p>source</p>	<pre> &lt;xs:element name="GeneralInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;General information about the complete consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Consignor's reference concerning the complete consignment&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="35"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="WagonGroupInfo" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="500"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

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

diagram	 <p>Consignor's reference concerning the complete consignment</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Consignor's reference concerning the complete consignment
source	<pre> &lt;xs:element name="ConsignorReference" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignor's reference concerning the complete consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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

diagram	 <p>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wag...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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> &lt;xs:element name="WagonGroupInfo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt; </pre>

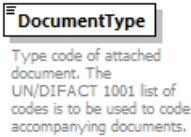
	<pre>&lt;xs:restriction   &lt;xs:maxLength   &lt;xs:minLength &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	<pre>base="xs:string"&gt; value="500"/&gt; value="1"/&gt;</pre>
--	--	---

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

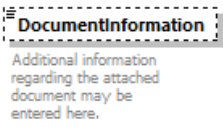
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
properties	minOcc	0	
	maxOcc	10	
	content	complex	
children	<a href="#">DocumentType</a> <a href="#">DocumentInformation</a> <a href="#">Quantity</a> <a href="#">DocumentTypeDescription</a>		
annotation	documentation Paper documents accompanying the transport		
source	<pre>&lt;xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Paper documents accompanying the transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DocumentType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="DocumentInformation" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information regarding the attached document may be entered here.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>		

the	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="Quantity" minOccurs="0"/&gt; &lt;xs:element name="DocumentTypeDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of document type, when it is not in the UN/EDIFACT 1001 list included.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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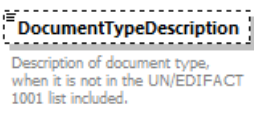
element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
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> &lt;xs:element name="DocumentType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Additional information regarding the attached document may be entered here.
source	<pre> &lt;xs:element name="DocumentInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information regarding the attached document may be entered here.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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> &lt;xs:element name="DocumentTypeDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of document type, when it is not in the UN/EDIFACT 1001 list included.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

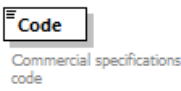


	<pre> &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>
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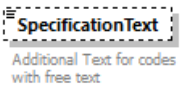
element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 5 content complex
children	<a href="#">Code</a> <a href="#">SpecificationText</a>
annotation	documentation Commercial Specification
source	<pre> &lt;xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Commercial Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Code"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Commercial specifications code&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SpecificationText" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:token</b>
properties	content simple
annotation	documentation Commercial specifications code
source	<pre>&lt;xs:element name="Code"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Commercial specifications code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="SpecificationText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

diagram	<p>The diagram shows a sequence diagram for the <b>CustomsProcedures</b> element. It consists of a sequence of two elements: <b>RU_Partner</b> and <b>Location</b>. The <b>RU_Partner</b> element is described as 'Code of the RU entrusted of customs procedures.' The <b>Location</b> element is described as 'Identifies a Location using a LocationIdent'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">RU_Partner</a> <a href="#">Location</a>
annotation	documentation Customs procedures
source	<pre> &lt;xs:element name="CustomsProcedures" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customs procedures&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="RU_Partner" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Code of the RU entrusted of customs procedures.         &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Location"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

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

diagram	<p>The diagram shows a sequence diagram for the <b>CustomsData</b> element. It consists of a sequence of four elements: <b>SimplifiedTransportProcedure</b>, <b>PrincipalRU</b>, <b>CustomsSurveillance</b>, and <b>CustomsEndorsements</b>. The <b>SimplifiedTransportProcedure</b> element is described as 'Simplified transport procedure is used (STP)'. The <b>PrincipalRU</b> element is described as 'Code for the principal ...'. The <b>CustomsSurveillance</b> element is described as 'Good under customs surveillance'. The <b>CustomsEndorsements</b> element is described as 'Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">SimplifiedTransportProcedure</a> <a href="#">PrincipalRU</a> <a href="#">CustomsSurveillance</a> <a href="#">CustomsEndorsements</a>
annotation	documentation

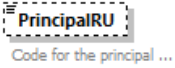
	Customs Data
source	<pre> &lt;xs:element name="CustomsData" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customs Data&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="SimplifiedTransportProcedure" minOccurs="0"&gt;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

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

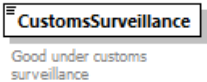
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:boolean</b>

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre>&lt;xs:element name="SimplifiedTransportProcedure" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Simplified transport procedure is used (STP).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:boolean"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

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

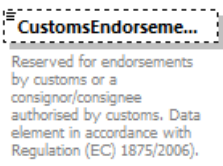
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code for the principal RU												
source	<pre>&lt;xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code for the principal RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

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

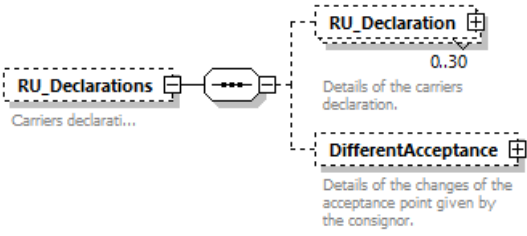
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:boolean</b>
properties	content simple
annotation	documentation Good under customs surveillance
source	<pre>&lt;xs:element name="CustomsSurveillance"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Good under customs surveillance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;</pre>

	<pre>&lt;xs:restriction   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	<pre>base="xs:boolean"/&gt;</pre>
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element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsEndorsements**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table>		Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation									
minLength	1										
maxLength	350										
annotation	documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).										
source	<pre>&lt;xs:element   name="CustomsEndorsements"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reserved for endorsements by customs or a     consignor/consignee authorised by customs. Data element in accordance with     Regulation (EC) 1875/2006).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;       &lt;xs:minLength         value="1"/&gt;       &lt;xs:maxLength         value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>										

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	minOcc 0 maxOcc 1 content complex	
children	<b><a href="#">RU_Declaration</a></b> <b><a href="#">DifferentAcceptance</a></b>	
annotation	documentation Carriers declaration	

source	<pre> &lt;xs:element name="RU_Declarations" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Carriers declaration&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Details of the carriers declaration.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Code of carrier, who added the declaration.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="RU_DeclarationCode"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Carrier declaration code. &lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:enumeration value="1"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Without packing&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="2"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Unsatisfactory packaging: ... (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="3"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Insufficient packaging: ... (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="4.1"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Goods clearly in poor condition: ... (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="4.2"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Goods damaged: (give details)&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="4.3"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;Goods wet: ... (give                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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	<pre> details)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4.4"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Goods frozen: ... (give details)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Loaded by the consignor&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Loaded by the carrier in inclement weather at the request of the consignor &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Unloaded by the consignee&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Unloaded by the carrier in ...&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.1"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.2"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.3"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Request for examination in accordance </pre>
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	<p>with CIM Article 11 section 3 presented late by the consignor&lt;/xs:documentation&gt;</p> <pre> &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Examination not made because of a shortage of resources: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Other reserves: ... (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="DifferentAcceptance" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt; &lt;/xs:element&gt;       &lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:dateTime"&gt;             &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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	<pre> &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
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element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations/RU\_Declaration**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 30 content complex
children	<a href="#">DeclaringRU</a> <a href="#">RU_DeclarationCode</a> <a href="#">DeclarationText</a>
annotation	documentation Details of the carriers declaration.
source	<pre> &lt;xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the carriers declaration.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Code of carrier, who added the declaration.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="RU_DeclarationCode"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Carrier declaration code. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:enumeration value="1"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Without packing&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="2"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Unsatisfactory packaging: ...(give details)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="3"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Insufficient packaging: ... (give details)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

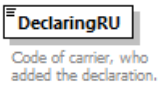
```

</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">
  <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>

```

	<pre>                 &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="9.3"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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             &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="10"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Request for examination in accordance with                 CIM Article 11 section 3 presented late by the consignor&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="11"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Examination not made because of a shortage                 of resources: ... (give details)&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="12"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Other reserves: ... (give                 details)&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;         &lt;xs:enumeration value="13"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="DeclarationText" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>
--	---

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations/RU\_Declaration/DeclaringRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">CompanyCode</a>
properties	content simple

facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	Code of carrier, who added the declaration.	
source	<pre>&lt;xs:element name="DeclaringRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of carrier, who added the declaration.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>		

element

**ConsignmentOrderMessage/COMS/COM/RU\_Declarations/RU\_Declaration/RU\_DeclarationCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
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

	<p>enumeration 11 the consignor documentation Examination not made because of a shortage of resources: ... (give details)</p> <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> &lt;xs:element name="RU_DeclarationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Carrier declaration code. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Without packing&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Unsatisfactory packaging: ... (give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Insufficient packaging: ... (give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4.1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Goods clearly in poor condition: ... (give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4.2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Goods damaged:(give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4.3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Goods wet: ... (give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4.4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Goods frozen: ... (give details)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="5"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Loaded by the consignor&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loaded by the carrier in inclement weather at the request      of      the      consignor      &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unloaded by the consignee&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Unloaded by the carrier in ...&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9.3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Examination not made because of a shortage of resources:      ...      (give      details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Other      reserves:      ...      (give details)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt; </pre>
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	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;         </pre>
--	--

element **ConsignmentOrderMessage/COMS/COM/RU\_Declarations/DifferentAcceptance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">DifferentAcceptancePoint</a> <a href="#">DifferentAcceptanceDate</a>
annotation	documentation Details of the changes of the acceptance point given by the consignor.
source	<pre> &lt;xs:element name="DifferentAcceptance" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of the changes of the acceptance point given by the consignor.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:dateTime"&gt;             &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>



element

**ConsignmentOrderMessage/COMS/COM/RU\_Declarations/DifferentAcceptance/DifferentAcceptancePoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.
source	<pre>&lt;xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Variance of acceptance point given in structure AcceptancePoint.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

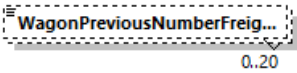
element

**ConsignmentOrderMessage/COMS/COM/RU\_Declarations/DifferentAcceptance/DifferentAcceptanceDate**

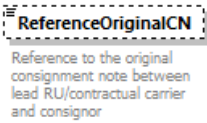
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00:00[+ -]\d{2}:\d{2}
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre>&lt;xs:element name="DifferentAcceptanceDate" minOccurs="0"&gt;   &lt;xs:annotation&gt;</pre>

	<pre> &lt;xs:documentation&gt;Variance of acceptance date given structure AcceptancePoint.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:dateTime"&gt;     &lt;xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

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


diagram	 <p>0..20</p> <p>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	minOcc 0 maxOcc 20 content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>12</td> <td></td> </tr> </table>	Kind	Value	Annotation	length	12	
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> &lt;xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="12"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

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

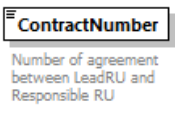
diagram	 <p>Reference to the original consignment note between lead RU/contractual carrier and consignor</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <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>150</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	150	
Kind	Value	Annotation								
minLength	1									
maxLength	150									

annotation	documentation Reference to the original consignment note between lead RU/contractual carrier and consignor
source	<pre>&lt;xs:element name="ReferenceOriginalCN" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to the original consignment note between lead RU/contractual carrier and consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="150"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### element **ContainerHandlingFlag**

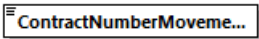
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation This establishment is able to handle container traffic
source	<pre>&lt;xs:element name="ContainerHandlingFlag" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This establishment is able to handle container traffic&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **ContractNumber**

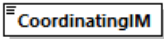
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData</a>									
facets	<table border="1"> <thead> <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>&lt;xs:element name="ContractNumber"&gt;</pre>									

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Number of agreement between LeadRU and Responsible   RU&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;has to be sent as n6 (with leading zeros if         necessary)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:minLength&gt;     &lt;xs:maxLength value="6"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **ContractNumberMovement**


diagram	 <p>Identifies the contract between LeadRU and RU involved in the transport</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
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> &lt;xs:element name="ContractNumberMovement" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the contract between LeadRU and RU involved     in the transport&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </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 ...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">CompanyCode</a>

properties	content simple												
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<p>documentation</p> <p>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>												
source	<pre>&lt;xs:element name="CoordinatingIM" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

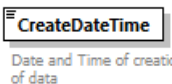
### element Core

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/3.2															
type	restriction of <b>xs:string</b>															
properties	content simple															
used by	complexTypees <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>12</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[\-\*0-9A-Z]{12}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	12		maxLength	12		whiteSpace	replace		pattern	[\-\*0-9A-Z]{12}	
Kind	Value	Annotation														
minLength	12															
maxLength	12															
whiteSpace	replace															
pattern	[\-\*0-9A-Z]{12}															
annotation	<p>documentation</p> <p>It is the main part of identifier and is determined by the company that creates it.</p>															
source	<pre>&lt;xs:element name="Core"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;It is the main part of identifier and is determined by     the company that creates it.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="12"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="12"/&gt;       &lt;xs:pattern value="[\-\*0-9A-Z]{12}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>															

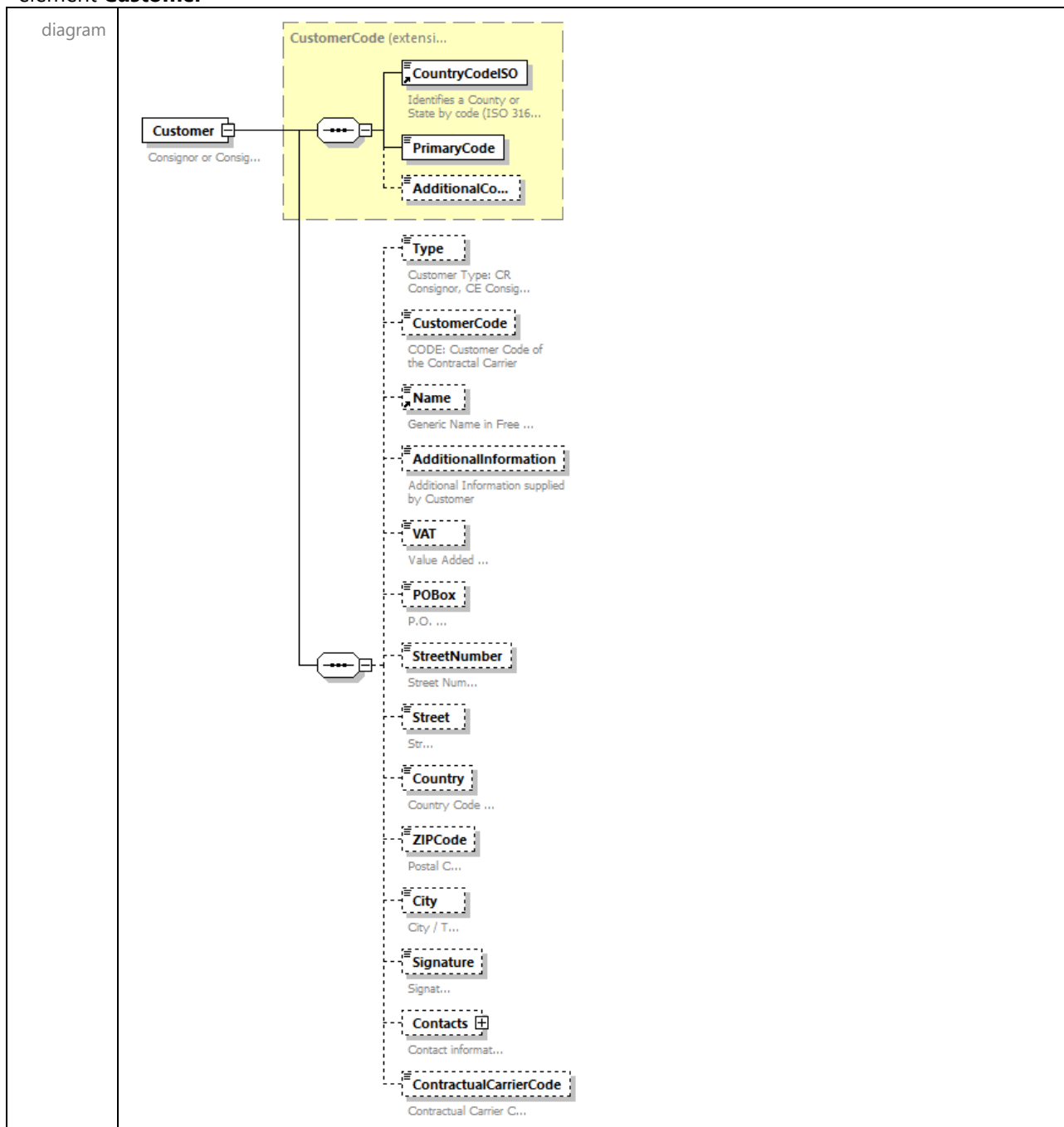
element **CountryCodeISO**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	extension of <a href="#">CountryIdentISO</a>									
properties	content complex									
used by	<p>elements <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber</a>  <a href="#">RollingRoadUnit/RollingRoadUnitDetails/Haulier</a> <a href="#">LocationFileDatasetMessage</a>  <a href="#">RollingRoadUnit/RollingRoadUnitDetails/Vehicles</a></p> <p>complexType <a href="#">CustomerCode</a> <a href="#">LocationIdent</a></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	documentation Identifies a County or State by code (ISO 3166-1)									
source	<pre>&lt;xs:element name="CountryCodeISO"   &lt;xs:annotation     &lt;xs:documentation&gt;Identifies a County or State by code (ISO 3166-1)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType     &lt;xs:simpleContent       &lt;xs:extension base="CountryIdentISO"/&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>									

element **CreateDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Date and Time of creation of data
source	<pre>&lt;xs:element name="CreateDateTime" type="xs:dateTime"   &lt;xs:annotation     &lt;xs:documentation&gt;Date and Time of creation of data &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Customer**



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	extension of <a href="#">CustomerCode</a>	
properties	content	complex
children	<a href="#">CountryCodeISO</a> <a href="#">PrimaryCode</a> <a href="#">AdditionalCode</a> <a href="#">Type</a> <a href="#">CustomerCode</a> <a href="#">Name</a> <a href="#">AdditionalInformation</a> <a href="#">VAT</a> <a href="#">POBox</a> <a href="#">StreetNumber</a> <a href="#">Street</a> <a href="#">Country</a> <a href="#">ZIPCode</a> <a href="#">City</a> <a href="#">Signature</a> <a href="#">Contacts</a> <a href="#">ContractualCarrierCode</a>	
used by	element	<a href="#">WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation	Consignor or Consignee
source	<pre>&lt;xs:element   &lt;xs:annotation</pre>	<pre>name="Customer"&gt;</pre>

```

<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>
            <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>


```

```

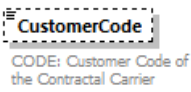
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Signature" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Signature</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <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>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

element **Customer/Type**

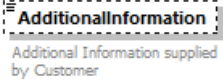
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:token</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration CR enumeration CE
annotation	documentation Customer Type: CR Consignor, CE Consignee
source	<pre>&lt;xs:element name="Type" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Customer Type: CR Consignor, CE Consignee&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="CR"/&gt;       &lt;xs:enumeration value="CE"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customer/CustomerCode**

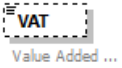
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 16
annotation	documentation CODE: Customer Code of the Contractual Carrier
source	<pre>&lt;xs:element name="CustomerCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;CODE: Customer Code of the Contractual Carrier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="16"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

element **Customer/AdditionalInformation**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>45</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	45	
Kind	Value	Annotation								
minLength	1									
maxLength	45									
annotation	documentation Additional Information supplied by Customer									
source	<pre>&lt;xs:element name="AdditionalInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Information supplied by Customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="45"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Customer/VAT**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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>25</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Value Added Tax									
source	<pre>&lt;xs:element name="VAT" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Value Added Tax&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;</pre>									

	<pre> &lt;xs:minLength   value="1"/&gt; &lt;xs:maxLength   value="25"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

### element **Customer/POBox**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation P.O. Box									
source	<pre> &lt;xs:element   name="POBox"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P.O.       Box&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;       &lt;xs:minLength         value="1"/&gt;       &lt;xs:maxLength         value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

### element **Customer/StreetNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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> &lt;xs:element   name="StreetNumber"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Street       Number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt; </pre>									

	<pre> &lt;xs:restriction   &lt;xs:minLength   &lt;xs:maxLength &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> base="xs:string"&gt; value="1"/&gt; value="5"/&gt; </pre>
--	--	---

### element **Customer/Street**

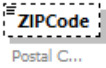
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation									
minLength	1										
maxLength	35										
annotation	documentation Street										
source	<pre> &lt;xs:element   name="Street"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Street&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;         &lt;xs:minLength           value="1"/&gt;         &lt;xs:maxLength           value="35"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>										

### element **Customer/Country**


diagram								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2							
type	restriction of <b>xs:string</b>							
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>2</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	length	2	
Kind	Value	Annotation						
length	2							
annotation	documentation Country Code ISO							
source	<pre> &lt;xs:element   name="Country"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Country       Code       ISO&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt; </pre>							

	<pre> &lt;xs:restriction   &lt;xs:length   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> base="xs:string"&gt; value="2"/&gt; </pre>
--	--	--

### element **Customer/ZIPCode**


diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation									
minLength	1										
maxLength	9										
annotation	documentation Postal Code										
source	<pre> &lt;xs:element   name="ZIPCode"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Postal                                 Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;         &lt;xs:minLength           value="1"/&gt;         &lt;xs:maxLength           value="9"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt; </pre>										

### element **Customer/City**

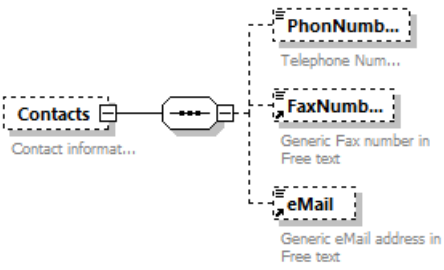
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation									
minLength	1										
maxLength	35										
annotation	documentation City / Town										
source	<pre> &lt;xs:element   name="City"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;City                                 /                                 Town&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt; </pre>										

	<pre> &lt;xs:restriction   &lt;xs:minLength   &lt;xs:maxLength &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> base="xs:string"&gt;   value="1"/&gt;   value="35"/&gt; </pre>
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element **Customer/Signature**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation									
minLength	1										
maxLength	35										
annotation	documentation Signature										
source	<pre> &lt;xs:element   name="Signature"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Signature&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;         &lt;xs:minLength         &lt;xs:maxLength         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt; </pre>										

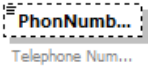
element **Customer/Contacts**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	minOcc 0 maxOcc 1 content complex	
children	<a href="#">PhonNumber</a> <a href="#">FaxNumber</a> <a href="#">eMail</a>	
annotation	documentation Contact information	
source	<pre> &lt;xs:element   name="Contacts"   minOccurs="0"&gt; </pre>	

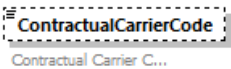


	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Contact                                 information&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element       name="PhonNumber"       minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Telephone                                 Number&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction           base="xs:string"&gt;           &lt;xs:minLength             value="1"/&gt;           &lt;xs:maxLength             value="30"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;xs:element       ref="FaxNumber"       minOccurs="0"/&gt;     &lt;xs:element       ref="eMail"       minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **Customer/Contacts/PhonNumber**

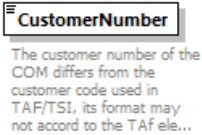
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Telephone Number
source	<pre> &lt;xs:element   name="PhonNumber"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Telephone                                 Number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;       &lt;xs:minLength         value="1"/&gt;       &lt;xs:maxLength         value="30"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>

element **Customer/ContractualCarrierCode**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 4
annotation	documentation Contractual Carrier Code
source	<pre>&lt;xs:element name="ContractualCarrierCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Contractual Carrier Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>


### element **CustomerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
used by	elements <a href="#">Customers LoadingFacility</a>
facets	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>&lt;xs:element name="CustomerNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="16"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Customers**

<p>diagram</p>	<pre> classDiagram     class Customers {         CustomerType*         AdministrativeContactInformation*         LeadRU*     }     class CustomerType {         CR         CE     }     class CustomerNumber     class AdministrativeContactInformation     class LeadRU     </pre>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">CustomerType</a> <a href="#">CustomerNumber</a> <a href="#">AdministrativeContactInformation</a> <a href="#">LeadRU</a></p>
<p>used by</p>	<p>elements <a href="#">ConsignmentOrderMessage/COMS/COM</a> <a href="#">WagonDeliveryNoticeMessage</a>  <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonReleaseNoticeMessage</a></p>
<p>annotation</p>	<p>documentation  Information about the consignor and consignee</p>
<p>source</p>	<pre> &lt;xs:element name="Customers"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information about the consignor and consignee&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="CustomerType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type of participation CR: Consignor CE: Consignee&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:enumeration value="CR"/&gt;             &lt;xs:enumeration value="CE"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:sequence&gt;         &lt;xs:element ref="CustomerNumber" minOccurs="0"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;CustomerNumber&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element ref="AdministrativeContactInformation"/&gt;         &lt;xs:element ref="LeadRU"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;     </pre>

element **Customers/CustomerType**


diagram	 <p>CustomerType Type of participation CR: Consignor CE: Consign...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	CR		enumeration	CE	
Kind	Value	Annotation								
enumeration	CR									
enumeration	CE									
annotation	documentation Type of participation CR: Consignor CE: Consignee									
source	<pre> &lt;xs:element name="CustomerType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of participation CR: Consignor CE: Consignee   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="CR"/&gt;       &lt;xs:enumeration value="CE"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                     </pre>									

element **DangerousGoodsIndication**


<p>diagram</p>	
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>type</p>	<p><b>DanGoodsType</b></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">HazardIdentificationNumber</a> <a href="#">UN Number</a> <a href="#">DangerLabel</a> <a href="#">RID Class</a> <a href="#">PackingGroup</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a> <a href="#">LimitedQuantityIndicator</a></p>
<p>used by</p>	<p>elements <a href="#">WIMO Dataset/ConsignmentLevelData</a> <a href="#">WagonOperationalData/DangerousGoodsDetails</a> <a href="#">PlannedTrainData RID WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a></p>
<p>annotation</p>	<p>documentation Identifies dangerous goods</p>
<p>source</p>	<p><code>&lt;xs:element name="DangerousGoodsIndication" type="DanGoodsType" &gt;</code> <code>&lt;xs:annotation&gt;</code></p>

	<pre>&lt;xs:documentation&gt;Identifies dangerous goods&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---


**element DangerousGoodsIndicator**

diagram	 <p>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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">TrainRunningData</a>
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>&lt;xs:element name="DangerousGoodsIndicator" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


**element DangerousGoodsVolume**

diagram	 <p>The volume of the dangerous goods in cubic ...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>VolumeValue</b>
properties	content simple
used by	element <a href="#">SummaryOFGoodsWithSameRID</a>
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre>&lt;xs:element name="DangerousGoodsVolume" type="VolumeValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The volume of the dangerous goods in cubic     meters&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

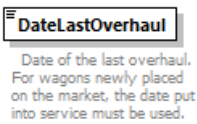
element **DangerousGoodsWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">WeightValueKilo</a>
properties	content simple
used by	element <a href="#">SummaryOfGoodsWithSameRID</a> complexType <a href="#">DanGoodsType</a>
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation The weight of dangerous goods in kilograms
source	<pre>&lt;xs:element name="DangerousGoodsWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight of dangerous goods in kilograms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Date**

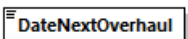
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
annotation	documentation Date
source	<pre>&lt;xs:element name="Date" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **DateLastOverhaul**

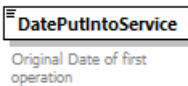
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>

annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
source	<pre>&lt;xs:element name="DateLastOverhaul" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

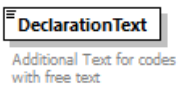
### element **DateNextOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
source	<pre>&lt;xs:element name="DateNextOverhaul" type="xs:date"/&gt;</pre>

### element **DatePutIntoService**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/AdministrativeDataSet</a>
annotation	documentation Original Date of first operation
source	<pre>&lt;xs:element name="DatePutIntoService" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Original Date of first operation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


### element **DeclarationText**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations</a> <a href="#">ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration</a>
facets	Kind Value Annotation minLength 1



	maxLength 350
annotation	documentation Additional Text for codes with free text
source	<pre> &lt;xs:element name="DeclarationText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **DelayCause**

diagram																																																																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																					
type	<b>DelayCode</b>																																																																					
properties	content simple																																																																					
used by	elements <a href="#">DelayCauseTime</a> <a href="#">TrainReadyMessage/TrainReadyStatus</a> <a href="#">TrainReadyStatus</a>																																																																					
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	
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annotation	<p>documentation</p> <p>This element identifies the reason for a delay (modified DelayReason)</p>
source	<pre>&lt;xs:element name="DelayCause" type="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the reason for a delay (modified DelayReason)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **DelayCauseTime**

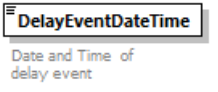
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">DelayCause</a> <a href="#">DelayMinutes</a> <a href="#">DelayEventDateTime</a> <a href="#">InternalReferenceIdentifier</a> <a href="#">DelayCodingDateTime</a> <a href="#">Remarks</a></p>
<p>used by</p>	<p>element <a href="#">DelayEventReport</a></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> &lt;xs:element name="DelayCauseTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="DelayCause"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Describes the reason for a delay&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DelayMinutes"/&gt;       &lt;xs:element ref="DelayEventDateTime"/&gt;       &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;The link to the System Reference&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DelayCodingDateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date and Time of the coding of the delay&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Remarks" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
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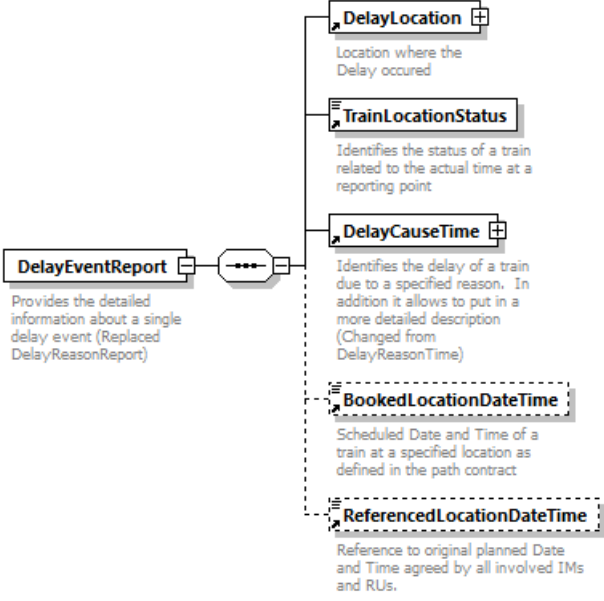
element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">DelayCauseTime</a>
annotation	documentation Date and Time of the coding of the delay
source	<pre> &lt;xs:element name="DelayCodingDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of the coding of the delay&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>

element **DelayEventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">DelayCauseTime</a>
annotation	documentation Date and Time of delay event
source	<pre> &lt;xs:element name="DelayEventDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of delay event &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>

element **DelayEventReport**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">DelayLocation</a> <a href="#">TrainLocationStatus</a> <a href="#">DelayCauseTime</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a></p>
<p>used by</p>	<p>element <a href="#">TrainDelayCauseMessage</a></p>
<p>annotation</p>	<p>documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)</p>
<p>source</p>	<pre> &lt;xs:element name="DelayEventReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Provides the detailed information about a single delay event (Replaced DelayReasonReport)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="DelayLocation"/&gt;       &lt;xs:element ref="TrainLocationStatus"/&gt;       &lt;xs:element ref="DelayCauseTime"/&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specified location as defined in the path contract&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ReferencedLocationDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **DelayLocation**

diagram	<p>The diagram shows the <b>DelayLocation</b> element (Location where the Delay occurred) containing a <b>LocationIdent</b> complex type. <b>LocationIdent</b> is composed of four child elements: <b>CountryCodeISO</b> (Identifies a County or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	element <a href="#">DelayEventReport</a>
annotation	documentation Location where the Delay occurred
source	<pre>&lt;xs:element name="DelayLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Location where the Delay occurred&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **DelayMinutes**

diagram	<p>The diagram shows the <b>DelayMinutes</b> element (Identifieis the delay (in minutes) of a train for a specified cause).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">String1-5</a>									
properties	content simple									
used by	element <a href="#">DelayCauseTime</a>									
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>&lt;xs:element name="DelayMinutes" type="String1-5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifieis the delay (in minutes) of a train for a     specified cause&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									


element **DeliveryAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Destination</a> <a href="#">DeliveryTimeAtDestination</a>
used by	element <a href="#">WagonDeliveryNoticeMessage</a>
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer
source	<pre> &lt;xs:element name="DeliveryAtDestination"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Place, Date and Time when the wagon is ready to be picked up by the customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Destination"/&gt;       &lt;xs:element ref="DeliveryTimeAtDestination"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

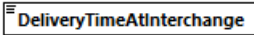
element **DeliveryReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	elements <a href="#">ITU Details Wagons/WagonDetails</a>									
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> &lt;xs:element name="DeliveryReference"&gt;   &lt;xs:annotation/&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="30"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **DeliveryTimeAtDestination**

diagram	 <p>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">DeliveryAtDestination</a>
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>&lt;xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **DeliveryTimeAtInterchange**

diagram	 <p>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will ch...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">NextIntermediateDestination</a>
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>&lt;xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>



element **DepartureInterchangeReport**

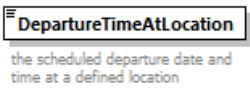
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a> <a href="#">TrainID</a>
used by	element <a href="#">WagonETI</a> <a href="#">ETA</a> <a href="#">Message</a>
annotation	documentation Departure or interchange station ETI Origin
source	<pre> &lt;xs:element name="DepartureInterchangeReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Departure or interchange station ETI Origin&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="DepartureTimeAtLocation"/&gt;       &lt;xs:element ref="TrainID" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **DepartureJourneyTrack**

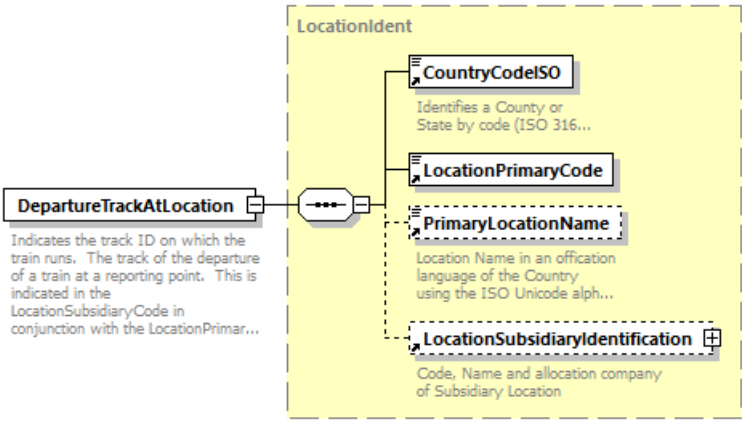
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Indicates the track ID on which the train will start its journey.

source	<pre>&lt;xs:element name="DepartureJourneyTrack" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the track ID on which the train will start its journey.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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**element DepartureTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">DepartureInterchangeReport</a> <a href="#">WagonAtDeparture</a> <a href="#">WagonPickupAtOrigin</a> <a href="#">YardDeparture</a>
annotation	documentation the scheduled departure date and time at a defined location
source	<pre>&lt;xs:element name="DepartureTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;the scheduled departure date and time at a defined location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

**element DepartureTrackAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	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.
source	<pre>&lt;xs:element name="DepartureTrackAtLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;</pre>

	<pre> &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>
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element **Destination**


diagram	<p>The diagram shows a class 'Destination' with a dashed line connecting it to a class 'LocationIdent'. 'LocationIdent' is a complex class containing four sub-elements: 'CountryCodeISO' (Identifies a County or State by code (ISO 316...)), 'LocationPrimaryCode', 'PrimaryLocationName' (Location Name in an offication language of the Country using the ISO Unicode alph...), and 'LocationSubsidiaryIdentification' (Code, Name and allocation company of Subsidiary Location).</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	elements <a href="#">ArrivalAtDestination</a> <a href="#">WIMO Dataset/ConsignmentLevelData</a> <a href="#">DeliveryAtDestination</a>
annotation	documentation Destination Location
source	<pre> &lt;xs:element name="Destination" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Destination Location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>

element **Dimensions**

diagram	<p>The diagram shows a class 'Dimensions' with a dashed line connecting it to a class 'LengthCo...'. 'LengthCo...' is a complex class containing three sub-elements: 'Leng...' (Length of I...), 'Width' (Width of I...), and 'Height' (Height of I...).</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
properties	content complex


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

element **Dimensions/LengthCode**

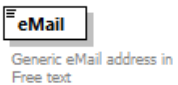
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>10</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </tbody> </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> &lt;xs:element name="LengthCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length code according to UIC leaflet 592-2&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: UIC leaflet 592-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt; </pre>									

	<pre> &lt;xs:totalDigits   &lt;xs:minInclusive     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> value="2"/&gt; value="10"/&gt; </pre>
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### element **DwellTime**

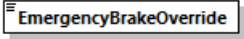
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:decimal</b>						
properties	content simple						
used by	element <a href="#">TimingAtLocation</a>						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	fractionDigits	1	
Kind	Value	Annotation					
fractionDigits	1						
annotation	documentation The minimum duration of dwell time expressed in minutes						
source	<pre> &lt;xs:element   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The minimum duration of dwell time expressed in minutes   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       &lt;xs:fractionDigits         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt; </pre>						

### element **eMail**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">CommunicationRefID</a>									
properties	content simple									
used by	elements <a href="#">AdministrativeContactInformation</a> <a href="#">Customer/Contacts</a>									
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 eMail address in Free text									
source	<pre> &lt;xs:element   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic eMail address in Free text&lt;/xs:documentation&gt; </pre>									

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
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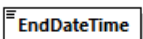
### element **EmergencyBrakeOverride**

diagram	 <p>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre>&lt;xs:element name="EmergencyBrakeOverride" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Ability of the whole train (all wagons and traction units) to override the emergency brake signal&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **EndDate**

diagram	 <p>The end date/time in eff...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
used by	complexType <a href="#">ValidityPeriod</a>
annotation	documentation The end date/time in effect
source	<pre>&lt;xs:element name="EndDate" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The end date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **EndDateTime**

diagram	 <p>The end date/time in eff...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple

used by	elements <a href="#">RequestedPeriod</a> <a href="#">RequestedTimeframe</a> <a href="#">ValidityPeriod</a>
annotation	documentation The end date/time in effect
source	<pre>&lt;xs:element name="EndTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The end date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **EndLocation**

diagram	<p>The diagram shows a class <b>EndLocation</b> (represented by a rectangle with a small square on the right) with the description "End point of a section or segment". It is connected to a larger dashed box representing the <b>LocationIdent</b> complex type. Inside this box are four sub-elements: <b>CountryCodeISO</b> (Identifies a Country or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation End point of a section or segment
source	<pre>&lt;xs:element name="EndLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;End point of a section or segment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ErrorMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">AdministrativeContactInformation</a> <a href="#">ErrorCauseReference</a> <a href="#">Error</a> <a href="#">PlannedTransportIdentifiers</a> <a href="#">TransportOperationalIdentifiers</a></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>&lt;xs:element name="ErrorMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;       &lt;xs:element name="ErrorCauseReference" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;The reference to the message and its particular element(s) that caused the error is provided here&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="MessageReference"/&gt;             &lt;xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Error" maxOccurs="unbounded"&gt;         &lt;xs:complexType&gt;</pre>



```

<xs:sequence>
  <xs:element name="TagReference" type="xs:string" minOccurs="0">
    <xs:annotation>
      <xs:documentation>This is a placeholder for XPath expression
indicating the element of the original message which caused the
error.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TypeOfError">
    <xs:annotation>
      <xs:documentation>It is an enumerated type to indicate if the
error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to
a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>
    </xs:annotation>
    <xs:simpleType base="xs:integer">
      <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 base="xs:integer">
      <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 base="xs:integer">
      <xs:restriction base="xs:integer">
        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="9999"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="FreeTextField"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="PlannedTransportIdentifiers" minOccurs="0"
maxOccurs="unbounded"/>

```

	<pre> &lt;xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	---

element **ErrorMessage/ErrorCauseReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">MessageReference</a> <a href="#">MessageSenderReference</a>
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here
source	<pre> &lt;xs:element name="ErrorCauseReference" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The reference to the message and its particular element(s) that caused the error is provided here&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageReference"/&gt;       &lt;xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

element **ErrorMessage/ErrorCauseReference/MessageSenderReference**

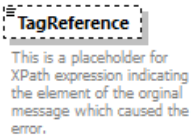
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">FreeText</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre> &lt;xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/&gt;                 </pre>

element **ErrorMessage/Error**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 1 maxOcc unbounded content complex</p>
<p>children</p>	<p><a href="#">TagReference</a> <a href="#">TypeOfError</a> <a href="#">Severity</a> <a href="#">ErrorCode</a> <a href="#">FreeTextField</a></p>
<p>source</p>	<pre>&lt;xs:element name="Error" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TagReference" type="xs:string" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="TypeOfError"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType base="xs:integer"&gt;           &lt;xs:restriction&gt;             &lt;xs:enumeration value="0"/&gt;             &lt;xs:enumeration value="1"/&gt;             &lt;xs:enumeration value="2"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Severity"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the me...         &lt;/xs:annotation&gt;         &lt;xs:simpleType base="xs:integer"&gt;           &lt;xs:restriction&gt;             &lt;xs:enumeration value="1"/&gt;             &lt;xs:enumeration value="2"/&gt;             &lt;xs:enumeration value="3"/&gt;             &lt;xs:enumeration value="4"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="ErrorCode"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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 c...         &lt;/xs:annotation&gt;         &lt;xs:simpleType base="xs:string"&gt;           &lt;xs:restriction&gt;             &lt;xs:pattern value="^[0-9]{1,4}\$"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="FreeTextField"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Free T...         &lt;/xs:annotation&gt;         &lt;xs:simpleType base="xs:string"&gt;           &lt;xs:restriction&gt;             &lt;xs:pattern value=".*"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element name="Severity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;       &lt;xs:enumeration value="3"/&gt;       &lt;xs:enumeration value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ErrorCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. "&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="FreeTextField"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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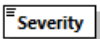
element **Error**Message/Error/TagReference

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:string</b>
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> &lt;xs:element name="TagReference" type="xs:string" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This is a placeholder for XPath expression indicating the element of the original message which caused the error.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **ErrorMessage/Error/TypeOfError**

diagram	 <p>It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH).</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:integer</b>												
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 business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)												
source	<pre>&lt;xs:element name="TypeOfError"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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 me...</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:integer</b>															
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> &lt;xs:element name="Severity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType base="xs:integer"&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;       &lt;xs:enumeration value="3"/&gt;       &lt;xs:enumeration value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ErrorMessage/Error/ErrorCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	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. "									
source	<pre> &lt;xs:element name="ErrorCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. "&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType base="xs:integer"&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **EstimatedEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
source	<code>&lt;xs:element name="EstimatedEndTime" type="xs:dateTime"/&gt;</code>

element **ExceptionalGaugingCode**

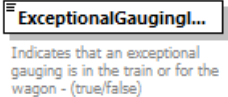
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
used by	element <a href="#">ExceptionalGaugingIdent</a>
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner
source	<pre>&lt;xs:element name="ExceptionalGaugingCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Acceptance agreement number, based on guidelines of IM_Partner&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="24"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ExceptionalGaugingIdent**

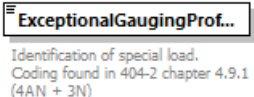
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">IM_Partner</a> <a href="#">ExceptionalGaugingCode</a>
used by	elements <a href="#">PlannedTrainData</a> <a href="#">WagonOperationalData</a>

annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon
source	<pre> &lt;xs:element name="ExceptionalGaugingIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates that an exceptional Gauging is in the train or for the wagon     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="IM_Partner"/&gt;       &lt;xs:element ref="ExceptionalGaugingCode"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **ExceptionalGaugingInd**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element <a href="#">TrainRunningData</a>
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
source	<pre> &lt;xs:element name="ExceptionalGaugingInd" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates that an exceptional gauging is in the train or for the wagon - (true/false)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **ExceptionalGaugingProfile**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
used by	element <a href="#">WagonOperationalData</a>									
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> &lt;xs:element name="ExceptionalGaugingProfile"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="7"/&gt;       &lt;xs:maxLength value="7"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ExceptionPoint**

diagram	<pre> classDiagram     class ExceptionPoint {         Location         ResponsibleRU         WagonLocationStatus         ScheduledTimeAtLocation         ExceptionTimeAtLocation     }     class Location {         Identifies a Location using a LocationIdent     }     class ResponsibleRU {         RU Responsible for the physical operation of the train or wagon     }     class WagonLocationStatus {         identifies the status of a wagon, related to the actual time at a reporting ...     }     class ScheduledTimeAtLocation {         Scheduled Date and Time at a location related to the status of the train or wagon at the given loca...     }     class ExceptionTimeAtLocation {         The Date and Time when something unexpected happens during the transportation related to a location     } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">ResponsibleRU</a> <a href="#">WagonLocationStatus</a> <a href="#">ScheduledTimeAtLocation</a> <a href="#">ExceptionTimeAtLocation</a>
used by	element <a href="#">WagonExceptionReport</a>
annotation	documentation Describes the interruption points with location and the time of the interruption
source	<pre> &lt;xs:element name="ExceptionPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the interruption points with location and the time of the interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="ResponsibleRU"/&gt;       &lt;xs:element ref="WagonLocationStatus"/&gt;       &lt;xs:element ref="ScheduledTimeAtLocation"/&gt;       &lt;xs:element ref="ExceptionTimeAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	---

**element ExceptionReason**

diagram	<p>The diagram illustrates the structure of the <b>ExceptionReason</b> element. It is a container element (represented by a rectangle) that contains three child elements: <b>WagonInterruptionReason</b> (a simple type, represented by a hexagon), <b>InterruptionDescription</b> (a text description, represented by a rounded rectangle), and <b>InterruptionType</b> (a simple type, represented by a rounded rectangle). A dashed box encloses the three child elements, indicating they are part of the sequence within the parent element.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">WagonInterruptionReason</a> <a href="#">InterruptionDescription</a> <a href="#">InterruptionType</a>
used by	element <a href="#">WagonExceptionReport</a>
annotation	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
source	<pre> &lt;xs:element name="ExceptionReason"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="WagonInterruptionReason" minOccurs="0"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:enumeration value="wagon damaged"/&gt;             &lt;xs:enumeration value="change of route"/&gt;             &lt;xs:enumeration value="other"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="InterruptionDescription" minOccurs="0"/&gt;       &lt;xs:element name="InterruptionType" minOccurs="0"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:length value="1"/&gt;             &lt;xs:enumeration value="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Damage does not cause an interruption of transport&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;             &lt;xs:enumeration value="1"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Damage causes an interruption of transport run&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:enumeration&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;other (no damage)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **ExceptionReason/WagonInterruptionReason**

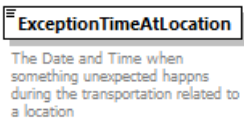
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:token</b>												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>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> </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> &lt;xs:element name="WagonInterruptionReason" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="wagon damaged"/&gt;       &lt;xs:enumeration value="change of route"/&gt;       &lt;xs:enumeration value="other"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

element **ExceptionReason/InterruptionType**

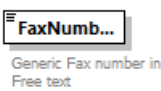
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:token</b>															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</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> </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> &lt;xs:element name="InterruptionType" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="1"/&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Damage does not cause an interruption of transport run&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Damage causes an interruption of transport run&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;other (no damage)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **ExceptionTimeAtLocation**

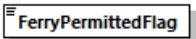
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">ExceptionPoint</a>
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> &lt;xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The Date and Time when something unexpected happens during the transportation related to a location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **FaxNumber**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	<a href="#">CommunicationRefID</a>									
properties	content simple									
used by	elements <a href="#">AdministrativeContactInformation</a> <a href="#">Customer/Contacts</a>									
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>&lt;xs:element name="FaxNumber" type="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic Fax number in Free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									


### element **FerryPermittedFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
source	<pre>&lt;xs:element name="FerryPermittedFlag" type="xs:boolean"/&gt;</pre>

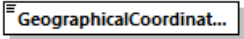
### element **FreeTextField**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	<table border="1"> <thead> <tr> <th>elements</th> <th>complexType</th> </tr> </thead> <tbody> <tr> <td> <a href="#">AdministrativeContactInformation</a> <a href="#">ErrorMessage/Error</a> <a href="#">PathCanceledMessage</a> </td> <td> <a href="#">TrainActivityType</a> </td> </tr> <tr> <td> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathRequestMessage</a> <a href="#">PlannedJourneyLocation</a> </td> <td></td> </tr> </tbody> </table>	elements	complexType	<a href="#">AdministrativeContactInformation</a> <a href="#">ErrorMessage/Error</a> <a href="#">PathCanceledMessage</a>	<a href="#">TrainActivityType</a>	<a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathRequestMessage</a> <a href="#">PlannedJourneyLocation</a>				
elements	complexType									
<a href="#">AdministrativeContactInformation</a> <a href="#">ErrorMessage/Error</a> <a href="#">PathCanceledMessage</a>	<a href="#">TrainActivityType</a>									
<a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathRequestMessage</a> <a href="#">PlannedJourneyLocation</a>										
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>&lt;xs:element name="FreeTextField" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Free                                 Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **FreightFlag**

diagram	 Identifies that the Entity or Location is for Freight Acti...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Identifies that the Entity or Location is for Freight Activity
source	<pre>&lt;xs:element name="FreightFlag" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies that the Entity or Location is for Freight Activity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

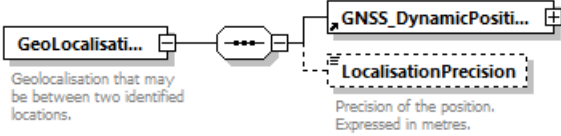
element **GeographicalCoordinates**

diagram	 Longitude and latitude as defined in UIC Leafle 920-2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:string</b>
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2
source	<pre>&lt;xs:element name="GeographicalCoordinates" type="xs:string"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Longitude and latitude as defined in UIC Leafle 920- 2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


element **GeographicCoordinates**

<p>diagram</p>	<p><b>GeographicCoordinates</b> Latitude and Longitude of locati...</p> <p><b>Latitude</b> SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</p> <p><b>Longitu...</b> If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</p> <p><b>Altitude</b> Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -100...</p> <p><b>SRID</b> ID of coordinates system used (EPSG c...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Latitude</a> <a href="#">Longitude</a> <a href="#">Altitude</a> <a href="#">SRID</a></p>
<p>used by</p>	<p>elements <a href="#">GNSS DynamicPosition</a> <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a></p>
<p>annotation</p>	<p>documentation Latitude and Longitude of location</p>
<p>source</p>	<pre> &lt;xs:element name="GeographicCoordinates"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Latitude and Longitude of location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Latitude"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Longitude"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Altitude" minOccurs="0"/&gt;       &lt;xs:element ref="SRID" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>

element **GeoLocalisation**

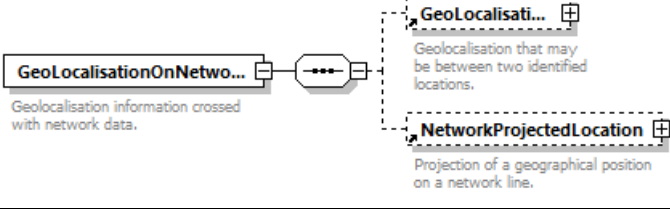
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">GNSS_DynamicPosition</a> <a href="#">LocalisationPrecision</a>
used by	element <a href="#">GeoLocalisationOnNetwork</a>
annotation	documentation Geolocalisation that may be between two identified locations.
source	<pre> &lt;xs:element name="GeoLocalisation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Geolocalisation that may be between two identified locations.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="GNSS_DynamicPosition"/&gt;       &lt;xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Precision of the position. Expressed in metres.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **GeoLocalisation/LocalisationPrecision**

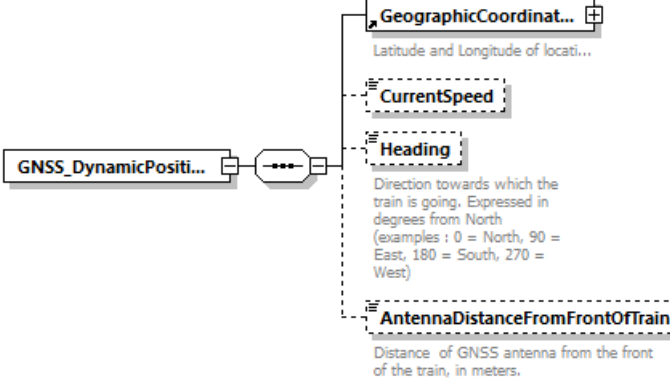
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:float</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position. Expressed in metres.
source	<pre> &lt;xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Precision of the position. Expressed in metres.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>



element **GeoLocalisationOnNetwork**

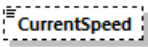
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">GeoLocalisation</a> <a href="#">NetworkProjectedLocation</a>
used by	element <a href="#">TrainLocationReport</a>
annotation	documentation Geolocalisation information crossed with network data.
source	<pre> &lt;xs:element name="GeoLocalisationOnNetwork"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Geolocalisation information crossed with network data.   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="GeoLocalisation" minOccurs="0"/&gt;       &lt;xs:element ref="NetworkProjectedLocation" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **GNSS\_DynamicPosition**

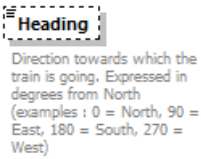
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">GeographicCoordinates</a> <a href="#">CurrentSpeed</a> <a href="#">Heading</a> <a href="#">AntennaDistanceFromFrontOfTrain</a>
used by	element <a href="#">GeoLocalisation</a>
source	<pre> &lt;xs:element name="GNSS_DynamicPosition"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="GeographicCoordinates"/&gt;       &lt;xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;xs:element name="Heading" type="xs:integer" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Distance of GNSS antenna from the front of the train, in meters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **GNSS\_DynamicPosition/CurrentSpeed**

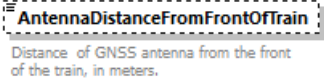
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Speed</a>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
source	<pre>&lt;xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/&gt;</pre>									

element **GNSS\_DynamicPosition/Heading**

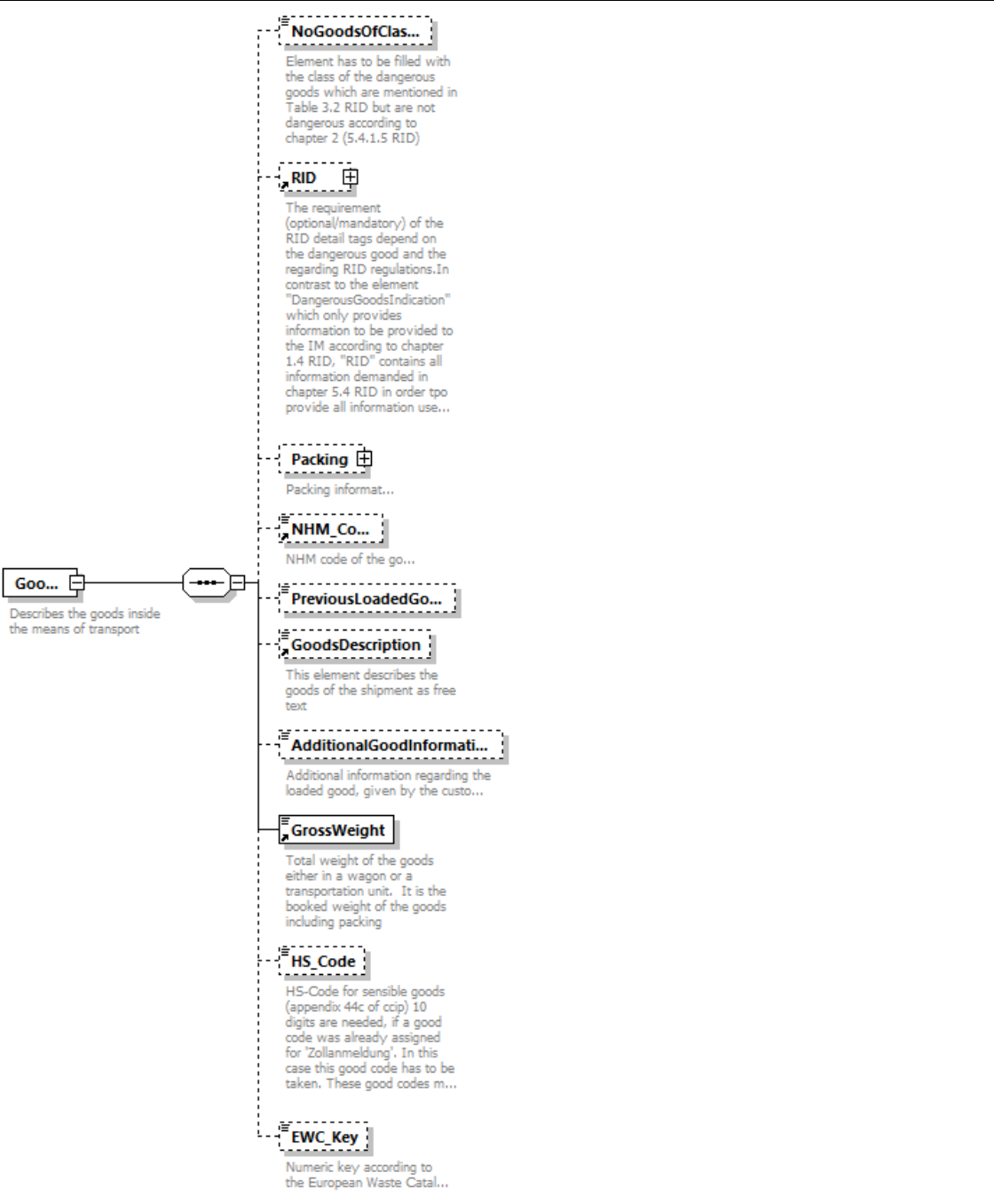
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:integer</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
source	<pre> &lt;xs:element name="Heading" type="xs:integer" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)&lt;/xs:documentation&gt; </pre>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---

element **GNSS\_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:float</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Distance of GNSS antenna from the front of the train, in meters.
source	<pre>&lt;xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Distance of GNSS antenna from the front of the train, in meters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Goods**

<p>diagram</p> 	<p><b>NoGoodsOfClass...</b> 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><b>RID</b> 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 use...</p> <p><b>Packing</b> Packing informat...</p> <p><b>NHM_Code</b> NHM code of the go...</p> <p><b>PreviousLoadedGood</b></p> <p><b>GoodsDescription</b> This element describes the goods of the shipment as free text</p> <p><b>AdditionalGoodInformation</b> Additional information regarding the loaded good, given by the custo...</p> <p><b>GrossWeight</b> 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><b>HS_Code</b> 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 m...</p> <p><b>EWC_Key</b> Numeric key according to the European Waste Catal...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">NoGoodsOfClassX</a> <a href="#">RID</a> <a href="#">Packing</a> <a href="#">NHM Code</a> <a href="#">PreviousLoadedGood</a> <a href="#">GoodsDescription</a> <a href="#">AdditionalGoodInformation</a> <a href="#">GrossWeight</a> <a href="#">HS Code</a> <a href="#">EWC Key</a></p>
<p>used by</p>	<p>elements <a href="#">WIMO Dataset/ConsignmentLevelData</a> <a href="#">ITU RollingRoadUnit</a> <a href="#">Wagons</a></p>
<p>annotation</p>	<p>documentation Describes the goods inside the means of transport</p>
<p>source</p>	<pre>&lt;xs:element name="Goods"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the goods inside the means of transport&lt;/xs:documentation&gt;</pre>

```

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

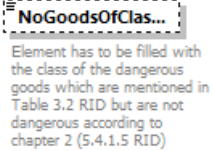
```

```

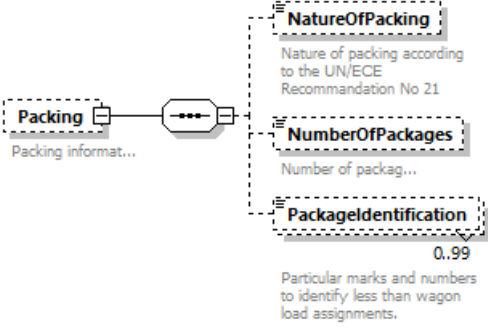
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code" minOccurs="0"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" 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:maxLength value="6"/>
            <xs:pattern value="\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **Goods/NoGoodsOfClassX**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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>&lt;xs:element name="NoGoodsOfClassX" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **Goods/Packing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">NatureOfPacking</a> <a href="#">NumberOfPackages</a> <a href="#">Packageldentification</a>
annotation	documentation Packing information

source	<pre> &lt;xs:element name="Packing" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Packing information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommendation No 21&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No. 21&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="2"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="1"/&gt;             &lt;xs:maxInclusive value="99999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="35"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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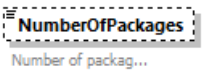
element **Goods/Packing/NatureOfPacking**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>

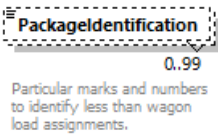


properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21
source	<pre>&lt;xs:element name="NatureOfPacking" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Nature of packing according to the UN/ECE Recommendation No     &lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: UN/ECE-Recommendation No. 21&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

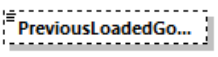
### element **Goods/Packing/NumberOfPackages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:int</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Number of packages.
source	<pre>&lt;xs:element name="NumberOfPackages" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of packages.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

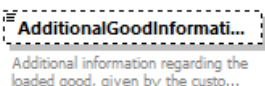
element **Goods/Packing/PackageIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Particular marks and numbers to identify less than wagon load assignments.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       &lt;xs:maxLength value="35"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **Goods/PreviousLoadedGood**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">NHMCodeType</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<pre>&lt;xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/&gt;</pre>

element **Goods/AdditionalGoodInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>

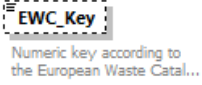
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre>&lt;xs:element name="AdditionalGoodInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information regarding the loaded good, given by the customer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### element **Goods/HS Code**

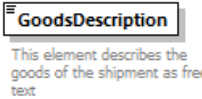
diagram	 <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes m...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	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>&lt;xs:element name="HS_Code" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="6"/&gt;       &lt;xs:maxLength value="10"/&gt;       &lt;xs:pattern value="\d*[1-9]\d*" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

### element **Goods/EWC\_Key**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:string</b>												
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> <tr> <td>pattern</td> <td>\d*</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	6		pattern	\d*	
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>&lt;xs:element name="EWC_Key" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numeric key according to the European Waste     Catalogue&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: European waste catalogue (EWC)     2000/532/EC&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="6"/&gt;       &lt;xs:pattern value="\d*" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

### element **GoodsDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>FreeText</b>									
properties	content simple									
used by	element <b>Goods</b>									
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>&lt;xs:element name="GoodsDescription" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element describes the goods of the shipment as free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **GoodsInWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">NHM Code</a> <a href="#">GrossWeight</a> <a href="#">ContainerNumber</a> <a href="#">GoodsInContainer</a>
used by	element <a href="#">WagonInformation</a>
annotation	documentation Goods
source	<pre>&lt;xs:element name="GoodsInWagon"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="NHM_Code"/&gt;       &lt;xs:element ref="GrossWeight" minOccurs="0"/&gt;       &lt;xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/&gt;       &lt;xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="NHM_Code" minOccurs="0"/&gt;             &lt;xs:element ref="GrossWeight" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **GoodsInWagon/ContainerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">EquipmentNumberType</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 13
source	<code>&lt;xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/&gt;</code>

element **GoodsInWagon/GoodsInContainer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 99 content complex
children	<a href="#">NHM Code</a> <a href="#">GrossWeight</a>
source	<code>&lt;xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="NHM_Code" minOccurs="0"/&gt;       &lt;xs:element ref="GrossWeight" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</code>

element **GrossWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">WeightValueKilo</a>
properties	content simple
used by	elements <a href="#">Goods</a> <a href="#">GoodsInWagon/GoodsInContainer</a> <a href="#">GoodsInWagon</a>
facets	Kind Value Annotation minInclusive 0

	<p>maxInclusive 999999</p> <p>whiteSpace collapse</p>
annotation	<p>documentation</p> <p>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</p>
source	<pre>&lt;xs:element name="GrossWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **HandBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<b>HandBrakeType</b> <a href="#">HandBrakedWeight</a> <a href="#">ParkingBrakeForce</a>
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
source	<pre>&lt;xs:element name="HandBrake"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="HandBrakeType"/&gt;       &lt;xs:element name="HandBrakedWeight" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Braked weight of the hand brake in tons&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:totalDigits value="4"/&gt;             &lt;xs:fractionDigits value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ParkingBrakeForce" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

**element HandBrake/HandBrakedWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:decimal</b>
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>&lt;xs:element name="HandBrakedWeight" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Braked weight of the hand brake in     tons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="4"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

**element HandlingInstruction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>FreeText</b>
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>&lt;xs:element name="HandlingInstruction" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special instructions regarding the handling of the wagon     or shipment in free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>



element **HandoverPointFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Identifies if the location is a Handover Point from IM to IM
source	<pre> &lt;xs:element name="HandoverPointFlag"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies if the location is a Handover Point from IM to IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **Height**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Value</a> <a href="#">Measure</a>
used by	element <a href="#">Dimensions</a> complexType <a href="#">DimensionValue</a>
annotation	documentation Height of ITU
source	<pre> &lt;xs:element name="Height"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Height of ITU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Value"/&gt;       &lt;xs:element ref="Measure"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **HighestPlannedSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2


type	<a href="#">Speed</a>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
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>&lt;xs:element name="HighestPlannedSpeed" type="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **Identifiers**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">PlannedTransportIdentifiers</a> <a href="#">RelatedPlannedTransportIdentifiers</a> <a href="#">ReasonOfReference</a></p>
<p>used by</p>	<p>elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a></p>
<p>source</p>	<pre>&lt;xs:element name="Identifiers"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:sequence minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:element ref="RelatedPlannedTransportIdentifiers"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element ref="ReasonOfReference" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	--

element **IM\_Partner**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">Wagons/WagonDetails/ExceptionalConsignment</a> <a href="#">ExceptionalGaugingIdent</a>												
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> &lt;xs:element name="IM_Partner" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Infrastructure Manager&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>												

element **ImpactedRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
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> &lt;xs:element name="ImpactedRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The RU impacted by a restriction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>												


element **IntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	element <a href="#">NextIntermediateDestination</a>
annotation	documentation A location on the route of a train
source	<pre>&lt;xs:element name="IntermediateDestination" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;A location on the route of a train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


element **InternalReferenceIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">FreeText</a>
properties	content simple
used by	elements <a href="#">DelayCauseTime</a> <a href="#">InterruptionPoint/Interruption</a> <a href="#">InterruptionInformation</a> <a href="#">TrainJourneyModificationMessage</a>
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation The link to the IM System Reference
source	<pre>&lt;xs:element name="InternalReferenceIdentifier" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The link to the IM System Reference&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InterruptionDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">InterruptionPoint/Interruption</a> <a href="#">InterruptionInformation</a>
annotation	documentation Date and Time when the Train was interrupted
source	<pre>&lt;xs:element name="InterruptionDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time when the Train was interrupted&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **InterruptionDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">ExceptionReason</a> <a href="#">InterruptionPoint/Interruption</a> <a href="#">InterruptionInformation</a>									
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 free text description of an interruption									
source	<pre>&lt;xs:element name="InterruptionDescription" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The free text description of an interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **InterruptionInformation**

<p>diagram</p>	<p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption infor...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">InterruptionDescription</a> <a href="#">InterruptionDateTime</a> <a href="#">InterruptionReason</a> <a href="#">InternalReferenceIdentifier</a></p>
<p>used by</p>	<p>element <a href="#">PathNotAvailableMessage</a></p>
<p>annotation</p>	<p>documentation                  The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p>
<p>source</p>	<pre>&lt;xs:element name="InterruptionInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="InterruptionDescription" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionDateTime" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt;       &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **InterruptionPoint**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Location</a> <a href="#">DetailedDescriptionOfLocation</a> <a href="#">Interruption</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a> <a href="#">InterruptionDuration</a> <a href="#">Remarks</a></p>
<p>used by</p>	<p>element <a href="#">TrainRunningInterruptionMessage</a></p>
<p>annotation</p>	<p>documentation describes the interruption points with location and the reason for the interruption</p>
<p>source</p>	<pre> &lt;xs:element name="InterruptionPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;describes the interruption points with location and the reason for the interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/&gt;       &lt;xs:element name="Interruption"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt;             &lt;xs:element ref="InterruptionDateTime"/&gt;             &lt;xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/&gt;             &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specified location as defined in the path contract&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

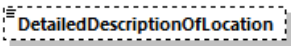


```

</xs:annotation>
</xs:element>
<xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
<xs:element name="InterruptionDuration" minOccurs="0">
  <xs:annotation>
    <xs:documentation>To specify the probable duration of the
interruption</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="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>

```

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">FreeText</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/>

element **InterruptionPoint/Interruption**

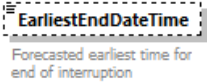
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">InterruptionReason</a> <a href="#">InterruptionDateTime</a> <a href="#">InterruptionDescription</a> <a href="#">InternalReferenceIdentifier</a>
source	<pre> &lt;xs:element name="Interruption"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="InterruptionReason" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionDateTime"/&gt;       &lt;xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="InternalReferenceIdentifier" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **InterruptionPoint/InterruptionDuration**

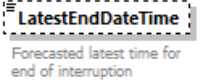
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">EarliestEndDateTime</a> <a href="#">LatestEndDateTime</a>
annotation	documentation To specify the probable duration of the interruption
source	<pre> &lt;xs:element name="InterruptionDuration" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To specify the probable duration of the interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="EarliestEndDateTime" type="xs:dateTime" </pre>

<pre> minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Forecasted earliest time for end of interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Forecasted latest time for end of interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

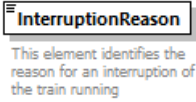
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre> &lt;xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Forecasted earliest time for end of interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre> &lt;xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Forecasted latest time for end of interruption&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

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

element **InterruptionReason**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>DelayCode</b>		
properties	content	simple	
used by	elements	<a href="#">ChangeofTrackMessage</a> <a href="#">InterruptionPoint/Interruption</a> <a href="#">InterruptionInformation</a>	
facets	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	
	enumeration	60	
	enumeration	61	
	enumeration	62	
	enumeration	63	
	enumeration	64	
	enumeration	68	

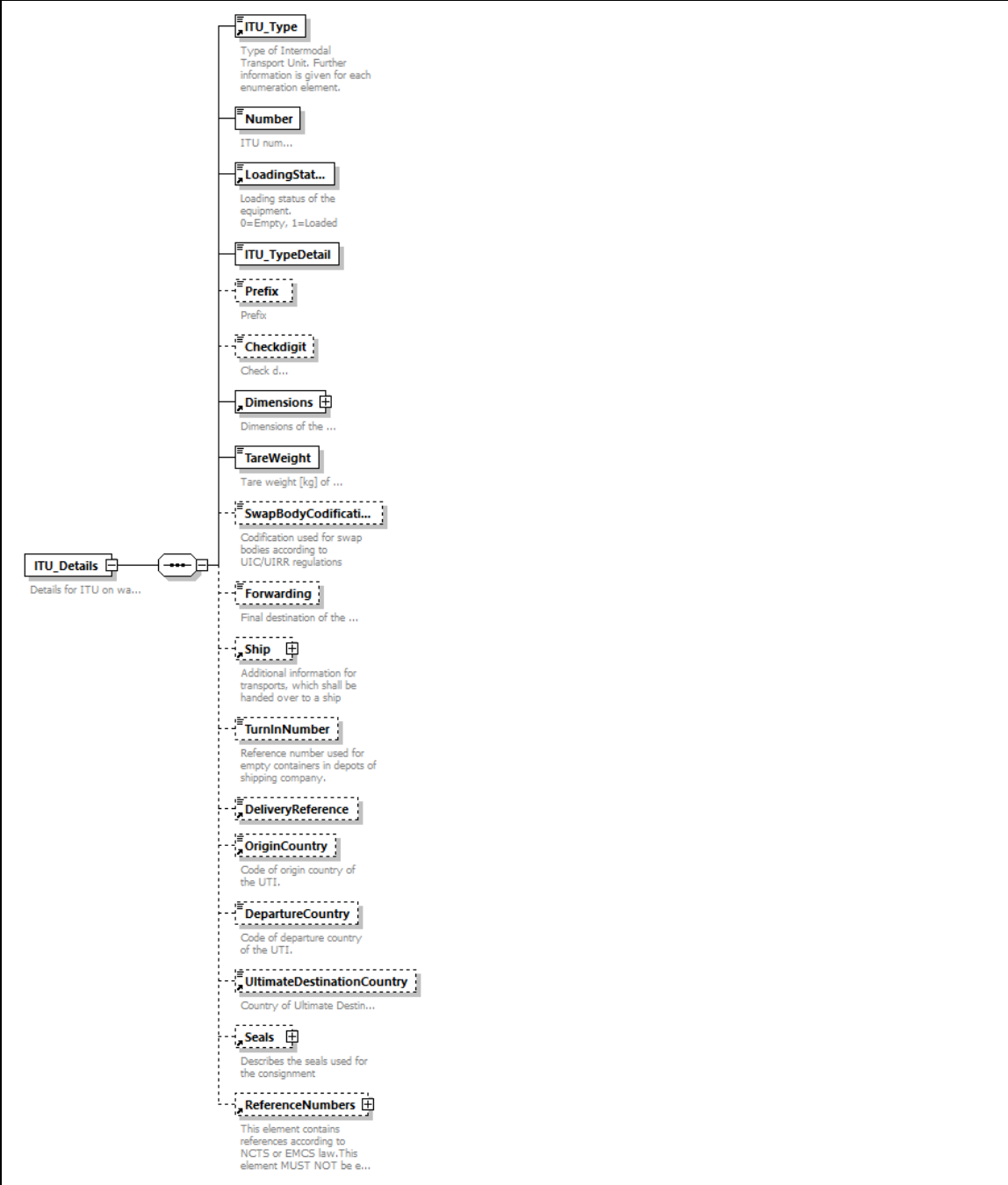
	<p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 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>&lt;xs:element name="InterruptionReason" type="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the reason for an interruption of the train running&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ITU**

diagram	
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
properties	<p>content complex</p>
children	<p><a href="#">ITU</a> <a href="#">Details</a> <a href="#">Goods</a> <a href="#">SummaryOfGoodsWithSameRID</a></p>
used by	<p>element <a href="#">Wagons</a></p>
annotation	<p>documentation</p> <p>Describes the type and content of an IntermodalTransportUnit</p>
source	<pre>&lt;xs:element name="ITU"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the type and content of an IntermodalTransportUnit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

```
<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>
```

element **ITU\_Details**

<p>diagram</p> 	<p><b>ITU_Type</b> Type of Intermodal Transport Unit. Further information is given for each enumeration element.</p> <p><b>Number</b> ITU num...</p> <p><b>LoadingStat...</b> Loading status of the equipment. 0=Empty, 1=Loaded</p> <p><b>ITU_TypeDetail</b></p> <p><b>Prefix</b> Prefix</p> <p><b>Checkdigit</b> Check d...</p> <p><b>Dimensions</b> Dimensions of the ...</p> <p><b>TareWeight</b> Tare weight [kg] of ...</p> <p><b>SwapBodyCodificati...</b> Codification used for swap bodies according to UIC/UITRR regulations</p> <p><b>Forwarding</b> Final destination of the ...</p> <p><b>Ship</b> Additional information for transports, which shall be handed over to a ship</p> <p><b>TurnInNumber</b> Reference number used for empty containers in depots of shipping company.</p> <p><b>DeliveryReference</b></p> <p><b>OriginCountry</b> Code of origin country of the UTI.</p> <p><b>DepartureCountry</b> Code of departure country of the UTI.</p> <p><b>UltimateDestinationCountry</b> Country of Ultimate Destin...</p> <p><b>Seals</b> Describes the seals used for the consignment</p> <p><b>ReferenceNumbers</b> This element contains references according to NCTS or EMCS law. This element MUST NOT be e...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">ITU_Type</a> <a href="#">Number</a> <a href="#">LoadingStatus</a> <a href="#">ITU_TypeDetail</a> <a href="#">Prefix</a> <a href="#">Checkdigit</a> <a href="#">Dimensions</a> <a href="#">TareWeight</a> <a href="#">SwapBodyCodification</a> <a href="#">Forwarding</a> <a href="#">Ship</a> <a href="#">TurnInNumber</a> <a href="#">DeliveryReference</a> <a href="#">OriginCountry</a> <a href="#">DepartureCountry</a> <a href="#">UltimateDestinationCountry</a> <a href="#">Seals</a> <a href="#">ReferenceNumbers</a></p>
<p>used by</p>	<p>element <a href="#">ITU</a></p>
<p>annotation</p>	<p>documentation Details for ITU on wagon</p>
<p>source</p>	<pre>&lt;xs:element name="ITU_Details"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details for ITU on wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

```

</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 base="EquipmentNumberType"/>
    </xs:element>
    <xs:element ref="LoadingStatus"/>
    <xs:element name="ITU_TypeDetail">
      <xs:simpleType 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:sequence>
  <xs:element name="Prefix" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Prefix</xs:documentation>
    </xs:annotation>
    <xs:simpleType base="xs:string">
      <xs:restriction 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 base="xs:int">
      <xs:restriction value="1"/>
      <xs:totalDigits

```



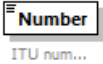
```

        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element
name="TareWeight"
type="WeightValueKilo"
ref="Dimensions"/>
<xs:element
name="TareWeight"
type="WeightValueKilo"
ref="Dimensions"/>
    <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:documentation>CODE:</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction
            base="xs:string"
            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"
            value="80"/>
            <xs:maxLength
                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"
            value="30"/>
            <xs:maxLength
                value="1"/>
        </xs:restriction>
    </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>


```

	<pre> &lt;xs:element ref="UltimateDestinationCountry" minOccurs="0"/&gt; &lt;xs:element ref="Seals" minOccurs="0"/&gt; &lt;xs:element ref="ReferenceNumbers" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	---

element **ITU\_Details/Number**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <a href="#">EquipmentNumberType</a>									
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> &lt;xs:element name="Number"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ITU number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="EquipmentNumberType"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>									

element **ITU\_Details/ITU\_TypeDetail**

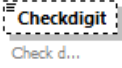
diagram																																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																							
type	restriction of <b>xs:token</b>																																							
properties	content simple																																							
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>BX</td><td></td></tr> <tr><td>enumeration</td><td>BK</td><td></td></tr> <tr><td>enumeration</td><td>FL</td><td></td></tr> <tr><td>enumeration</td><td>HT</td><td></td></tr> <tr><td>enumeration</td><td>HC</td><td></td></tr> <tr><td>enumeration</td><td>IN</td><td></td></tr> <tr><td>enumeration</td><td>OT</td><td></td></tr> <tr><td>enumeration</td><td>HH</td><td></td></tr> <tr><td>enumeration</td><td>PW</td><td></td></tr> <tr><td>enumeration</td><td>OS</td><td></td></tr> <tr><td>enumeration</td><td>RF</td><td></td></tr> <tr><td>enumeration</td><td>SD</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BX		enumeration	BK		enumeration	FL		enumeration	HT		enumeration	HC		enumeration	IN		enumeration	OT		enumeration	HH		enumeration	PW		enumeration	OS		enumeration	RF		enumeration	SD	
Kind	Value	Annotation																																						
enumeration	BX																																							
enumeration	BK																																							
enumeration	FL																																							
enumeration	HT																																							
enumeration	HC																																							
enumeration	IN																																							
enumeration	OT																																							
enumeration	HH																																							
enumeration	PW																																							
enumeration	OS																																							
enumeration	RF																																							
enumeration	SD																																							

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


element ITU\_Details/Prefix

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	<p>documentation</p> <p>Prefix</p>									
source	<pre> &lt;xs:element name="Prefix" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Prefix&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="5"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **ITU\_Details/Checkdigit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:int</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<pre>&lt;xs:element name="Checkdigit" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Check digit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int" value="1"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Details/TareWeight**

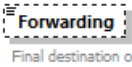
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">WeightValueKilo</a>
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Tare weight [kg] of UTI.
source	<pre>&lt;xs:element name="TareWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tare weight [kg] of UTI.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Details/SwapBodyCodification**

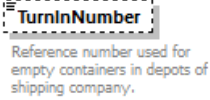
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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> &lt;xs:element name="SwapBodyCodification" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Codification used for swap bodies according to UIC/UIRR regulations     &lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE:&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="3"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>


**element ITU\_Details/Forwarding**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the UTI.
source	<pre> &lt;xs:element name="Forwarding" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Final destination of the UTI.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="80"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ITU\_Details/TurnInNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="TurnInNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference number used for empty containers in depots of shipping company.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string" value="30"/&gt;     &lt;xs:restriction value="1"/&gt;   &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Details/DepartureCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">CountryIdentISO</a>
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>&lt;xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of departure country of the UTI.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: ISO-3166-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ITU\_Type**

diagram	<p><b>ITU_Type</b> Type of ITU. Further information is given for each enumeration element.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <a href="#">EquipmentTypeType</a>												
properties	content simple												
used by	element <a href="#">ITU_Details</a>												
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 ITU. Further information is given for each enumeration element.												
source	<pre>&lt;xs:element name="ITU_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of ITU. Further information is given for each enumeration element.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="EquipmentTypeType"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>												

element **JourneySection**

diagram	<p><b>JourneySection</b> Defines the data provided by the IM for a journey s...</p> <ul style="list-style-type: none"> <li><b>JourneySectionOrigin</b> Origin of the section on which train composition is unchang...</li> <li><b>JourneySectionDestination</b> Destination of the section on which train composition is uncha...</li> <li><b>ResponsibilityActualSection</b> This element identifies the responsible RU or IM for the actual path section</li> <li><b>ResponsibilityNextSection</b> Only optional for the last sec...</li> </ul>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">JourneySectionOrigin</a> <a href="#">JourneySectionDestination</a> <a href="#">ResponsibilityActualSection</a> <a href="#">ResponsibilityNextSection</a>
used by	element <a href="#">TrainCompositionJourneySection</a>
annotation	documentation Defines the data provided by the IM for a journey section
source	<pre>&lt;xs:element name="JourneySection"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Defines the data provided by the IM for a journey section&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="JourneySectionOrigin"/&gt;     &lt;xs:element ref="JourneySectionDestination"/&gt;     &lt;xs:element ref="ResponsibilityActualSection"/&gt;     &lt;xs:element ref="ResponsibilityNextSection" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Only optional for the last section&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **JourneySectionDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation Destination of the section on which train composition is unchanged
source	<pre> &lt;xs:element name="JourneySectionDestination"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Destination of the section on which train composition is unchanged&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt; </pre>

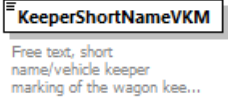


	<pre> &lt;xs:extension base="LocationIdent"   &lt;xs:sequence minOccurs="0"&gt;     &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

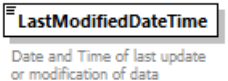
element **JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a> <a href="#">BookedLocationDateTime</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation Origin of the section on which train composition is unchanged
source	<pre> &lt;xs:element name="JourneySectionOrigin"   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Origin of the section on which train composition is     unchanged&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="LocationIdent"         &lt;xs:sequence minOccurs="0"&gt;           &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **KeeperShortNameVKM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
used by	elements <a href="#">RollingStockDataset/AdministrativeDataSet</a> <a href="#">RollingStockDatasetMessage/RefusedWagonNumbers</a>
facets	Kind Value Annotation maxLength 10
annotation	documentation Free text, short name/vehicle keeper marking of the wagon keeper
source	<pre>&lt;xs:element name="KeeperShortNameVKM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Free text, short name/vehicle keeper marking of the wagon keeper&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="10"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **LastModifiedDateTime**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<pre>&lt;xs:element name="LastModifiedDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and Time of last update or modification of data&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Latitude**

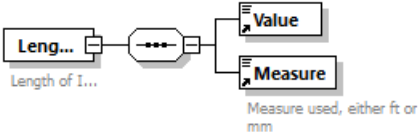
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:float</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre>&lt;xs:element name="Latitude" type="xs:float"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **LeadRU**

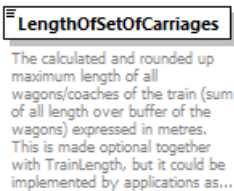
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">Customers</a> <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a>												
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>&lt;xs:element name="LeadRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Lead Railway Undertaking&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **Length**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Value</a> <a href="#">Measure</a>
used by	elements <a href="#">Dimensions</a> <a href="#">TractionDetails</a> complexType <a href="#">DimensionValue</a>
annotation	documentation Length of ITU.

source	<pre> &lt;xs:element name="Length"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length of ITU.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Value"/&gt;       &lt;xs:element ref="Measure"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **LengthOfSetOfCarriages**

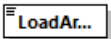
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric4-4</a>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </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	<p>documentation</p> <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>									
source	<pre> &lt;xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **LengthOverBuffers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:integer</b>
properties	content simple

used by	elements <a href="#">RollingStockDataset/DesignDataSet WagonTechData</a>									
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>&lt;xs:element name="LengthOverBuffers"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length over buffers is expressed in cm.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **LoadArea**

diagram	 <p>Payload Area - measured in M2</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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>&lt;xs:element name="LoadArea"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Payload Area - measured in M2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="5"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **LoadingCapacity**

diagram	 <p>Usable Cube - measured in M3</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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>&lt;xs:element name="LoadingCapacity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Usable Cube - measured in M3&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="5"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

**element LoadingFacility**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">CustomerNumber</a> <a href="#">AdministrativeContactInformation</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint</a>
annotation	documentation Identifies the loading facility (in case of message type = ORU)
source	<pre>&lt;xs:element name="LoadingFacility"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the loading facility (in case of message type = ORU)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CustomerNumber" minOccurs="0"/&gt;       &lt;xs:element ref="AdministrativeContactInformation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **LoadingStatus**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	elements <a href="#">ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation</a>									
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> &lt;xs:element name="LoadingStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loading status of the equipment. 0=Empty, 1=Loaded&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType base="xs:integer"&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **LoadingTackles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">LoadingTackleType</a> <a href="#">Quantity</a> <a href="#">TotalWeightLoadingTackles</a> <a href="#">TypeDescription</a>
used by	element <a href="#">Wagons</a>
annotation	documentation Describes the loading tackles used inside the wagon

source	<pre> &lt;xs:element name="LoadingTackles"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the loading tackles used inside the wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="LoadingTackleType"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Loading tackle according toUN/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. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Quantity"/&gt;       &lt;xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Total weight of the loading tackles (kg) of the specified type&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="TypeDescription" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="35"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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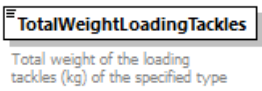
element **LoadingTackles/LoadingTackleType**

diagram	 <p>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in th...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
annotation	documentation Loading tackle according toUN/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.

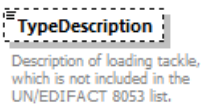


source	<pre> &lt;xs:element name="LoadingTackleType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loading tackle according to UN/EDIFACT Data Element 8053     UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the     loading tackle is not included in the list. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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### element LoadingTackles/TotalWeightLoadingTackles

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loading tackles (kg) of the specified type												
source	<pre> &lt;xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Total weight of the loading tackles (kg) of the     specified type&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

### element LoadingTackles/TypeDescription

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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 Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.									
source	<pre> &lt;xs:element name="TypeDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of loading tackle, which is not included in </pre>									

the	UN/EDIFACT	8053	list.</xs:documentation>
<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="35"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>			

element **Location**

diagram	<p>The diagram illustrates the structure of the LocationIdent complex type. It contains four child elements: CountryCodeISO (Identifies a Country or State by code (ISO 316...)), LocationPrimaryCode, PrimaryLocationName (Location Name in an offication language of the Country using the ISO Unicode alph...), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). The Location simple type is shown as using LocationIdent.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	elements <a href="#">ArrivalInterchangeReport</a> <a href="#">ConsignmentOrderMessage/COMS/COM/CustomsProcedures</a> <a href="#">DepartureInterchangeReport</a> <a href="#">ExceptionPoint</a> <a href="#">InterruptionPoint</a> <a href="#">LocationModified</a> <a href="#">ProductionStation</a> <a href="#">SpecialTreatments</a> <a href="#">TrainForecastAtReportingLocationMessage</a> <a href="#">TrainLocationReport</a> <a href="#">WagonAtDeparture</a> <a href="#">WagonEventInformation</a> <a href="#">WagonPickupAtOrigin</a> <a href="#">YardArrival</a> <a href="#">YardDeparture</a>
annotation	documentation Identifies a Location using a LocationIdent
source	<pre> &lt;xs:element name="Location" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies a Location using a LocationIdent&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **LocationActualTrack**

diagram	<p>The diagram shows the structure of the <b>LocationActualTrack</b> element. It is a complex content type that contains a <b>LocationIdent</b> element. The <b>LocationIdent</b> element is further detailed as a complex type containing four sub-elements: <b>CountryCodeISO</b> (Identifies a Country or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	element <a href="#">ChangeofTrackMessage</a>
source	<code>&lt;xs:element name="LocationActualTrack" type="LocationIdent"/&gt;</code>

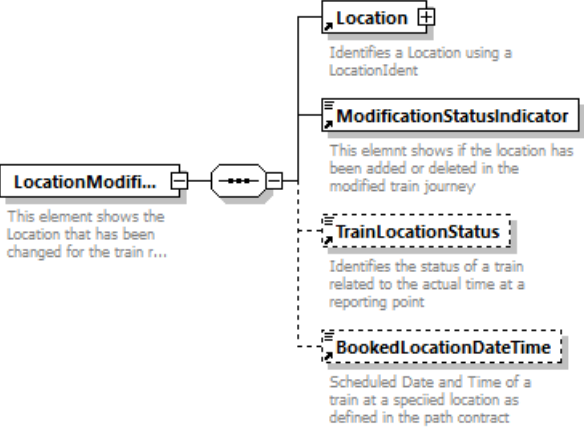
element **LocationDateTime**

diagram	<p>The diagram shows the <b>LocationDateTime</b> element as a simple content type. Its description is: "Identifies the actual or forecasted Date / Time at a specific reporting point".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<pre>&lt;xs:element name="LocationDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the actual or forecasted Date / Time at a specific reporting point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

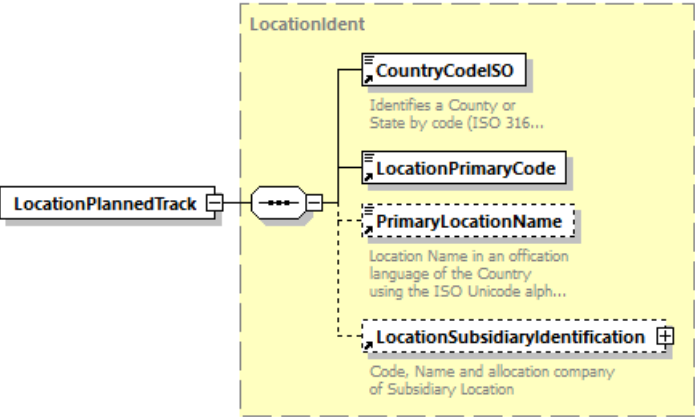
element **LocationFileDatasetMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a></p>
<p>annotation</p>	<p>documentation Used to Create, Modify or Update the LocationIdent Reference File</p>
<p>source</p>	<pre>&lt;xs:element name="LocationFileDatasetMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Used to Create, Modify or Update the LocationIdent Reference File&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;       &lt;xs:element ref="LocationPrimaryCode"/&gt;       &lt;xs:choice&gt;         &lt;xs:element ref="LocationPrimaryInformation"/&gt;         &lt;xs:element ref="LocationSubsidiaryInformation"/&gt;       &lt;/xs:choice&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **LocationModified**


<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Location</a> <a href="#">ModificationStatusIndicator</a> <a href="#">TrainLocationStatus</a> <a href="#">BookedLocationDateTime</a></p>
<p>used by</p>	<p>element <a href="#">TrainJourneyModification</a></p>
<p>annotation</p>	<p>documentation This element shows the Location that has been changed for the train run</p>
<p>source</p>	<pre> &lt;xs:element name="LocationModified"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows the Location that has been changed for the train run&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="ModificationStatusIndicator"/&gt;       &lt;xs:element ref="TrainLocationStatus" minOccurs="0"/&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **LocationPlannedTrack**

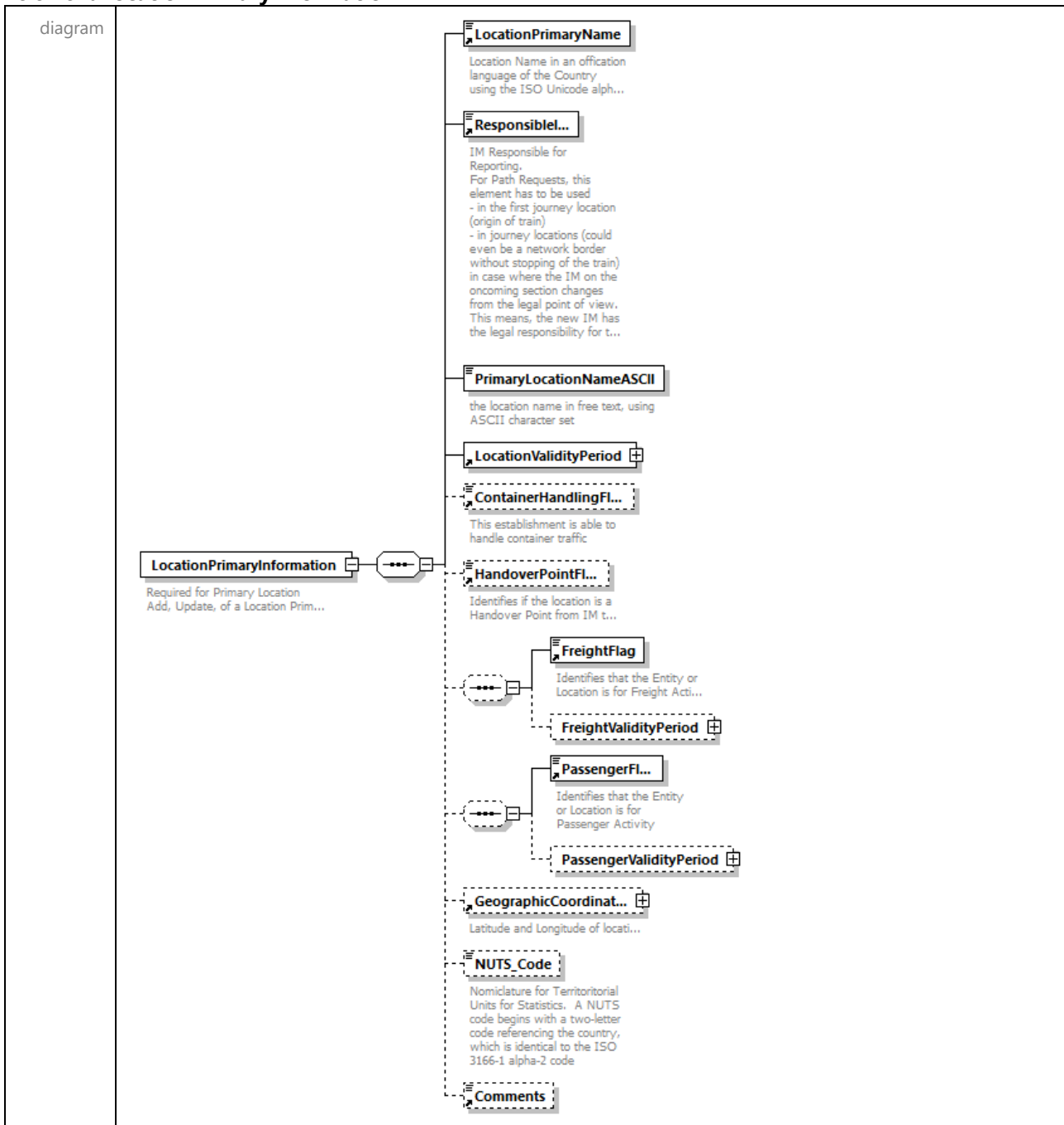
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>

type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	element <a href="#">ChangeofTrackMessage</a>
source	<code>&lt;xs:element name="LocationPlannedTrack" type="LocationIdent"/&gt;</code>

### element [LocationPrimaryCode](#)

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric1-5</a>
properties	content simple
used by	element <a href="#">LocationFileDatasetMessage</a> complexType <a href="#">LocationIdent</a>
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	<code>&lt;xs:element name="LocationPrimaryCode" type="Numeric1-5"/&gt;</code>

element **LocationPrimaryInformation**

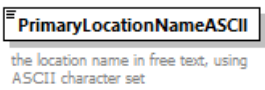


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">LocationPrimaryName</a> <a href="#">ResponsibleIM</a> <a href="#">PrimaryLocationNameASCII</a> <a href="#">LocationValidityPeriod</a> <a href="#">ContainerHandlingFlag</a> <a href="#">HandoverPointFlag</a> <a href="#">FreightFlag</a> <a href="#">FreightValidityPeriod</a> <a href="#">PassengerFlag</a> <a href="#">PassengerValidityPeriod</a> <a href="#">GeographicCoordinates</a> <a href="#">NUTS_Code</a> <a href="#">Comments</a>
used by	element <a href="#">LocationFileDatasetMessage</a>
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code
source	<code>&lt;xs:element name="LocationPrimaryInformation"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Required for Primary Location Add, Update, of a Location</code>

```

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>
</xs:element>
  
```

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>



type	restriction of <b>xs:string</b>									
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>&lt;xs:element name="PrimaryLocationNameASCII"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;the location name in free text, using ASCII character set&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       value="1"/&gt;       &lt;xs:maxLength value="255"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **LocationPrimaryInformation/FreightValidityPeriod**


diagram	<p>The diagram shows a dashed box labeled 'FreightValidityPeriod' connected to a complex type element (represented by a circle with a dashed line). This element contains two children: 'StartDate' (with the description 'The start of the date/time in effect') and 'EndDate' (with the description 'The end date/time in eff...'). The entire structure is enclosed in a yellow dashed box labeled 'ValidityPeriod'.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<b>ValidityPeriod</b>						
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	<b>StartDate</b> <b>EndDate</b>						
source	<pre>&lt;xs:element name="FreightValidityPeriod" type="ValidityPeriod"   minOccurs="0"/&gt;</pre>						

element **LocationPrimaryInformation/PassengerValidityPeriod**


diagram	<p>The diagram shows a dashed box labeled 'PassengerValidityPeriod' connected to a complex type element (represented by a circle with a dashed line). This element contains two children: 'StartDate' (with the description 'The start of the date/time in effect') and 'EndDate' (with the description 'The end date/time in eff...'). The entire structure is enclosed in a yellow dashed box labeled 'ValidityPeriod'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	<a href="#">ValidityPeriod</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">StartDate</a> <a href="#">EndDate</a>
source	<code>&lt;xs:element name="PassengerValidityPeriod" type="ValidityPeriod" minOccurs="0"/&gt;</code>

### element [LocationPrimaryInformation/NUTS\\_Code](#)

diagram	 <p>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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="NUTS_Code" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="50"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### element [LocationPrimaryName](#)

diagram	 <p>Location Name in an offication language of the Country using the ISO Unicode alph...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<code>&lt;xs:element name="LocationPrimaryName"&gt;</code>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Location Name in an offication language of the Country using the ISO Unicode alphabet&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
--	--

element **LocationSubsidiaryCode**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px;"> <p><b>LocationSubsidiaryCo...</b></p> <p>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> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>attributes</b></p> <p><b>LocationSubsidiaryTypeCo...</b></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> <p>59 Train Service Substitute Stop</p> <p>60 Multifunctional rail terminal</p> <p>61 Relief facility</p> <p>70 Network Border</p> <p>71 State border</p> <p>72 Administrative border</p> <p>74 Operational handover</p> <p>75 Planning handover</p> <p>76 Other technical facility</p> </div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	extension of <a href="#">String1-10</a>												
properties	content complex												
used by	elements <a href="#">LocationSubsidiaryIdentification</a> <a href="#">LocationSubsidiaryInformation</a>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10				
Kind	Value	Annotation											
minLength	1												
maxLength	10												
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation						
Name	Type	Use	Default	Fixed	Annotation								

	<p>LocationSubsidiaryTypeCode <b>derived by:</b> required <b>xs:token</b></p>	<p>documentation</p> <p>New codes added: 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). 43</p> <p>Passenger cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train 44</p> <p>Passenger cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train 45</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 49</p> <p>Compressed plant Train on a track with motion</p>
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	<p>stabled with external air supply for braking systems                      50 Indoor cleaning platform Cleaning point -interior                      51 Car-wash 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                      59 Train Service Substitute Stop                      60 Multifunctional rail terminal                      61 Relief facility                      70 Network Border                      71 State border                      72 Administrative border                      74 Operational handover                      75 Planning handover                      76 Other technical facility</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>&lt;xs:element name="LocationSubsidiaryCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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"&lt;/xs:documentation&gt;</pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:simpleContent&gt;     &lt;xs:extension base="String1-10"&gt;       &lt;xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/&gt;     &lt;/xs:extension&gt;   &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **LocationSubsidiaryIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">LocationSubsidiaryCode</a> <a href="#">AllocationCompany</a> <a href="#">LocationSubsidiaryName</a>
used by	complexType <a href="#">LocationIdent</a>
annotation	documentation Code, Name and allocation company of Subsidiary Location
source	<pre> &lt;xs:element name="LocationSubsidiaryIdentification"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code, Name and allocation company of Subsidiary Location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LocationSubsidiaryCode"/&gt;       &lt;xs:element ref="AllocationCompany"/&gt;       &lt;xs:element ref="LocationSubsidiaryName" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **LocationSubsidiaryInformation**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">LocationSubsidiaryCode</a> <a href="#">LocationSubsidiaryName</a> <a href="#">AllocationCompany</a> <a href="#">LocationValidityPeriod</a> <a href="#">Comments</a> <a href="#">GeographicCoordinates</a></p>
<p>used by</p>	<p>element <a href="#">LocationFileDatasetMessage</a></p>
<p>annotation</p>	<p>documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)</p>
<p>source</p>	<pre>&lt;xs:element name="LocationSubsidiaryInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Required for Add, Update of a Location Subsidiary Code (modified to global element)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LocationSubsidiaryCode"/&gt;       &lt;xs:element ref="LocationSubsidiaryName"/&gt;       &lt;xs:element ref="AllocationCompany"/&gt;       &lt;xs:element ref="LocationValidityPeriod"/&gt;       &lt;xs:element ref="Comments" minOccurs="0"/&gt;       &lt;xs:element ref="GeographicCoordinates" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **LocationSubsidiaryName**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>type</p>	<p><a href="#">FreeText</a></p>

properties	content simple									
used by	elements <a href="#">LocationSubsidiaryIdentification</a> <a href="#">LocationSubsidiaryInformation</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation To be completed in an official language of the Country using the ISO Unicode alphabet									
source	<pre>&lt;xs:element name="LocationSubsidiaryName" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To be completed in an official language of the Country using the ISO Unicode alphabet&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **LocationValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">ValidityPeriod</a>
properties	content complex
children	<a href="#">StartDate</a> <a href="#">EndDate</a>
used by	elements <a href="#">LocationPrimaryInformation</a> <a href="#">LocationSubsidiaryInformation</a>
source	<pre>&lt;xs:element name="LocationValidityPeriod" type="ValidityPeriod"/&gt;</pre>

element **LocoNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">TrainCompositionJourneySection/LocIdent</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	12	
Kind	Value	Annotation								
minLength	4									
maxLength	12									
annotation	documentation Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted									



	only to numeric values.
source	<pre> &lt;xs:element name="LocoNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the number of the locomotive, usually the     European Vehicle Number on 12N. It is currently not restricted only to numeric     values.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       value="12"/&gt;       value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **LocoTypeNumber**

diagram	<p>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> <ul style="list-style-type: none"> <li><b>TypeCode1</b>: Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</li> <li><b>TypeCode2</b>: Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</li> <li><b>CountryCode</b>: Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</li> <li><b>SeriesNumber</b>: 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</li> <li><b>SerialNumber</b>: 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 wit...</li> <li><b>ControlDigit</b>: 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</li> </ul>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TypeCode1</a> <a href="#">TypeCode2</a> <a href="#">CountryCode</a> <a href="#">SeriesNumber</a> <a href="#">SerialNumber</a> <a href="#">ControlDigit</a>
used by	elements <a href="#">TrainCompositionJourneySection/Locoldent</a> <a href="#">TractionDetails</a>
annotation	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
source	<pre> &lt;xs:element name="LocoTypeNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Composite identifier for the loco types and locomotives. </pre>

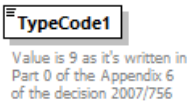
	<p>First four elements identify the series of the loco, rest can identify the exact individual locomotive&lt;/xs:documentation&gt;</p> <pre> &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="TypeCode1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="1"/&gt;           &lt;xs:whiteSpace value="replace"/&gt;           &lt;xs:maxLength value="1"/&gt;           &lt;xs:pattern value="[9]"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="TypeCode2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="1"/&gt;           &lt;xs:whiteSpace value="replace"/&gt;           &lt;xs:maxLength value="1"/&gt;           &lt;xs:pattern value="[0-9]"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="CountryCode"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="2"/&gt;           &lt;xs:whiteSpace value="replace"/&gt;           &lt;xs:maxLength value="2"/&gt;           &lt;xs:pattern value="[0-9]{2}"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="SeriesNumber"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:minLength value="4"/&gt; </pre>
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        <xs:whiteSpace value="replace"/>
        <xs:maxLength value="4"/>
        <xs:pattern value="[0-9]{4}"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SerialNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Three digits representing the serial number of
the traction of the series. Optionally used in Planning to identify the
subseries. Composite identifier should be unique with the series number within
a country.</xs:documentation>
    </xs:annotation>
    <!--Not necessary for Planning. Composite identifier should be unique
with the series number inside one country:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="3"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="3"/>
            <xs:pattern value="[0-9]{3}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ControlDigit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>1 control digit as usual at the end of the 12
digit UIC identifier. Not used in Planning</xs:documentation>
    </xs:annotation>
    <!--Not necessary for Planning. Composite identifier should be unique
with the series number inside one country:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[0-9]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

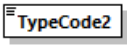
```

element **LocoTypeNumber/TypeCode1**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

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

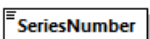
element **LocoTypeNumber/TypeCode2**

diagram	 <p>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p>															
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>															
type	<p>restriction of <b>xs:string</b></p>															
properties	<p>content simple</p>															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>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	<p>documentation</p> <p>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p>															
source	<pre> &lt;xs:element name="TypeCode2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="1"/&gt;       &lt;xs:pattern value="[0-9]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>															

element **LocoTypeNumber/CountryCode**

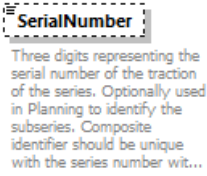
diagram	 Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:string</b>															
properties	content simple															
facets	<table border="1"> <thead> <tr> <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> &lt;xs:element name="CountryCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:pattern value="[0-9]{2}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>															

element **LocoTypeNumber/SeriesNumber**

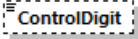
diagram	 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:string</b>															
properties	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> &lt;xs:element name="SeriesNumber"&gt; </pre>															

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


element **LocoTypeNumber/SerialNumber**

diagram	 <p>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number wit...</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:string</b>															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>3</td> <td></td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{3}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	3		maxLength	3		whiteSpace	replace		pattern	[0-9]{3}	
Kind	Value	Annotation														
minLength	3															
maxLength	3															
whiteSpace	replace															
pattern	[0-9]{3}															
annotation	documentation Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.															
source	<pre> &lt;xs:element name="SerialNumber" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="3"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="3"/&gt;       &lt;xs:pattern value="[0-9]{3}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>															

element **LocoTypeNumber/ControlDigit**

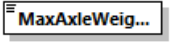
diagram	 <p>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 1 whiteSpace 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> &lt;xs:element name="ControlDigit" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:whiteSpace value="replace"/&gt;       &lt;xs:maxLength value="1"/&gt;       &lt;xs:pattern value="[0-9]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **Longitude**


diagram	 <p>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:float</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<pre> &lt;xs:element name="Longitude" type="xs:float"&gt;   &lt;xs:annotation&gt; </pre>

	<pre>&lt;xs:documentation&gt;Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---

element **MaxAxleWeight**

diagram	 <p>Indicates the maximum design axle weight (to).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	elements <a href="#">RollingStockDataset/DesignDataSet</a> <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
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>&lt;xs:element name="MaxAxleWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the maximum design axle weight (to).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0.1"/&gt;       &lt;xs:maxInclusive value="99.9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									


element **MaxDesignSpeed**

diagram	 <p>Maximum approved speed of the wagon (km/h)</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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>&lt;xs:element name="MaxDesignSpeed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum approved speed of the wagon &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

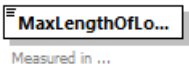


	<pre>(km/h)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
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element **MaxGrossWeight**

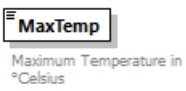
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <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>&lt;xs:element name="MaxGrossWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Weight of max Gross Load Weight plus the tare weight of the equipment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **MaxLengthOfLoad**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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>&lt;xs:element name="MaxLengthOfLoad"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measured in mm&lt;/xs:documentation&gt;</pre>									

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="999999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **MaxTemp**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet/TemperatureRange</a>									
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> &lt;xs:element name="MaxTemp"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum Temperature in °Celsius&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **Measure**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:token</b>									
properties	content simple									
used by	elements <a href="#">Height</a> <a href="#">Length</a> <a href="#">Width</a>									
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> <tr> <td>enumeration</td> <td>mm</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ft		enumeration	mm	
Kind	Value	Annotation								
enumeration	ft									
enumeration	mm									
annotation	documentation Measure used, either ft or mm									

source	<pre> &lt;xs:element name="Measure"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measure used, either ft or mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="ft"/&gt;       &lt;xs:enumeration value="mm"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **MessageDateTimeCreated**

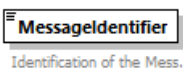
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	element <a href="#">MessageHeader</a>
annotation	documentation Date and time when the message was created by the legacy system
source	<pre> &lt;xs:element name="MessageDateTimeCreated" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date and time when the message was created by the legacy system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **MessageHeader**

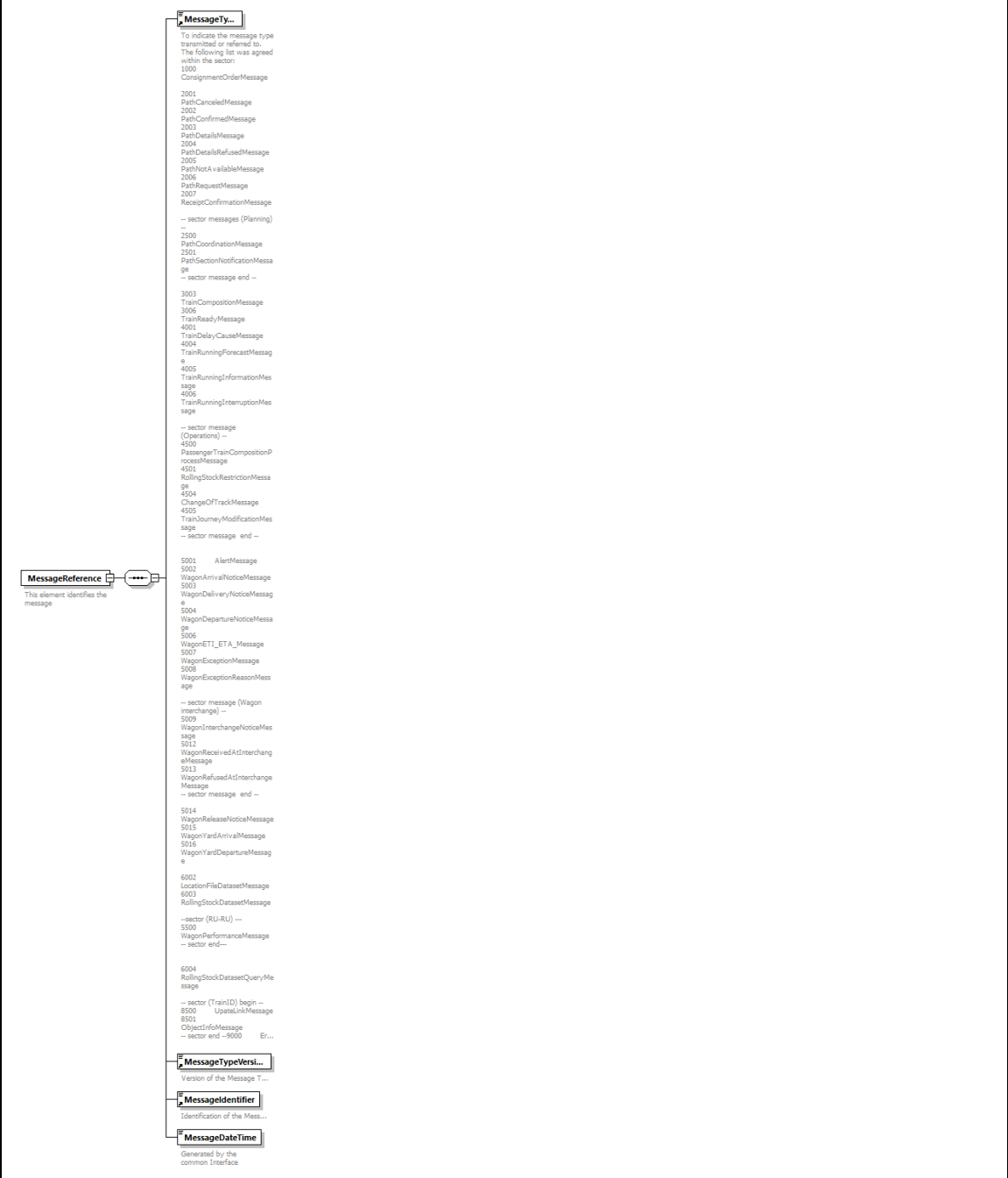
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageReference</a> <a href="#">MessageRoutingID</a> <a href="#">SenderReference</a> <a href="#">Sender</a> <a href="#">MessageDateTimeCreated</a> <a href="#">Recipient</a>
used by	elements <a href="#">AlertMessage</a> <a href="#">ChangeofTrackMessage</a> <a href="#">ConsignmentOrderMessage</a> <a href="#">ErrorMessage</a> <a href="#">LocationFileDatasetMessage</a> <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a> <a href="#">RollingStockDatasetMessage</a> <a href="#">RollingStockDatasetQueryMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainForecastAtReportingLocationMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a> <a href="#">WagonArrivalNoticeMessage</a> <a href="#">WagonDeliveryNoticeMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonDeviationMessage</a> <a href="#">WagonETI ETA Message</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a> <a href="#">WagonReleaseNoticeMessage</a> <a href="#">WagonYardArrivalMessage</a> <a href="#">WagonYardDepartureMessage</a>
annotation	documentation Used for all messages
source	<pre> &lt;xs:element name="MessageHeader"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for all messages&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageReference"/&gt;       &lt;xs:element ref="MessageRoutingID" minOccurs="0"/&gt;       &lt;xs:element ref="SenderReference" minOccurs="0"/&gt;       &lt;xs:element ref="Sender"/&gt;       &lt;xs:element ref="MessageDateTimeCreated" minOccurs="0"/&gt;       &lt;xs:element ref="Recipient"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **MessageIdentifier**

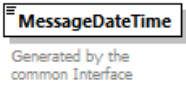
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">MessageReference</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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 Message									
source	<pre> &lt;xs:element name="MessageIdentifier" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the Message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **MessageReference**

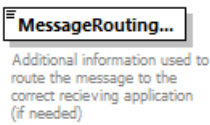
<p>diagram</p> 	<p><b>MessageTy...</b> To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCancelledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage e 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage -- sector message (Operations) -- 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end -- 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage e 5004 WagonDepartureNoticeMessage 5005 WagonETI_ETI_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5011 WagonReceivedAtInterchangeMessage 5012 WagonRefusedAtInterchangeMessage -- sector message end -- 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage e 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage -- sector (RU-RU) -- 5500 WagonPerformanceMessage -- sector end -- 6004 RollingStockDatasetQueryMessage -- sector (TrainID) begin -- 8500 UpdateInMessage 8501 ObjectInfoMessage -- sector end --9000 Er...</p> <p><b>MessageTyVersi...</b> Version of the Message T...</p> <p><b>MessageIdentifier</b> Identification of the Mess...</p> <p><b>MessageDateTime</b> Generated by the common Interface</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageType</a> <a href="#">MessageTypeVersion</a> <a href="#">MessageIdentifier</a> <a href="#">MessageDateTime</a></p>
<p>used by</p>	<p>elements <a href="#">ErrorMessage/ErrorMessageReference</a> <a href="#">MessageHeader</a></p>
<p>annotation</p>	<p>documentation This element identifies the message</p>
<p>source</p>	<pre>&lt;xs:element name="MessageReference"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="MessageType"/&gt;     &lt;xs:element ref="MessageTypeVersion"/&gt;     &lt;xs:element ref="MessageIdentifier"/&gt;     &lt;xs:element name="MessageDateTime" type="xs:dateTime"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Generated by the common Interface&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **MessageReference/MessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre> &lt;xs:element name="MessageDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generated by the common Interface&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **MessageRoutingID**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>Numeric2-2</b>									
properties	content simple									
used by	element <b>MessageHeader</b>									
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> &lt;xs:element name="MessageRoutingID" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information used to route the message to the correct receiving application (if needed)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

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

element **MessageType**

<p>diagram</p>	<pre> <b>MessageType</b> To indicate the message type transmitted or referred to. The following list was agreed within the sector: 2000 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_ET_A_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5011 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage --sector (RU-RU) -- 5500 WagonPerformanceMessage -- sector end-- 6004 RollingStockDatasetQueryMessage -- sector (TrainID) begin -- 8500 UpdateLinkMessage 8501 ObjectInfoMessage -- sector end --9000 Er...                 </pre>						
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>						
<p>type</p>	<p>restriction of <b>xs:string</b></p>						
<p>properties</p>	<p>content simple</p>						
<p>used by</p>	<p>element <a href="#">MessageReference</a></p>						
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength	4		
annotation	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
	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			UplateLinkMessage



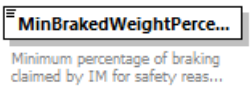
	8501 -- 9000	sector end	ObjectInfoMessage ErrorMessage
source	<pre> &lt;xs:element name="MessageType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCanceledMessage 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 </pre>		

6002			LocationFileDatasetMessage
6003			RollingStockDatasetMessage
--sector	(RU-RU)		---
5500			WagonPerformanceMessage
--	sector		end---
6004			RollingStockDatasetQueryMessage
--	sector	(TrainID)	begin --
8500			UdateLinkMessage
8501			ObjectInfoMessage
--	sector		end --
9000			ErrorMessage
			</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>


element **MessageTypeVersion**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	content simple						
used by	element <a href="#">MessageReference</a>						
facets	<table border="1"> <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>&lt;xs:element name="MessageTypeVersion"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Version of the Message Type&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="25"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						

element **MinBrakedWeightPercent**

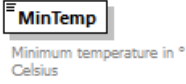
diagram	 Minimum percentage of braking claimed by IM for safety reas...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
facets	<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>&lt;xs:element name="MinBrakedWeightPercent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum percentage of braking claimed by IM for safety reasons.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **MinCurveRadius**

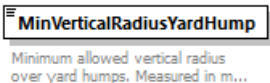
diagram	 Measured in Met...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</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>&lt;xs:element name="MinCurveRadius"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measured in Metres&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

	<pre>&lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

### element **MinTemp**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet/TemperatureRange</a>									
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>&lt;xs:element name="MinTemp"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum temperature in ° Celsius&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="-99"/&gt;       &lt;xs:maxInclusive value="0"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

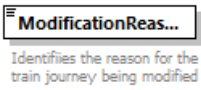
### element **MinVerticalRadiusYardHump**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.									
source	<pre>&lt;xs:element name="MinVerticalRadiusYardHump"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Minimum allowed vertical radius over yard humps.     Measured in meters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;</pre>									

```

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

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>DelayCode</b>		
properties	content	simple	
used by	element	<a href="#">TrainJourneyModificationMessage</a>	
facets	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	
	enumeration	60	
	enumeration	61	
	enumeration	62	

	enumeration 63 enumeration 64 enumeration 68 enumeration 70 enumeration 69 enumeration 71 enumeration 80 enumeration 81 enumeration 82 enumeration 83 enumeration 84 enumeration 89 enumeration 90 enumeration 91 enumeration 92 enumeration 93 enumeration 94 enumeration 95
annotation	documentation Identifies the reason for the train journey being modified
source	<pre>&lt;xs:element name="ModificationReason" type="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the reason for the train journey being modified&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ModificationStatusIndicator**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">LocationModified</a>									
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 element shows if the location has been added or deleted in the modified train journey									
source	<pre>&lt;xs:element name="ModificationStatusIndicator"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows if the location has been added or deleted in the modified train journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

	<pre> &lt;xs:maxInclusive   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> value="99"/&gt; </pre>
--	---	------------------------------

element **Name**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	<a href="#">FreeText</a>	
properties	content simple	
used by	elements <a href="#">AdministrativeContactInformation</a> <a href="#">Customer</a> <a href="#">RollingRoadUnit/RollingRoadUnitDetails/Haulier</a> <a href="#">NetworkSpecificParameter</a>	
facets	Kind	Value Annotation
	minLength	1
	maxLength	255
annotation	documentation Generic Name in Free Text	
source	<pre> &lt;xs:element   name="Name"   type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic Name in Free Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>	

element **NetworkProjectedLocation**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">NextLocation</a> <a href="#">ProportionOfDistanceBetweenLocations</a> <a href="#">DistancePrecision</a>	
used by	element <a href="#">GeoLocalisationOnNetwork</a>	
annotation	documentation Projection of a geographical position on a network line.	
source	<pre> &lt;xs:element   name="NetworkProjectedLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Projection of a geographical position on a network line. </pre>	

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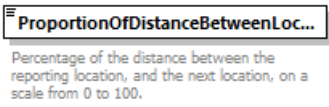
element **NetworkProjectedLocation/NextLocation**

diagram	<p>The diagram shows a class <b>NextLocation</b> with a description: "Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the 'boundaries' of the location included in the LocationReport". This class contains four sub-elements: <b>CountryCodeISO</b> (Identifies a Country or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport
source	<pre> &lt;xs:element name="NextLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt; </pre>

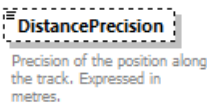


	<pre> &lt;xs:documentation&gt;Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
--	---

#### element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>Percentage</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.									
source	<pre> &lt;xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

#### element **NetworkProjectedLocation/DistancePrecision**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<b>xs:float</b>						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
annotation	documentation Precision of the position along the track. Expressed in metres.						
source	<pre> &lt;xs:element name="DistancePrecision" type="xs:float" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Precision of the position along the track. Expressed in metres.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>						

element **NetworkSpecificParameter**

diagram	<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/3.2
properties	content complex
children	<b>Name Value</b>
used by	elements <a href="#">AffectedSection</a> <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a> <a href="#">PlannedJourneyLocation</a>
annotation	documentation The usage of this element must be specified in national rules and has to be defined by each IM
source	<pre>&lt;xs:element name="NetworkSpecificParameter"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The usage of this element must be specified in national rules and has to be defined by each IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Name"/&gt;       &lt;xs:element name="Value" type="FreeText"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **NetworkSpecificParameter/Value**

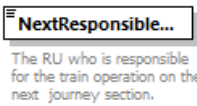
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>FreeText</b>									
properties	content simple									
used by	elements <a href="#">Height</a> <a href="#">Length</a> <a href="#">Width</a>									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <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>&lt;xs:element name="Value" type="FreeText"/&gt;</pre>									

element **NextIntermediateDestination**


diagram	<p>Identifies next stopping point on the route of a train</p> <p>A location on the route of a tr...</p> <p>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will ch...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

properties	content complex
children	<a href="#">IntermediateDestination</a> <a href="#">DeliveryTimeAtInterchange</a>
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation Identifies next stopping point on the route of a train
source	<pre> &lt;xs:element name="NextIntermediateDestination"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies next stopping point on the route of a train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="IntermediateDestination"/&gt;       &lt;xs:element ref="DeliveryTimeAtInterchange"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **NextResponsibleRU**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">WIMO Dataset/ConsignmentLevelData</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint</a>												
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> &lt;xs:element name="NextResponsibleRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The RU who is responsible for the train operation on the next journey section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

element **NHM\_Code**

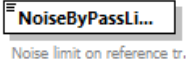
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">NHMCodeType</a>
properties	content simple

used by	elements <a href="#">Goods</a> <a href="#">GoodsInWagon/GoodsInContainer</a> <a href="#">GoodsInWagon</a>									
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>&lt;xs:element name="NHM_Code" type="NHMCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;NHM code of the goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

### element **Noise**

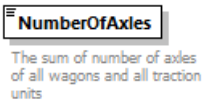
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <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>&lt;xs:element name="Noise"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Noise level at stand still in decibels&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

### element **NoiseByPassLimit**

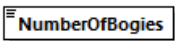
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <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> &lt;xs:element name="NoiseByPassLimit"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Noise limit on reference track&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

### element **NumberOfAxles**

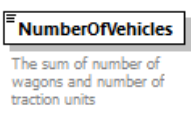
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">TrainRunningTechData</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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> &lt;xs:element name="NumberOfAxles"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sum of number of axles of all wagons and all traction units&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0000"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

### element **NumberOfBogies**

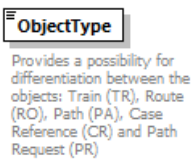
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:int</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>

facets	Kind Value Annotation minInclusive 1 maxInclusive 9
source	<pre> &lt;xs:element name="NumberOfBogies"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

### element **NumberOfVehicles**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:integer</b>
properties	content simple
used by	element <a href="#">TrainRunningTechData</a>
facets	Kind Value Annotation minInclusive 0000 maxInclusive 9999
annotation	documentation The sum of number of wagons and number of traction units
source	<pre> &lt;xs:element name="NumberOfVehicles"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sum of number of wagons and number of traction units&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0000"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

### element **ObjectType**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple

used by	complexTypes <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>																											
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> <tr> <td>enumeration</td> <td>TR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RO</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PR</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}		enumeration	TR		enumeration	RO		enumeration	PA		enumeration	CR		enumeration	PR	
Kind	Value	Annotation																										
minLength	2																											
maxLength	2																											
pattern	[0-9A-Z]{2}																											
enumeration	TR																											
enumeration	RO																											
enumeration	PA																											
enumeration	CR																											
enumeration	PR																											
annotation	<p>documentation</p> <p>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)</p>																											
source	<pre>&lt;xs:element name="ObjectType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:pattern value="[0-9A-Z]{2}"/&gt;       &lt;xs:enumeration value="TR"/&gt;       &lt;xs:enumeration value="RO"/&gt;       &lt;xs:enumeration value="PA"/&gt;       &lt;xs:enumeration value="CR"/&gt;       &lt;xs:enumeration value="PR"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																											

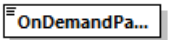
element **Offset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:integer</b>
properties	content simple
used by	element <a href="#">TimingAtLocation/Timing</a>
source	<pre>&lt;xs:element name="Offset" type="xs:integer"/&gt;</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/3.2
type	<b>xs:integer</b>
properties	content simple
used by	element <a href="#">PlannedCalendar</a>
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>&lt;xs:element name="OffsetToReference" type="xs:integer"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

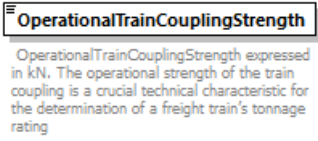
element **OnDemandPath**

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/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedJourneyLocation</a>
annotation	documentation For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)
source	<pre>&lt;xs:element name="OnDemandPath" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

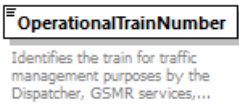


	</xs:element>
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element **OperationalTrainCouplingStrength**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating									
source	<pre> &lt;xs:element name="OperationalTrainCouplingStrength"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                     </pre>									

element **OperationalTrainNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">String1-8</a>									
properties	content simple									
used by	elements <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">PlannedJourneyLocation</a>									
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>&lt;xs:element name="OperationalTrainNumber" type="String1-8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--------	--

element **OperationalTrainNumberIdentifier**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">OperationalTrainNumber</a> <a href="#">ScheduledTimeAtHandover</a> <a href="#">ScheduledDateTimeAtTransfer</a>
used by	elements <a href="#">AffectedSection</a> <a href="#">ChangeofTrackMessage</a> <a href="#">ReferenceOTN</a> <a href="#">TrainAtLocation</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
source	<pre>&lt;xs:element name="OperationalTrainNumberIdentifier"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="OperationalTrainNumber"/&gt;       &lt;xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/&gt;       &lt;xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **OriginCountry**

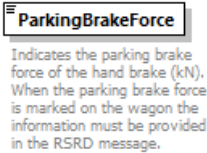
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <a href="#">CountryIdentISO</a>												
properties	content simple												
used by	elements <a href="#">ITU Details</a> <a href="#">Wagons/WagonDetails</a>												
facets	<table border="1"> <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> &lt;xs:element name="OriginCountry"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of origin country of the UTI.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: ISO-3166-2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="CountryIdentISO"&gt;       &lt;xs:pattern value="[A-Z][A-Z]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

### element **OverhaulValidityPeriod**

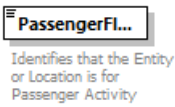
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</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> &lt;xs:element name="OverhaulValidityPeriod"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Validity period of last overhaul in years as marked on the wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxExclusive value="20"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

### element **ParkingBrakeForce**

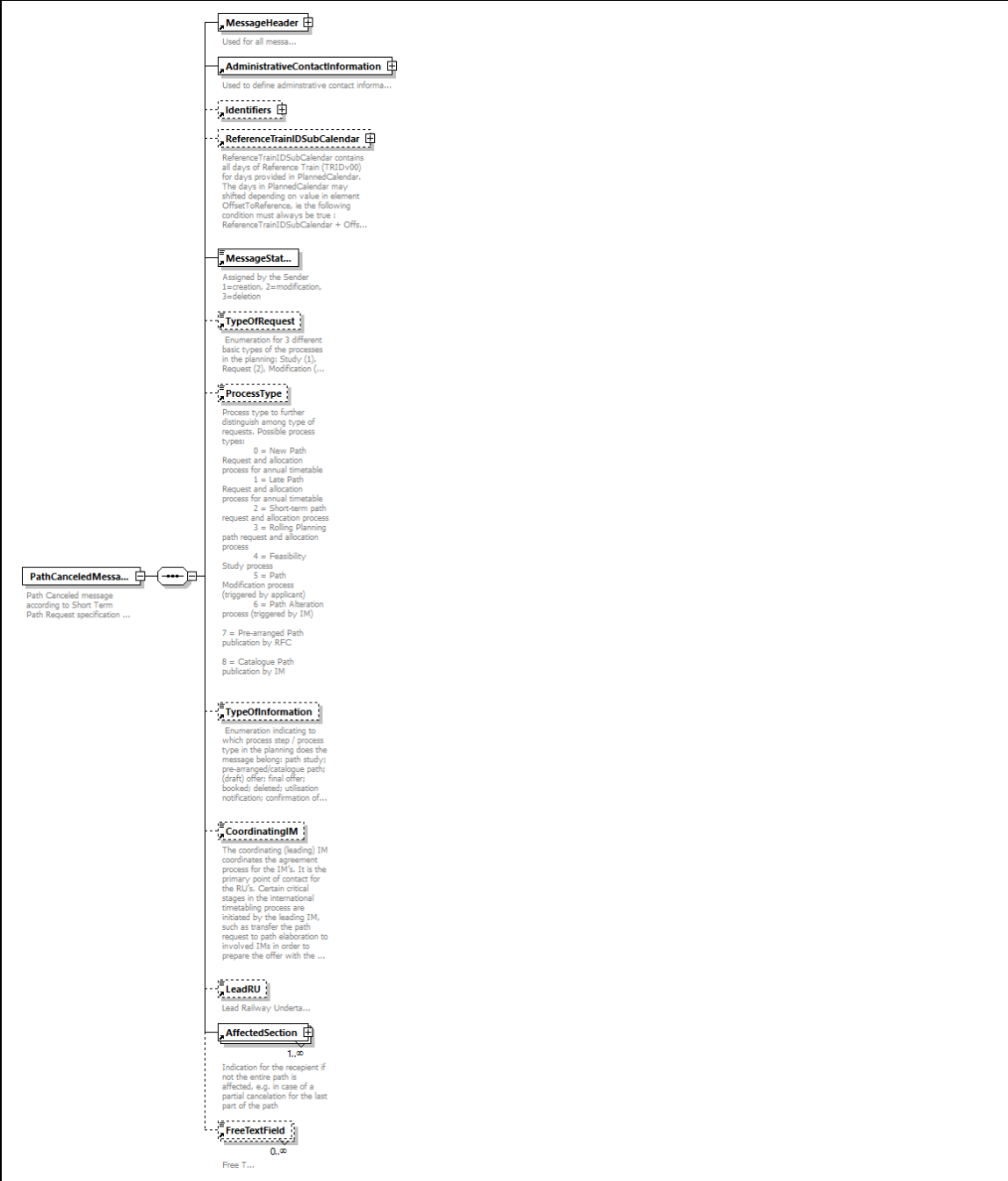
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	restriction of <b>xs:decimal</b>									
properties	content simple									
used by	elements <a href="#">HandBrake WagonTechData</a>									
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> &lt;xs:element name="ParkingBrakeForce"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="5"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **PassengerFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">LocationPrimaryInformation</a>
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre> &lt;xs:element name="PassengerFlag" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies that the Entity or Location is for Passenger Activity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **PathCanceledMessage**

<p>diagram</p> 	<p><b>MessageHeader</b> Used for all messa...</p> <p><b>AdministrativeContactInformation</b> Used to define administrative contact informa...</p> <p><b>Identifiers</b></p> <p><b>ReferenceTrainIDSubCalendar</b> ReferenceTrainIDSubCalendar contains all days of Reference Train (TRID+00) 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 + Offs...</p> <p><b>MessageStat...</b> Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p><b>TypeOfRequest</b> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (...)</p> <p><b>ProcessType</b> Process type to further distinguish among type of requests. Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM</p> <p><b>TypeOfInformation</b> 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...</p> <p><b>CoordinatingIM</b> 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 ...</p> <p><b>LeadRU</b> Lead Railway Undertaka...</p> <p><b>AffectedSection</b> 1..2 Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path.</p> <p><b>FreeTextField</b> 0..2 Free T...</p> <p><b>PathCanceledMessa...</b> Path Canceled message according to Short Term Path Request specification ...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">AffectedSection</a> <a href="#">FreeTextField</a></p>
<p>annotation</p>	<p>documentation Path Canceled message according to Short Term Path Request specification (WG5)</p>
<p>source</p>	<pre>&lt;xs:element name="PathCanceledMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Path Canceled message according to Short Term Path Request specification (WG5)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt;</pre>

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<xs:sequence>
  <xs:element ref="MessageHeader"/>
  <xs:element ref="AdministrativeContactInformation"/>
  <xs:element ref="Identifiers" minOccurs="0"/>
  <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
  <xs:element ref="MessageStatus"/>
  <xs:element ref="TypeOfRequest" minOccurs="0"/>
  <xs:element ref="ProcessType" minOccurs="0"/>
  <xs:element ref="TypeOfInformation" minOccurs="0"/>
  <xs:element ref="CoordinatingIM" minOccurs="0"/>
  <xs:element ref="LeadRU" minOccurs="0"/>
  <xs:element ref="AffectedSection" maxOccurs="unbounded"/>
  <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **PathConfirmedMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">AffectedSection</a></p>
<p>annotation</p>	<p>documentation This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</p>
<p>source</p>	<pre>&lt;xs:element name="PathConfirmedMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original</pre>

```
Request</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
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    <xs:element ref="AdministrativeContactInformation"/>
    <xs:element ref="Identifiers" minOccurs="0"/>
    <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
    <xs:element ref="MessageStatus"/>
    <xs:element ref="TypeOfRequest" minOccurs="0"/>
    <xs:element ref="ProcessType" minOccurs="0"/>
    <xs:element ref="TypeOfInformation" minOccurs="0"/>
    <xs:element ref="CoordinatingIM" minOccurs="0"/>
    <xs:element ref="LeadRU" minOccurs="0"/>
    <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```



element **PathDetailsMessage**

<p>diagram</p>	<p><b>MessageHeader</b> Used for all messa...</p> <p><b>AdministrativeContactInformation</b> Used to define administrative contact informa...</p> <p><b>Identifiers</b></p> <p><b>ReferenceTrainIDSubCalendar</b> ReferenceTrainIDSubCalendar contains all days of Reference Train (TRCIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetReference, is the following condition must always be true: ReferenceTrainIDSubCalendar + Offs...</p> <p><b>MessageStat...</b> Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p><b>TypeOfRUHarmonization</b> Type of RU harmonization: Full, Part, None.</p> <p><b>TypeOfIMHarmonization</b> Enumeration of Type of IM harmonization: Full, ...</p> <p><b>CoordinatingIM</b> The coordinating (leading) IM coordinates the agreement process for the IMs. It is the primary point of contact for the RUs. 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 ...</p> <p><b>LeadRU</b> Lead Railway Undertak...</p> <p><b>TypeOfRequest</b> 1 Path study 2 Path request 3 Path Modification</p> <p><b>ProcessType</b> Process type to further distinguish among type of requests. Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM</p> <p><b>TypeOfInformation</b> 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 notifications; confirmation of...</p> <p><b>PathInformation</b></p> <p><b>NetworkSpecificParameter</b> 0..2 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</p> <p><b>FreeTextField</b> 0..2 Free T...</p> <p><b>PathDetailsMessa...</b> This message is used by the IM to the RU confirming details of the path in response to an RU...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRUHarmonization</a> <a href="#">TypeOfIMHarmonization</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">PathInformation</a> <a href="#">NetworkSpecificParameter</a> <a href="#">FreeTextField</a></p>
<p>annotation</p>	<p>documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request</p>
<p>source</p>	<pre>&lt;xs:element name="PathDetailsMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the IM to the RU confirmaing     details of the path in response to an RU request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="AdministrativeContactInformation"/>
    <xs:element ref="Identifiers" minOccurs="0"/>
    <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
    <xs:element ref="MessageStatus"/>
    <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/>
    <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/>
    <xs:element ref="CoordinatingIM" minOccurs="0"/>
    <xs:element ref="LeadRU" minOccurs="0"/>
    <xs:element ref="TypeOfRequest">
      <xs:annotation>
        <xs:documentation>1 Path study
2 Path request
3 Path Modification
      </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="ProcessType" minOccurs="0"/>
    <xs:element ref="TypeOfInformation"/>
    <xs:element ref="PathInformation"/>
    <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>A structured section for specific mandatory
attributes for that network. This has to be checked by the applications that
network section is contained in journey location only if journey location belongs
to PathInformation element
      </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **PathDetailsRefusedMessage**

<p>diagram</p>	<p><b>MessageHeader</b> Used for all messa...</p> <p><b>AdministrativeContactInformation</b> Used to define administrative contact informa...</p> <p><b>Identifiers</b></p> <p><b>ReferenceTrainIDSubCalendar</b> ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetReference, in the following condition must always be true: ReferenceTrainIDSubCalendar + Offs...</p> <p><b>MessageStat...</b> Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p><b>TypeOfRequest</b> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (...)</p> <p><b>ProcessType</b> Process type to further distinguish among type of requests. Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM</p> <p><b>TypeOfInformation</b> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path (draft) offers final offer; booked; deleted; utilisation notification; confirmation of...</p> <p><b>CoordinatingIM</b> The coordinating (leading) IM coordinates the agreement process for the IMs. It is the primary point of contact for the RUs. 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 ...</p> <p><b>LeadRU</b> Lead Railway Undertak...</p> <p><b>RevisedRequest...</b> Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative o...</p> <p><b>AffectedSection</b> 0..∞ Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path</p> <p><b>FreeTextField</b> 0..∞ Free T...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">RevisedRequest</a> <a href="#">AffectedSection</a> <a href="#">FreeTextField</a></p>
<p>annotation</p>	<p>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</p>
<p>source</p>	<pre>&lt;xs:element name="PathDetailsRefusedMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)</pre>

	<pre> are &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="MessageHeader"/&gt;     &lt;xs:element ref="AdministrativeContactInformation"/&gt;     &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;     &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;     &lt;xs:element ref="MessageStatus"/&gt;     &lt;xs:element ref="TypeOfRequest" minOccurs="0"/&gt;     &lt;xs:element ref="ProcessType" minOccurs="0"/&gt;     &lt;xs:element ref="TypeOfInformation" minOccurs="0"/&gt;     &lt;xs:element ref="CoordinatingIM" minOccurs="0"/&gt;     &lt;xs:element ref="LeadRU" minOccurs="0"/&gt;     &lt;xs:element ref="RevisedRequest" minOccurs="0"/&gt;     &lt;xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>	<pre> not acceptable&lt;/xs:documentation&gt; </pre>
--	---	--

element **PathInformation**

diagram	<pre> classDiagram     class PathInformation {         +PlannedJourneyLocation*         +PlannedCalendar         +RequestedCalendar     }     PathInformation "1" -- "2..∞" PlannedJourneyLocation     PathInformation "1" -- "1" PlannedCalendar     PathInformation "1" -- "1" RequestedCalendar     RequestedCalendar .. &gt; PlannedCalendar : subset of the requested calendar </pre>	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">PlannedJourneyLocation</a> <a href="#">PlannedCalendar</a> <a href="#">RequestedCalendar</a>	
used by	elements <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a>	
source	<pre> &lt;xs:element name="PathInformation"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="PlannedCalendar"/&gt;       &lt;xs:element ref="RequestedCalendar" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;subset of the requested calendar&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>	

element **PathNotAvailableMessage**

<p>diagram</p>	<p><b>MessageHeader</b> Used for all messa...</p> <p><b>AdministrativeContactInformation</b> Used to define administrative contact informa...</p> <p><b>Identifiers</b> .....</p> <p><b>ReferenceTrainIDSubCalendar</b> ReferenceTrainIDSubCalendar contains all days of Reference Train (TRID=00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetOfReference, in the following condition must always be true: ReferenceTrainIDSubCalendar + Offs...</p> <p><b>MessageStat...</b> Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p><b>TypeOfRequest</b> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)...</p> <p><b>ProcessType</b> Process type to further distinguish among type of requests. Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM</p> <p><b>TypeOfInformation</b> 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; utilization notification; confirmation of...</p> <p><b>CoordinatingIM</b> The coordinating (leading) IM coordinates the agreement process for the IMs. It is the primary point of contact for the RUs. 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 ...</p> <p><b>LeadRU</b> Lead Railway Undertaka...</p> <p><b>AffectedSection</b> 1, n Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path</p> <p><b>InterruptionInformation</b> 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 needed during the interruption caused in planning. The other subelements help describing the interruption inter...</p> <p><b>FreeTextField</b> Free T... 0..n</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">AffectedSection</a> <a href="#">InterruptionInformation</a> <a href="#">FreeTextField</a></p>
<p>annotation</p>	<p>documentation Path Not Available message according to Short Term Path Request specification (WG5)</p>
<p>source</p>	<p>&lt;xs:element name="PathNotAvailableMessage"&gt; &lt;xs:annotation&gt;</p>

```

<xs:documentation>Path Not Available message according to Short Term Path
Request specification (WG5) </xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="AdministrativeContactInformation"/>
    <xs:element ref="Identifiers" minOccurs="0"/>
    <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
    <xs:element ref="MessageStatus"/>
    <xs:element ref="TypeOfRequest" minOccurs="0"/>
    <xs:element ref="ProcessType" minOccurs="0"/>
    <xs:element ref="TypeOfInformation" minOccurs="0"/>
    <xs:element ref="CoordinatingIM" minOccurs="0"/>
    <xs:element ref="LeadRU" minOccurs="0"/>
    <xs:element ref="AffectedSection" maxOccurs="unbounded"/>
    <xs:element ref="InterruptionInformation"/>
    <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **PathRequestMessage**

<p>diagram</p>  <p>The diagram shows the structure of the PathRequestMessage element. It is a complex type containing several elements: MessageHeader, AdministrativeContactInformation, Identifiers, ReferenceTrainIDSubCalendar, MessageStat, TypeOfRUHarmonization, TypeOfIMHarmonization, CoordinatingIM, LeadRU, TypeOfRequest, ProcessType, TypeOfInformation, TrainInformation, PathInformation, NetworkSpecificParameter, and FreeTextField. Each element is described with its purpose and constraints.</p>	<p><b>MessageHeader</b> Used for all messa...</p> <p><b>AdministrativeContactInformation</b> Used to define administrative contact informa...</p> <p><b>Identifiers</b> .....</p> <p><b>ReferenceTrainIDSubCalendar</b> ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shift depending on value in element OffsetOfReference, as the following condition must always be true : ReferenceTrainIDSubCalendar + Off...</p> <p><b>MessageStat...</b> Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p><b>TypeOfRUHarmonization</b> Type of RU harmonization. Full, Part, None.</p> <p><b>TypeOfIMHarmonization</b> ..... Enumeration of Type of IM harmonization: Full, ...</p> <p><b>CoordinatingIM</b> Proposal from the RU. IM's will decide who will take the role.</p> <p><b>LeadRU</b> ..... Lead Railway Undertaka...</p> <p><b>TypeOfRequest</b> ..... 1 = Path study 2 = Path request 3 = Path Modification</p> <p><b>ProcessType</b> ..... Process type to further distinguish among type of requests. Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RfC 8 = Catalogue Path publication by IM</p> <p><b>TypeOfInformation</b> ..... 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; utilization notification; confirmation of...</p> <p><b>TrainInformation</b> ..... Train Information provided by the RUs as an overview for the whole train journey from origin to destination</p> <p><b>PathInformation</b> ..... Information provided by the RU for a requested journey/ section or by the IM for an offered/booked of the Path section</p> <p><b>NetworkSpecificParameter</b> ..... 0..∞ 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</p> <p><b>FreeTextField</b> ..... 0..∞ Free T...</p> <p><b>PathRequestMessa...</b> ..... This message serves to request a train path. The message is sent from the RU to each IM involved.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">AdministrativeContactInformation</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">MessageStatus</a> <a href="#">TypeOfRUHarmonization</a> <a href="#">TypeOfIMHarmonization</a> <a href="#">CoordinatingIM</a> <a href="#">LeadRU</a> <a href="#">TypeOfRequest</a> <a href="#">ProcessType</a> <a href="#">TypeOfInformation</a> <a href="#">TrainInformation</a> <a href="#">PathInformation</a> <a href="#">NetworkSpecificParameter</a> <a href="#">FreeTextField</a></p>
<p>annotation</p>	<p>documentation This message serves to request a train path. The message is sent from the RU to each IM involved.</p>
<p>source</p>	<pre>&lt;xs:element name="PathRequestMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message serves to request a train path. The message is sent from the RU to each IM involved.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>


```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="AdministrativeContactInformation"/>
    <xs:element ref="Identifiers" minOccurs="0"/>
    <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
    <xs:element ref="MessageStatus"/>
    <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/>
    <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/>
    <xs:element ref="CoordinatingIM" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Proposal from the RU, IM's will decide who will
take the role.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="LeadRU" minOccurs="0"/>
    <xs:element ref="TypeOfRequest">
      <xs:annotation>
        <xs:documentation>1 Path study
2 Path request
3 Path Modification
</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="ProcessType" minOccurs="0"/>
    <xs:element ref="TypeOfInformation"/>
    <xs:element ref="TrainInformation">
      <xs:annotation>
        <xs:documentation>Train Information provided by the RUs as an
overview for the whole train journey from origin to
destination</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="PathInformation">
      <xs:annotation>
        <xs:documentation>Information provided by the RU for a requested
journey section or by the IM for an offered/booked of the Path
section</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>A structured section for specific mandatory
attributes for that network. This has to be checked by the applications that
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>

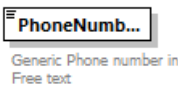
```



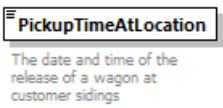
element **PermittedTolerance**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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> &lt;xs:element name="PermittedTolerance"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Permitted tolerance after date of overhaul (in months)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

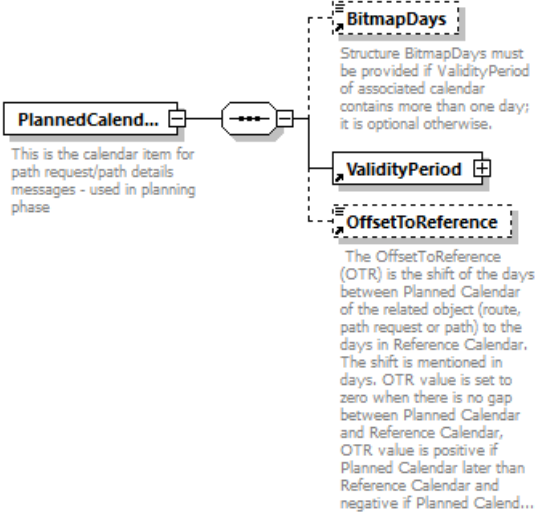
element **PhoneNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">CommunicationRefID</a>									
properties	content simple									
used by	element <a href="#">AdministrativeContactInformation</a>									
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> &lt;xs:element name="PhoneNumber" type="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Generic Phone number in Free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **PickupTimeAtLocation**

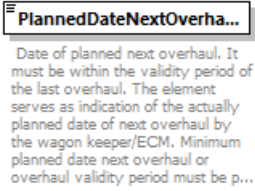
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre>&lt;xs:element name="PickupTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The date and time of the release of a wagon at customer sidings&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PlannedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">BitmapDays</a> <a href="#">ValidityPeriod</a> <a href="#">OffsetToReference</a>
used by	elements <a href="#">AffectedSection</a> <a href="#">PathInformation</a> <a href="#">TrainInformation</a>
annotation	documentation This is the calendar item for path request/path details messages - used in planning phase
source	<pre>&lt;xs:element name="PlannedCalendar"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This is the calendar item for path request/path details messages - used in planning phase&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BitmapDays" minOccurs="0"/&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;xs:element ref="OffsetToReference" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
--	---

element **PlannedDateNextOverhaul**

diagram	 <p><b>PlannedDateNextOverha...</b></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 p...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>
annotation	documentation Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.
source	<pre>&lt;xs:element name="PlannedDateNextOverhaul" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PlannedJourneyLocation**

<p>diagram</p>	<p>LocationIdent (extends...)</p> <ul style="list-style-type: none"> <li><b>CountryCodeISO</b> Identifies a Country or State by code (ISO 3166-1)</li> <li><b>LocationPrimaryCode</b> Location Name in an official language of the Country using the ISO Unicode alph...</li> <li><b>PrimaryLocationName</b> Location Name in an official language of the Country using the ISO Unicode alph...</li> <li><b>LocationSubsidiaryIdentification</b> Code, Name and allocation company of Subsidiary location</li> <li><b>TimingAtLocation</b> Timing at an operation point It has an attribute TimeQualifierCode with the following values: P.L. = Public Location Arrival E.L.A. = Earliest Location Arrival A.L.A. = Actual Location Arrival L.L.A. = Latest Location Arrival P.L.D. = Public Location Departure E.L.D. = Earliest Location Departure A.L.D. = Actual Location Departure L.L.D. = Latest Location De...</li> <li><b>FreeTextField</b> Free T...</li> <li><b>ResponsibleApplicant</b> This element has to be used for the whole journey unless the applicant has made the request</li> <li><b>ResponsibleRU</b> RU Responsible for the physical operation of the train or wagon</li> <li><b>ResponsibleIM</b> 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 occur at a network border without stopping of the train) in case where the IM on the preceding section changes from the legal point of view. This means, the new IM has the legal responsibility for t...</li> <li><b>PlannedTrainData</b> Train request data for a planning period</li> <li><b>StatusOfHarmonization</b> Does not force harmonization, it just sets an indicator message has the interchange/handover been harmonized or not.</li> <li><b>TrainActivity</b> Since the activities can be related to specific detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</li> <li><b>OnDemandPath</b> For the use of on demand or optional path (has to be either active or deselected depending to ...)</li> <li><b>PreArrangedPath</b> Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for specific transport services.</li> <li><b>OperationalTrainNumber</b> Identifies the train for traffic management purposes by the destination (could be null...)</li> <li><b>NetworkSpecificParameter</b> The usage of this element must be specified in national rules and has to be defined by each IM</li> <li><b>JourneyLocationTypeCode</b> 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 ...</li> </ul>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>type</p>	<p>extension of <a href="#">LocationIdent</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>  <a href="#">TimingAtLocation</a> <a href="#">FreeTextField</a> <a href="#">ResponsibleApplicant</a> <a href="#">ResponsibleRU</a> <a href="#">ResponsibleIM</a> <a href="#">PlannedTrainData</a>  <a href="#">StatusOfHarmonization</a> <a href="#">TrainActivity</a> <a href="#">OnDemandPath</a> <a href="#">PreArrangedPath</a> <a href="#">OperationalTrainNumber</a>  <a href="#">NetworkSpecificParameter</a> <a href="#">JourneyLocationTypeCode</a></p>
<p>used by</p>	<p>elements <a href="#">PathInformation</a> <a href="#">TrainInformation</a></p>
<p>annotation</p>	<p>documentation Any operation point along the train journey or path</p>
<p>source</p>	<p>&lt;xs:element name="PlannedJourneyLocation"&gt;</p>

```

<xs:annotation>
  <xs:documentation>Any operation point along the train journey or
path</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:complexContent>
    <xs:extension base="LocationIdent">
      <xs:sequence minOccurs="1">
        <xs:element ref="TimingAtLocation" minOccurs="0"/>
        <xs:element ref="FreeTextField" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element ref="ResponsibleApplicant" minOccurs="0"/>
        <xs:element ref="ResponsibleRU" minOccurs="0"/>
        <xs:element ref="ResponsibleIM" minOccurs="0"/>
        <xs:element ref="PlannedTrainData" minOccurs="0"/>
        <xs:element name="StatusOfHarmonization" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Does not force harmonization, it just sets an
indication message: has the interchange/handover been harmonized or
not.</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="HandoverHarmonized" type="xs:boolean"
minOccurs="0">
                <xs:annotation>
                  <xs:documentation>IM indicates that he has finished to
harmonized the handover point. Used for PathDetails message, should be
mandatory for applications.</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="InterchangeHarmonized" type="xs:boolean"
minOccurs="0">
                <xs:annotation>
                  <xs:documentation>RU indicates that it has harmonized the
interchange point with its' partner. Used for PathRequest, should be mandatory
for applications</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element ref="TrainActivity" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element ref="OnDemandPath" minOccurs="0"/>
        <xs:element ref="PreArrangedPath" minOccurs="0"/>
        <xs:element ref="OperationalTrainNumber" minOccurs="0"/>
        <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element ref="JourneyLocationTypeCode" minOccurs="1"
maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
</xs:element>

```

element **PlannedJourneyLocation/StatusOfHarmonization**

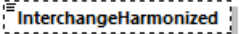
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 0 maxOcc 1 content complex</p>
<p>children</p>	<p><a href="#">HandoverHarmonized</a> <a href="#">InterchangeHarmonized</a></p>
<p>annotation</p>	<p>documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p>
<p>source</p>	<pre> &lt;xs:element name="StatusOfHarmonization" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for           applications&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

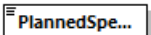
<p>diagram</p>	
----------------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
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>&lt;xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

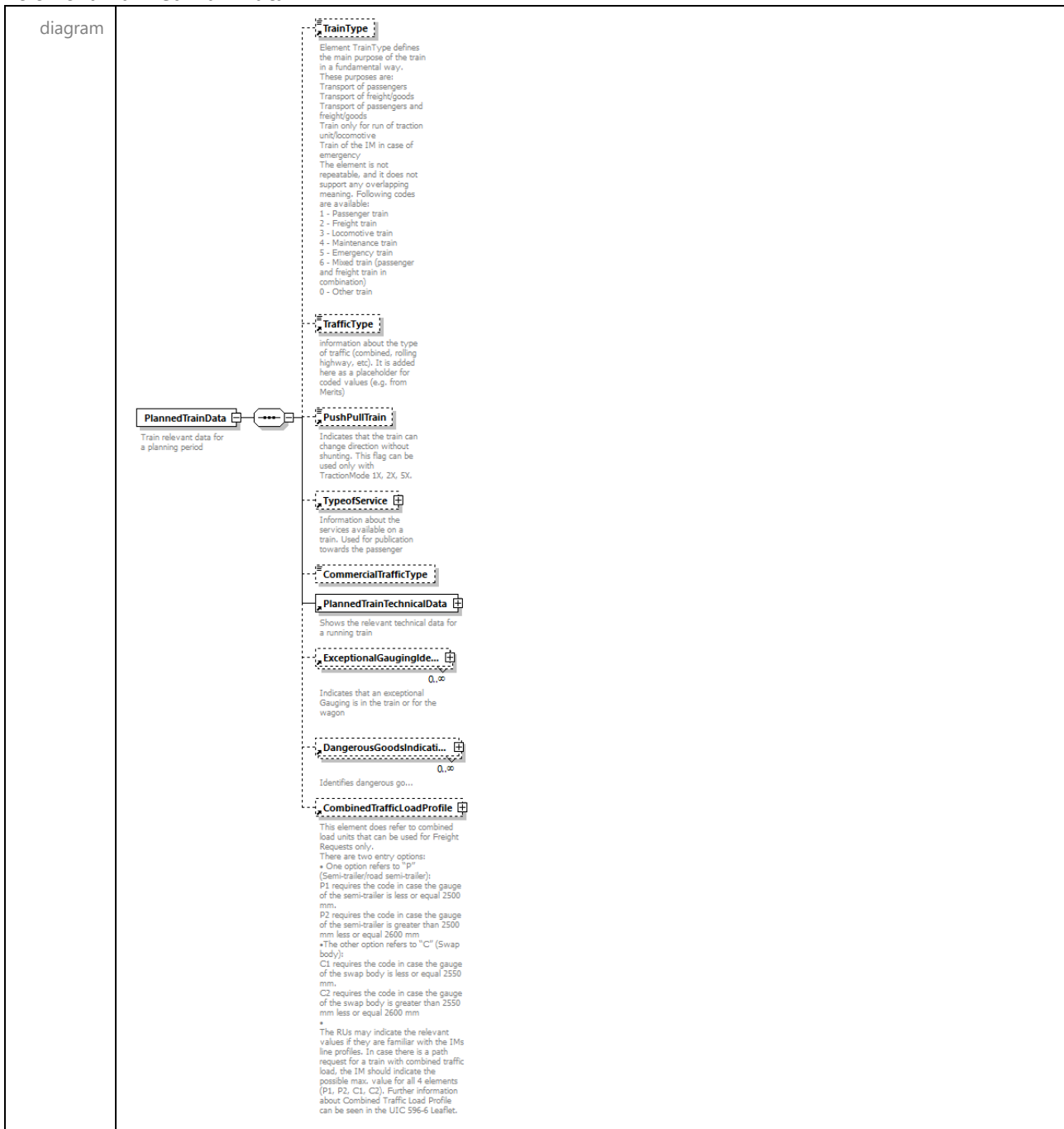
diagram	 <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<pre>&lt;xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</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/3.2
type	<b>Speed</b>
properties	content simple
used by	element <b>PlannedTrainTechnicalData</b>
facets	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>&lt;xs:element name="PlannedSpeed" type="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM may inform the RA on the speed which was the basis for path construction&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **PlannedTrainData**





namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TrainType</a> <a href="#">TrafficType</a> <a href="#">PushPullTrain</a> <a href="#">TypeofService</a> <a href="#">CommercialTrafficType</a> <a href="#">PlannedTrainTechnicalData</a> <a href="#">ExceptionalGaugingIdent</a> <a href="#">DangerousGoodsIndication</a> <a href="#">CombinedTrafficLoadProfile</a>
used by	element <a href="#">PlannedJourneyLocation</a>
annotation	documentation Train relevant data for a planning period
source	<pre> &lt;xs:element name="PlannedTrainData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Train relevant data for a planning period&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainType" minOccurs="0"/&gt;       &lt;xs:element ref="TrafficType" minOccurs="0"/&gt;       &lt;xs:element ref="PushPullTrain" minOccurs="0"/&gt;       &lt;xs:element ref="TypeofService" minOccurs="0"/&gt;       &lt;xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/&gt;       &lt;xs:element ref="PlannedTrainTechnicalData"/&gt;       &lt;xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **PlannedTrainData/CommercialTrafficType**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<b>type7009BrandNameCodeList</b>												
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</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
Kind	Value	Annotation											
maxLength	17												
enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0											
enumeration	47	documentation TAC documentation											

		TAC documentation
		Car sleeper train, motor rail (CST) documentation
		14 documentation
		0 documentation
enumeration	48	SAE documentation
		SAE documentation
		Unaccompanied car service, motor rail documentation
		14 documentation
		0 documentation
enumeration	49	EIC documentation
		EkspresC documentation
		Fast and Comfortable Interregional trains documentation
		10 documentation
		0 documentation
enumeration	50	EC documentation
		EuroCity documentation
		EuroCity documentation
		9 documentation
		0 documentation
enumeration	51	ICE documentation
		ICE documentation
		ICE documentation
		8 documentation
		0 documentation
enumeration	52	AVE documentation
		AVE documentation
		AVE documentation
		8 documentation
		0 documentation
enumeration	53	EIL documentation
		EUROSTAR documentation
		Eurostar documentation

		8	
		documentation	
	enumeration	54	0
		documentation	
		documentation	
		documentation	
		<b>Talgo</b>	
		documentation	
		9	
		documentation	
	enumeration	55	0
		documentation	
		OTU	
		documentation	
		<b>Oresundstog</b>	
		documentation	
		<b>Oresundstog</b>	
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		documentation	
	enumeration	56	0
		documentation	
		<b>TGV</b>	
		documentation	
		<b>TGV</b>	
		documentation	
		<b>TGV Bruxelles – Lille / Province</b>	
		documentation	
		8	
		documentation	
	enumeration	58	0
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		<b>TRN</b>	
		documentation	
		<b>Intercités</b>	
		documentation	
		<b>Intercités</b>	
		documentation	
		9	
		documentation	
	enumeration	59	0
		documentation	
		<b>AE</b>	
		documentation	
		<b>ALLEGRO</b>	
		documentation	
		<b>Allegro</b>	
		documentation	
		8	
		documentation	
	enumeration	60	0
		documentation	
		<b>ECB</b>	
		documentation	
		<b>EuroCityBrenner</b>	
		documentation	
		<b>EuroCityBrenner</b>	
		documentation	
		9	
		documentation	
		0	

	enumeration	62	documentation
			documentation
			documentation
			<b>Suburban service</b>
			documentation
			12
			documentation
			0
	enumeration	63	documentation
			IC
			documentation
			<b>Intercity</b>
			documentation
			<b>Intercity</b>
			documentation
			9
			documentation
			0
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			documentation
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			documentation
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			documentation
			0
	enumeration	65	documentation
			documentation
			<b>Ferry</b>
			documentation
			<b>hydrofoil</b>
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			documentation
			0
	enumeration	66	documentation
			IC
			documentation
			<b>Intercity</b>
			documentation
			<b>Inter City Lyn</b>
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			documentation
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	enumeration	67	documentation
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			documentation
			<b>TRN</b>
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			documentation
			0
	enumeration	68	documentation

		documentation
		documentation
		<b>International</b>
		documentation
		9
		documentation
		0
enumeration	69	documentation
		documentation
		documentation
		<b>Express</b>
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		documentation
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		<b>EN</b>
		documentation
		<b>EuroNight</b>
		documentation
		<b>Euro Night</b>
		documentation
		13
		documentation
		0
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		documentation
		<b>High-speed train</b>
		documentation
		<b>High-speed train</b>
		documentation
		8
		documentation
		0
enumeration	72	documentation
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		documentation
		<b>TRAIN</b>
		documentation
		<b>Train SNCF</b>
		documentation
		9
		documentation
		0
enumeration	73	documentation
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		documentation
		<b>TGV</b>
		documentation
		<b>TGV Sud-Est</b>
		documentation
		8
		documentation
		0
enumeration	74	documentation
		<b>TGV</b>
		documentation
		<b>TGV</b>

		documentation TGV Atlantique documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Nord documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Lyria documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Duplex documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Est documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Interconnexion documentation 8 documentation 0 documentation
enumeration	75	
enumeration	76	
enumeration	77	
enumeration	79	
enumeration	80	
enumeration	82	
		documentation THALYS documentation Thalys documentation

		8 documentation
enumeration	83	0 documentation
		documentation <b>Ferry</b> documentation <b>hovercraft</b> documentation 33 documentation
enumeration	84	0 documentation RE documentation <b>regional train</b> documentation <b>Regional</b> documentation 11 documentation
enumeration	85	0 documentation WTE documentation <b>Wilhelm Tell Express</b> documentation <b>Wilhelm Tell Express</b> documentation 10 documentation
enumeration	87	0 documentation
		documentation <b>PENDOLINO</b> documentation <b>Pendolino</b> documentation 8 documentation
enumeration	88	0 documentation <b>Suburban</b> documentation ";E1;" documentation
enumeration	89	0 documentation <b>ALV</b> documentation <b>Alvia</b> documentation <b>Alvia</b> documentation 8 documentation
enumeration	90	0 documentation <b>AVN</b> documentation <b>Avant</b>

		documentation Avant documentation 8 documentation 0
enumeration	91	documentation TER documentation TRAIN documentation Regional TER documentation 11
enumeration	92	documentation 0 documentation REG documentation NSB Regiontog documentation NSB Regiontog documentation 37
enumeration	93	documentation 0 documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8
enumeration	94	documentation 0 documentation SC documentation SuperCity documentation Supercity documentation 9
enumeration	95	documentation 0 documentation CNL documentation City Night Line (D) documentation DB Nachtzug documentation 13
enumeration	96	documentation 0 documentation INI documentation InterCityNotte Italia documentation InterCityNotte documentation 13



		documentation 0
	enumeration 97	documentation GB documentation ATOC MEMBER OPERATED SERVICE documentation ATOC MEMBER OPERATED SERVICE documentation 37
	enumeration 98	documentation 0 documentation ESI documentation ES* Italia documentation Eurostar Italia documentation 8
	enumeration 99	documentation 0 documentation
		documentation
		documentation Funicular documentation 15
	enumeration 100	documentation 0 documentation
		documentation
		documentation Airport train documentation 12
	enumeration 101	documentation 0 documentation Night train documentation 13
	enumeration 102	documentation 0 documentation
		documentation
		documentation Touristic train documentation 9
	enumeration 107	documentation 0 documentation
		documentation

			documentation Historical train, steam engine train documentation 16 documentation 0 documentation IRE documentation IRE documentation Interregio-Express documentation 10 documentation 0 documentation RB documentation RB documentation Regionalbahn documentation 11 documentation 0 documentation RE documentation RE documentation Regional-Express documentation 11 documentation 0 documentation RT documentation RT documentation RegioTram documentation 11 documentation 0 documentation
	enumeration	108	
	enumeration	109	
	enumeration	110	
	enumeration	111	
	enumeration	112	
			documentation Shinkansen documentation 8 documentation 0 documentation THT documentation TrainHotel Talgo documentation Train hotel talgo
	enumeration	113	

		documentation 13
		documentation 0
enumeration	114	documentation EUR documentation <b>Euromed</b> documentation <b>Euromed</b> documentation 9
		documentation 0
enumeration	115	documentation ALR documentation <b>Alaris</b> documentation <b>Alaris</b> documentation 9
		documentation 0
enumeration	116	documentation ALT documentation <b>Altaria</b> documentation <b>Altaria</b> documentation 9
		documentation 0
enumeration	117	documentation ARC documentation <b>Arco</b> documentation <b>intercity</b> documentation 9
		documentation 2
enumeration	119	documentation
		documentation
		documentation <b>S-Bahn</b> documentation 12
		documentation 0
enumeration	121	documentation <b>Night Train</b> documentation <b>Night Train</b> documentation ";E1;"
		documentation 0
enumeration	122	documentation

		IR documentation
		<b>Interregional</b> documentation
		<b>Interregional</b> documentation
		10 documentation
		0 documentation
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		<b>Interregional Night Train</b> documentation
		<b>Interregional Night Train</b> documentation
		13 documentation
		2 documentation
enumeration	124	NLT documentation
		<b>TOLSTOI</b> documentation
		<b>Tolstoi</b> documentation
		";E1;" documentation
enumeration	126	0 documentation
		documentation
		documentation
		<b>ARZ</b> documentation
		14 documentation
		0 documentation
enumeration	128	<b>AVE</b> documentation
		<b>RENFE SNCF EN COOPERATION</b> documentation
		<b>RENFE SNCF</b> documentation
		8 documentation
		0 documentation
enumeration	129	<b>TGV</b> documentation
		<b>RENFE SNCF EN COOPERATION</b> documentation
		<b>RENFE SNCF</b> documentation
		8 documentation
		0 documentation
enumeration	130	<b>BUS</b> documentation
		<b>IC Bus</b>

		documentation Bus documentation 32 documentation 0
enumeration	131	documentation BUS documentation IC Bus international documentation Bus documentation 32 documentation 0
enumeration	153	documentation
		documentation special train documentation Sonderzug documentation 9 documentation 0
enumeration	154	documentation
		documentation
		documentation InterCityRapid documentation 9 documentation 0
enumeration	155	documentation
		documentation
		documentation InterPici documentation 9 documentation 0
enumeration	157	documentation
		documentation
		documentation Fast train documentation 9 documentation 0
enumeration	158	documentation
		documentation
		documentation

		Euregio documentation 11 documentation 0 documentation
enumeration	159	documentation Bus documentation IC Ersatzbus documentation 32 documentation 0 documentation
enumeration	160	documentation Bus documentation IP Ersatzbus documentation 32 documentation 0 documentation
enumeration	162	documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation
enumeration	163	documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation
enumeration	166	documentation TGV documentation TGV INOUI documentation TGV Duplex France Allemagne documentation 8 documentation 2 documentation
enumeration	170	documentation YHT documentation YHT documentation High speed train in Turkey documentation 8

		documentation 0
enumeration	171	documentation FA documentation FRECCIARGENTO documentation FRECCIARGENTO documentation 8
enumeration	172	documentation 0 documentation FR documentation FRECCIAROSSA documentation FRECCIAROSSA documentation 8
enumeration	173	documentation 0 documentation AP documentation Albula Panoramawagen documentation Albula Panoramawagen documentation 10
enumeration	174	documentation 0 documentation BEX documentation Bernina Express documentation Bernina Express (Panorama Train) documentation 10
enumeration	175	documentation 0 documentation GEX documentation Glacier Express documentation Glacier Express (Panorama Train) documentation 10
enumeration	176	documentation 0 documentation GP documentation Golden Pass documentation Golden Pass (Panorama Train) documentation 10
enumeration	177	documentation 0 documentation BNI

		documentation Bernina Panorama documentation Bernina Panorama documentation 11 documentation 0 documentation zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation 10 documentation 0
enumeration	178	documentation zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation 10 documentation 0
enumeration	179	documentation BxB documentation Bernina Express Bus documentation Bernina Express (Panorama Bus) documentation ";E1;" documentation 0
enumeration	200	documentation GGB documentation Gornergrat Bahn documentation Mountain train documentation ";E1;" documentation 0
enumeration	202	documentation ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation 8 documentation 0
enumeration	203	documentation documentation documentation documentation documentation 13 documentation 0
enumeration	205	documentation ÖBB-NIGHTLINE documentation ÖBB Night Line documentation 13 documentation 0 documentation ICP documentation Intercity Plus documentation



	enumeration	206	Intercity Plus documentation ";E1;" documentation 0 documentation RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0
	enumeration	207	documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0
	enumeration	209	documentation RJ documentation R A I L JET documentation Rail Jet documentation 9 documentation 0
	enumeration	213	documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0
	enumeration	214	documentation
	enumeration	215	documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0 documentation
			documentation Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13

		documentation 0
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		documentation PRECIOS MERCADO
		documentation Precios Mercado
		documentation 9
		documentation 0
enumeration	219	documentation TGV
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		documentation 8
		documentation 0
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		documentation FB
		documentation FernBus
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		documentation 0
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		documentation Intercitybus
		documentation ÖBB-Intercitybus
		documentation 32
		documentation 0
enumeration	225	documentation TLK
		documentation TLK train
		documentation Yours Rail Lines
		documentation 10
		documentation 0
enumeration	226	documentation A
		documentation RailBus
		documentation RailBus
		documentation 32
		documentation 0
enumeration	227	documentation

			BUS documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32 documentation 0 documentation IR documentation InterREGIO train documentation InterREGIO train documentation 10 documentation 0
enumeration	228		
enumeration	229		documentation IRB documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32 documentation 0
enumeration	230		documentation MP documentation Fast International Train documentation Fast International Train documentation 10 documentation 0
enumeration	231		documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11 documentation 0
enumeration	232		documentation Os documentation Stopping Train documentation Stopping Train documentation 11 documentation 0
enumeration	233		documentation P documentation Fast Train documentation

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

	enumeration	240	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
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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

	<p>enumeration 254</p> <p>enumeration 255</p> <p>enumeration 256</p> <p>enumeration 257</p> <p>enumeration 258</p> <p>enumeration 259</p>	<p>0 documentation LK documentation FRECCIALINK documentation FRECCIALINK documentation ";E1;" documentation 0 documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation ";E1;" documentation 0 documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation ";E1;" documentation 0 documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation ";E1;" documentation 0 documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0 documentation HSW documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0</p>
<p>source</p>	<pre>&lt;xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/&gt;</pre>	





element **PlannedTrainTechnicalData**

diagram

**PlannedTrainTechnicalData**  
Shows the relevant technical data for a running train

- TrainWeight**  
The sum of all weights of wagons and traction...
- 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 wagon/comboes 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...
- TractionDetails**  
1..2  
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
- HighestPlannedSpe...**  
It may inform the BA (Responsible Applicant) on the speed which was the base for path construction
- PlannedSpe...**  
It may inform the BA on the speed which was the base for path construction
- Coasting**  
It 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 reach the calculated time of the next location r...
- MaxAxleWeig...**  
Indicates the maximum design axle weight (t).
- RouteClass**  
Indication of the route class (based on CEN EN 15228: line category for managing the interface between load limits of vehicles on infrastr...
- BrakeType**  
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 = R: an indication that brake system of the freight wagon out of order (actually / correct). Additionally, it cannot be used in Planning.  
3 = R: subdivision brake position of brake mode "R" for rapid (express) services with high brake performance.  
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+H: brake position P with additional brake-electro-dynamic brake  
7 = D+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+HB: brake position R with additional brake-eddy current brake (Deman: Wägelchenbremse)  
13 = R+E+Mg: brake position R with additional brake-electro-dynamic brake and magnetic track brake  
14 = R+HB: brake position R with additional brake-electro-dynamic brake and eddy current brake
- 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).
- MinBrakedWeightPerce...**  
Minimum percentage of braking claimed by DM for safety reasons.
- BrakeWeight**  
Shows the braked mass of the wagon according to the type of the braking system, in Tonne.
- TrainCC\_System**  
0..2  
Identifies the command control system of the train in radio values
- TrainRadioSystem**  
The on board radio system of the train in coded format
- TiltingFunction**  
Indicates if a train uses a tilting system
- OperationalTrainCouplingStrength**  
OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating
- BogieWagonsO...**  
Indicates that the train consists of bogie wagons only or not. "Yes" / "No" means always all wagons of the train are bogie wagons. Then content of element is "yes"/"no" or element isn't used means the train contains of different wagons (not homogeneous only with bo...

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TrainWeight</a> <a href="#">TrainLength</a> <a href="#">WeightOfSetOfCarriages</a> <a href="#">LengthOfSetOfCarriages</a> <a href="#">TractionDetails</a> <a href="#">TrainMaxSpeed</a> <a href="#">HighestPlannedSpeed</a> <a href="#">PlannedSpeed</a> <a href="#">Coasting</a> <a href="#">MaxAxleWeight</a> <a href="#">RouteClass</a> <a href="#">BrakeType</a> <a href="#">EmergencyBrakeOverride</a> <a href="#">BrakingRatio</a> <a href="#">MinBrakedWeightPercent</a> <a href="#">BrakeWeight</a> <a href="#">TrainCC_System</a> <a href="#">TrainRadioSystem</a> <a href="#">TiltingFunction</a> <a href="#">OperationalTrainCouplingStrength</a> <a href="#">BogieWagonsOnly</a>
used by	element <a href="#">PlannedTrainData</a>
annotation	documentation Shows the relevant technical data for a running train
source	<pre> &lt;xs:element name="PlannedTrainTechnicalData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shows the relevant technical data for a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainWeight"/&gt;       &lt;xs:element ref="TrainLength"/&gt;       &lt;xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/&gt;       &lt;xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/&gt;       &lt;xs:element ref="TractionDetails" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="TrainMaxSpeed"/&gt;       &lt;xs:element ref="HighestPlannedSpeed" minOccurs="0"/&gt;       &lt;xs:element ref="PlannedSpeed" minOccurs="0"/&gt;       &lt;xs:element ref="Coasting" minOccurs="0"/&gt;       &lt;xs:element ref="MaxAxleWeight" minOccurs="0"/&gt;       &lt;xs:element ref="RouteClass" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicels on infrastructure).&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="BrakeType" minOccurs="0"/&gt;       &lt;xs:element ref="EmergencyBrakeOverride" minOccurs="0"/&gt;       &lt;xs:element ref="BrakingRatio" minOccurs="0"/&gt;       &lt;xs:element ref="MinBrakedWeightPercent" minOccurs="0"/&gt;       &lt;xs:element ref="BrakeWeight" minOccurs="0"/&gt;       &lt;xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="TrainRadioSystem" minOccurs="0"/&gt;       &lt;xs:element ref="TiltingFunction" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Indicates if a train uses a tilting system&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/&gt;       &lt;xs:element ref="BogieWagonsOnly" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **PlannedTransportIdentifiers**

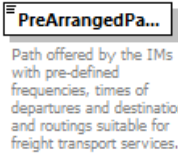
<p>diagram</p>	
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>type</p>	<p><a href="#">CompositIdentifierPlannedType</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>elements <a href="#">ErrorMessage</a> <a href="#">Identifiers</a></p>
<p>source</p>	<pre>&lt;xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/&gt;</pre>

element **PostalCode**

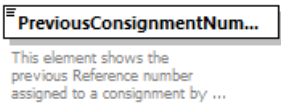
<p>diagram</p>										
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>									
<p>type</p>	<p>restriction of <b>xs:string</b></p>									
<p>properties</p>	<p>content simple</p>									
<p>facets</p>	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
<p>annotation</p>	<p>documentation The postal code for the postal address</p>									
<p>source</p>	<pre>&lt;xs:element name="PostalCode"&gt;   &lt;xs:annotation&gt;</pre>									

	<pre> &lt;xs:documentation&gt;The postal code for the postal address&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="10"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **PreArrangedPath**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">PlannedJourneyLocation</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.									
source	<pre> &lt;xs:element name="PreArrangedPath"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **PreviousConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">ConsignmentIdent</a>

properties	content complex
used by	element <a href="#">WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation This element shows the previous Reference number assigned to a consignment by a lead RU
source	<pre>&lt;xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows the previous Reference number assigned to a consignment by a lead RU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **PreviousResponsibleRU**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">WIMO Dataset/ConsignmentLevelData</a>												
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>&lt;xs:element name="PreviousResponsibleRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

### element **PrimaryLocationName**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<a href="#">FreeText</a>						
properties	content simple						
used by	complexType <a href="#">LocationIdent</a>						
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 255
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre>&lt;xs:element name="PrimaryLocationName" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Location Name in an offication language of the Country using the ISO Unicode alphabet&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ProductionStation**

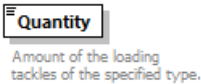
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">RP_Code</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint</a>
annotation	documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station
source	<pre>&lt;xs:element name="ProductionStation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of production station serving the point, this element is used if the productional station differs from the commercial station&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="RP_Code" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **PushPullTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple

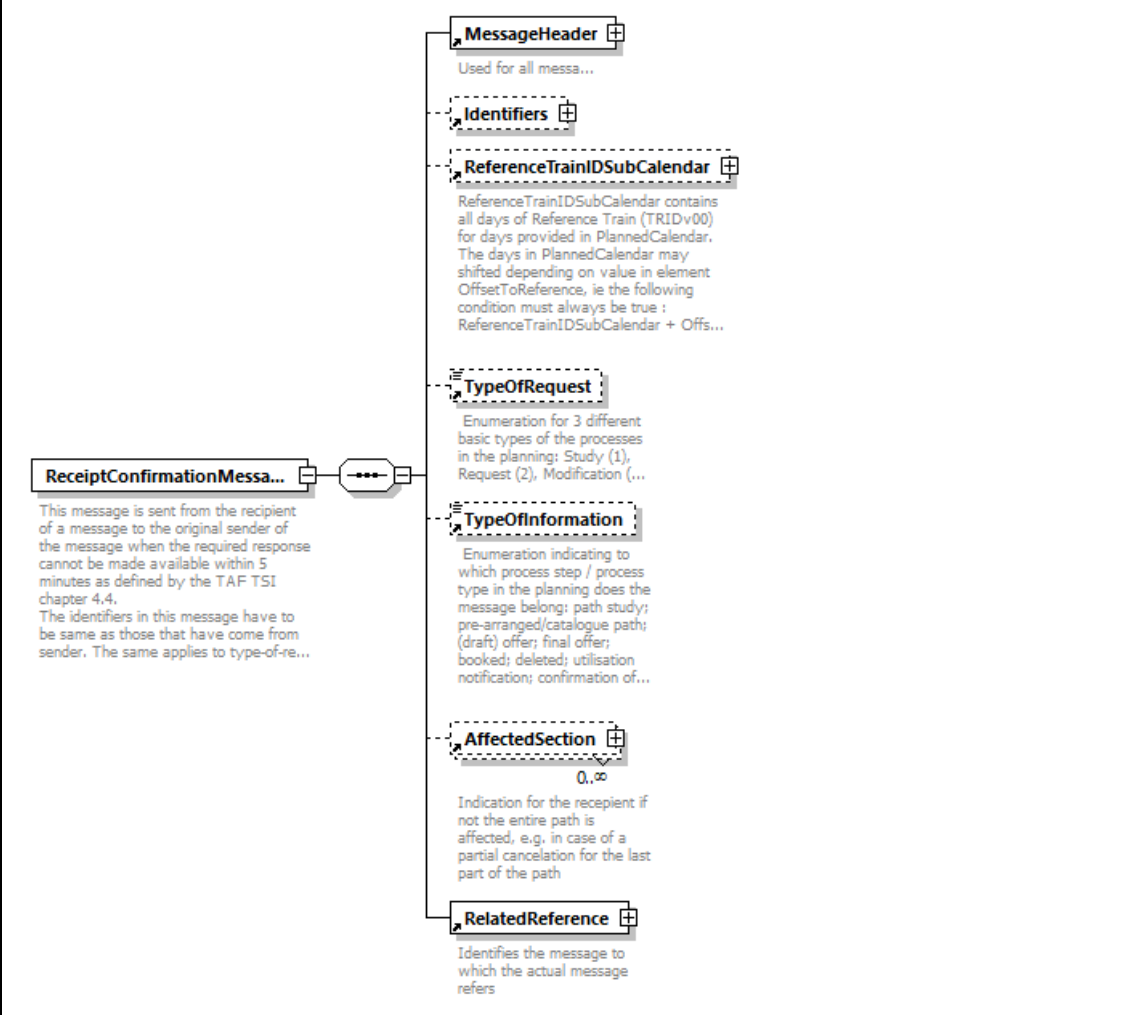
used by	element <a href="#">PlannedTrainData</a>
annotation	documentation Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.
source	<pre>&lt;xs:element name="PushPullTrain" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Quantity**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles</a>									
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>&lt;xs:element name="Quantity"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Amount of the loading tackles of the specified type.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									



element **ReceiptConfirmationMessage**

<p>diagram</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-re...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">Identifiers</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">TypeOfRequest</a> <a href="#">TypeOfInformation</a> <a href="#">AffectedSection</a> <a href="#">RelatedReference</a></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>
<p>source</p>	<pre>&lt;xs:element name="ReceiptConfirmationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="Identifiers" minOccurs="0"/&gt;       &lt;xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;xs:element                                ref="TypeOfRequest"                minOccurs="0"/&gt; &lt;xs:element                                ref="TypeOfInformation"            minOccurs="0"/&gt; &lt;xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;xs:element                                ref="RelatedReference"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	---

element **Recipient**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2					
type	extension of <a href="#">CompanyCode</a>					
properties	content complex					
used by	element <a href="#">MessageHeader</a>					
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation
	<a href="#">CI_InstanceNumber</a>	<a href="#">Numeric2-2</a>				documentation Number of a Common Interface Instance for the same Company
annotation	documentation Receiver of the message					
source	<pre> &lt;xs:element                                name="Recipient"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Receiver of the message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension         base="CompanyCode"         ref="CI_InstanceNumber"/&gt;       &lt;/xs:extension&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>					

element **ReferencedLocationDateTime**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">DelayEventReport</a> <a href="#">InterruptionPoint</a> <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>
annotation	documentation Reference to original planned Date and Time agreed by all involved IMs and RUs.
source	<pre>&lt;xs:element name="ReferencedLocationDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to original planned Date and Time agreed by all involved IMs and RUs. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ReferenceNumbers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MovementReferenceNumber</a> <a href="#">ARC</a>
used by	elements <a href="#">ITU Details</a> <a href="#">Wagons/WagonDetails</a>
annotation	documentation This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!
source	<pre>&lt;xs:element name="ReferenceNumbers"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence maxOccurs="99"&gt;       &lt;xs:element name="MovementReferenceNumber" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Movement Reference Number according to NCTS&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="MRN_Type"/&gt;             &lt;xs:element name="MRN_Number"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:minLength value="1"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:sequence&gt;           &lt;/xs:complexType&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt;</pre>

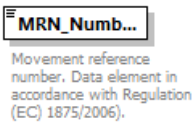
	<pre>                 &lt;xs:maxLength value="21"/&gt;             &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;     &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="ARC" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Administrative Reference CodeEMCS (Excise Movement and Control System)&lt;/xs:documentation&gt;         &lt;xs:documentation&gt;CODE: EU (EC) No 684/2009&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string" value="21"/&gt;         &lt;xs:length value="21"/&gt;     &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;             </pre>
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element **ReferenceNumbers/MovementReferenceNumber**


diagram	<p>The diagram shows a class <b>MovementReferenceNumber</b> (dashed box) with the description "Movement Reference Number according to NCTS". It is connected to two other classes: <b>MRN_Type</b> and <b>MRN_Number</b>. <b>MRN_Type</b> is described as "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, ...". <b>MRN_Number</b> is described as "Movement reference number. Data element in accordance with Regulation (EC) 1875/2006)".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<b>MRN_Type</b> <b>MRN_Number</b>
annotation	documentation Movement Reference Number according to NCTS
source	<pre> &lt;xs:element name="MovementReferenceNumber" minOccurs="0"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Movement Reference Number according to NCTS&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;             </pre>

	<pre> &lt;xs:sequence&gt;   &lt;xs:element     ref="MRN_Type"/&gt;   &lt;xs:element     name="MRN_Number"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction         base="xs:string"&gt;         &lt;xs:minLength           value="1"/&gt;         &lt;xs:maxLength           value="21"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **ReferenceNumbers/MovementReferenceNumber/MRN\_Number**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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> &lt;xs:element   name="MRN_Number"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;       &lt;xs:minLength         value="1"/&gt;       &lt;xs:maxLength         value="21"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>									

element **ReferenceNumbers/ARC**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 21
annotation	documentation Administrative Reference CodeEMCS (Excise Movement and Control System) documentation CODE: EU (EC) No 684/2009
source	<pre> &lt;xs:element name="ARC" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Administrative Reference CodeEMCS (Excise Movement and Control System)&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: EU (EC) No 684/2009&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string" value="21"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ReferenceOTN**

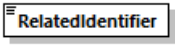
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">OperationalTrainNumberIdentifier</a>
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainAtLocation</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
source	<pre> &lt;xs:element name="ReferenceOTN"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **ReferenceTrainIDSubCalendar**

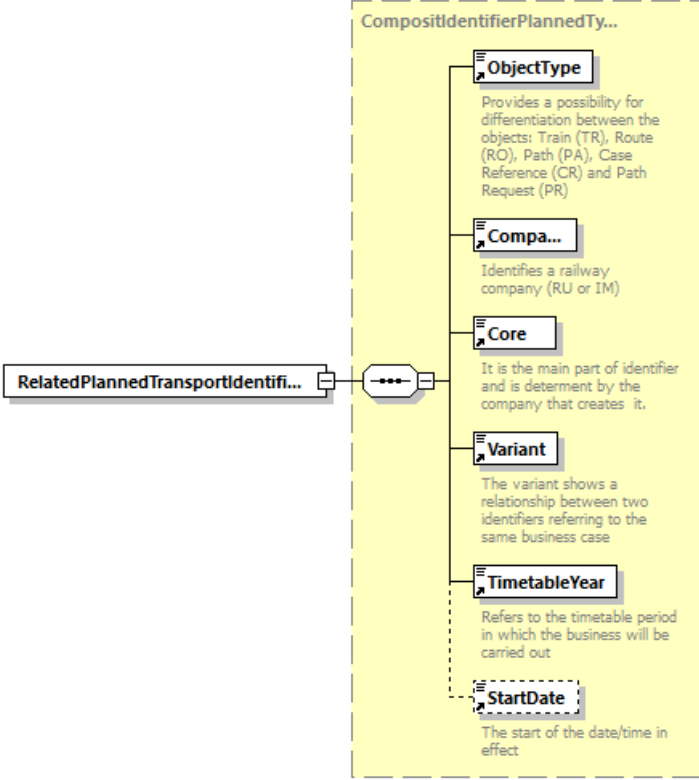
diagram	<p>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may be shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + Offs...</p> <p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">BitmapDays</a> <a href="#">ValidityPeriod</a>
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a>
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> &lt;xs:element name="ReferenceTrainIDSubCalendar"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BitmapDays" minOccurs="0"/&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

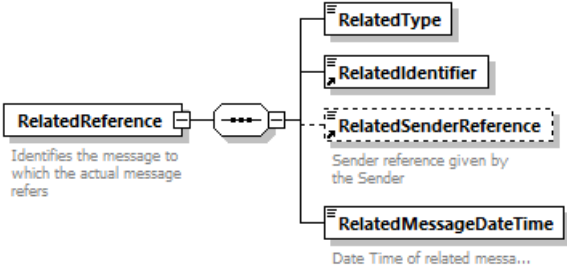
element **RelatedIdentifier**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">RelatedReference</a>									
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>&lt;xs:element name="RelatedIdentifier" type="FreeText"/&gt;</pre>									

element **RelatedPlannedTransportIdentifiers**

<p>diagram</p>	
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>type</p>	<p><a href="#">CompositIdentifierPlannedType</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>element <a href="#">Identifiers</a></p>
<p>source</p>	<pre>&lt;xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/&gt;</pre>


element **RelatedReference**

<p>diagram</p>	
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">RelatedType</a> <a href="#">RelatedIdentifier</a> <a href="#">RelatedSenderReference</a> <a href="#">RelatedMessageDateTime</a></p>
<p>used by</p>	<p>elements <a href="#">ReceiptConfirmationMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonDeviationMessage</a> <a href="#">WagonETI</a> <a href="#">ETA</a> <a href="#">Message</a></p>

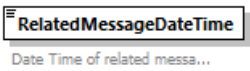


annotation	documentation Identifies the message to which the actual message refers
source	<pre> &lt;xs:element name="RelatedReference"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the message to which the actual message refers&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RelatedType" type="MessageCode"/&gt;       &lt;xs:element ref="RelatedIdentifier" ref="RelatedIdentifier"/&gt;       &lt;xs:element ref="RelatedSenderReference" minOccurs="0"/&gt;       &lt;xs:element name="RelatedMessageDateTime" type="xs:dateTime"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date Time of related message. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

#### element **RelatedReference/RelatedType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>MessageCode</b>									
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>&lt;xs:element name="RelatedType" type="MessageCode"/&gt;</pre>									

#### element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation Date Time of related message.
source	<pre> &lt;xs:element name="RelatedMessageDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date Time of related message. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **RelatedSenderReference**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">RelatedReference</a>									
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> &lt;xs:element name="RelatedSenderReference" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Sender reference given by the Sender&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                     </pre>									

element **RelatedTransportOperationalIdentifiers**

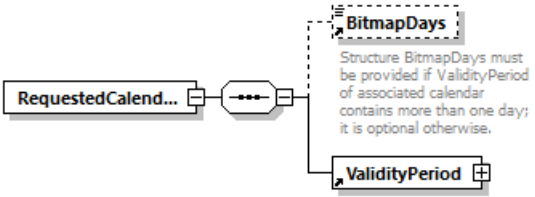
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">CompositIdentifierOperationalType</a>
properties	content complex

children	<a href="#">ObjectType Company Core Variant TimetableYear StartDate</a>
used by	element <a href="#">TrainOperationalIdentification</a>
source	<code>&lt;xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/&gt;</code>

**element Remarks**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	elements <a href="#">DelayCauseTime</a> <a href="#">InterruptionPoint</a> <a href="#">TrainJourneyModificationMessage</a>									
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	<code>&lt;xs:element name="Remarks" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Free Form Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</code>									

**element RequestedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">BitmapDays</a> <a href="#">ValidityPeriod</a>
used by	element <a href="#">PathInformation</a>
source	<code>&lt;xs:element name="RequestedCalendar"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="BitmapDays" minOccurs="0"/&gt;       &lt;xs:element ref="ValidityPeriod"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</code>

element **RequestedPeriod**

diagram	<p>The diagram shows a box labeled 'RequestedPeriod' with the text 'Date/Time period of a req...'. This box is connected to a sequence container (a rounded rectangle with a dashed line) which contains two elements: 'StartDateTime' (with the text 'The start of the date/time in effect') and 'EndDateTime' (with the text 'The end date/time in eff...').</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">StartDateTime</a> <a href="#">EndDateTime</a>
annotation	documentation Date/Time period of a request
source	<pre> &lt;xs:element name="RequestedPeriod"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date/Time period of a request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="StartDateTime"/&gt;       &lt;xs:element ref="EndDateTime"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **RequestedTimeframe**

diagram	<p>The diagram shows a box labeled 'RequestedTimeframe' with the text 'To specify a time period being requested'. This box is connected to a sequence container (a rounded rectangle with a dashed line) which contains two elements: 'StartDateTime' (with the text 'The start of the date/time in effect') and 'EndDateTime' (with the text 'The end date/time in eff...').</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">StartDateTime</a> <a href="#">EndDateTime</a>
annotation	documentation To specify a time period being requested
source	<pre> &lt;xs:element name="RequestedTimeframe"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;To specify a time period being requested&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="StartDateTime" minOccurs="0"/&gt;       &lt;xs:element ref="EndDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **ResponsibilityActualSection**

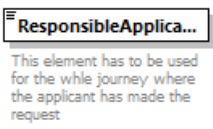
diagram	<p>The diagram shows a box for <b>ResponsibilityActualSection</b> with a note: "This element identifies the responsible RU or IM for the actual path section". This box is connected via a line with a dashed circle to two separate boxes, each labeled <b>Responsible...</b>. The top box is for <b>ResponsibleRU</b> with the text: "RU Responsible for the physical operation of the train or wagon". The bottom box is for <b>ResponsibleIM</b> with the text: "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 t..."</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">ResponsibleRU</a> <a href="#">ResponsibleIM</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation This element identifies the responsible RU or IM for the actual path section
source	<pre> &lt;xs:element name="ResponsibilityActualSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the responsible RU or IM for the actual path section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="ResponsibleRU"/&gt;       &lt;xs:element ref="ResponsibleIM"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **ResponsibilityNextSection**


diagram	<p>The diagram shows a box for <b>ResponsibilityNextSection</b> with a note: "This element identifies the responsible RU and IM for the following path section". This box is connected via a line with a dashed circle to two separate boxes, each labeled <b>Responsible...</b>. The top box is for <b>ResponsibleRU</b> with the text: "RU Responsible for the physical operation of the train or wagon". The bottom box is for <b>ResponsibleIM</b> with the text: "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 t..."</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex

children	<a href="#">ResponsibleRU</a> <a href="#">ResponsibleIM</a>
used by	element <a href="#">JourneySection</a>
annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<pre> &lt;xs:element name="ResponsibilityNextSection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the responsible RU and IM for the following path section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="ResponsibleRU"/&gt;       &lt;xs:element ref="ResponsibleIM"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

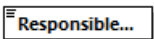
element **ResponsibleApplicant**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <a href="#">CompanyCode</a>												
properties	content simple												
used by	element <a href="#">PlannedJourneyLocation</a>												
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> &lt;xs:element name="ResponsibleApplicant"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element has to be used for the whole journey where the applicant has made the request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="CompanyCode"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

element **ResponsibleIM**

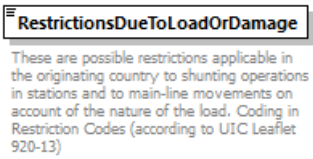
diagram	 <p>IM Responsible for Reporting. For Path Requests, this element has to be used</p> <ul style="list-style-type: none"> <li>- in the first journey location (origin of train)</li> <li>- in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for t...</li> </ul>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">LocationPrimaryInformation</a> <a href="#">PlannedJourneyLocation</a> <a href="#">ResponsibilityActualSection</a> <a href="#">ResponsibilityNextSection</a>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<p>documentation</p> <p>IM Responsible for Reporting. For Path Requests, this element has to be used</p> <ul style="list-style-type: none"> <li>- in the first journey location (origin of train)</li> <li>- 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.</li> </ul>												
source	<pre>&lt;xs:element name="ResponsibleIM" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **ResponsibleRU**

diagram	 <p>RU Responsible for the physical operation of the train or wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">CompanyCode</a>
properties	content simple
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ExceptionPoint</a> <a href="#">PlannedJourneyLocation</a> <a href="#">ResponsibilityActualSection</a> <a href="#">ResponsibilityNextSection</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a>

	<a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>		
facets	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>&lt;xs:element name="ResponsibleRU" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;RU Responsible for the physical operation of the train or wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>		

element **RestrictionsDueToLoadOrDamage**

diagram	 <p>RestrictionsDueToLoadOrDamage</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>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>RestrictionCodes</b>		
properties	content	simple	
used by	element	<a href="#">WagonOperationalData</a>	
facets	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	



	<p>enumeration 50</p> <p>enumeration 52</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 71</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 94</p> <p>enumeration 99</p>
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>&lt;xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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)     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RevisedRequest**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PathDetailsRefusedMessage</a>
annotation	<p>documentation</p> <p>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</p>
source	<pre>&lt;xs:element name="RevisedRequest" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RID**

<p>diagram</p> <p>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</p>	<p><b>Law</b> The law after which the RID data are declared.</p> <p><b>DangerousGoodsIndicati...</b> Identifies dangerous go...</p> <p><b>TechnicalDescription</b> 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, c...</p> <p><b>ProperShippingNa...</b> 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 &amp;lt;=1000L", "EMPTY IBC" ...</p> <p><b>SpecialProvisionsRID</b> Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p> <p><b>AdditionalProvisionsRID</b> Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p> <p><b>ActionRequiredFromCarrier</b> Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> <p><b>WeightNettoExplosiveM...</b> 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><b>ClassificationCode</b> 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><b>EmptyPackingCo...</b> Code of empty packing as described in RID 5.4.1.1....</p>
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Law</a> <a href="#">DangerousGoodsIndication</a> <a href="#">TechnicalDescription</a> <a href="#">ProperShippingName</a> <a href="#">SpecialProvisionsRID</a> <a href="#">AdditionalProvisionsRID</a> <a href="#">ActionRequiredFromCarrier</a> <a href="#">WeightNettoExplosiveMass</a> <a href="#">ClassificationCode</a> <a href="#">EmptyPackingCode</a></p>
<p>used by</p>	<p>element <a href="#">Goods</a></p>
<p>annotation</p>	<p>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</p>

source	<pre> &lt;xs:element name="RID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations.In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order tpo provide all information used for RUs&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Law"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:enumeration value="2013"/&gt;             &lt;xs:enumeration value="2015"/&gt;             &lt;xs:enumeration value="2017"/&gt;             &lt;xs:enumeration value="2019"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DangerousGoodsIndication"/&gt;       &lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="ProperShippingName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="350"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SpecialProvisionsRID" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Used for any global special provisions of chapter </pre>
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	<pre> 5.4, that are not treated by other elements in this message&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="350"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="AdditionalProvisionsRID" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ActionRequiredFromCarrier" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special action required by the carrier according to chapter 5.4.1.2.5.2 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="WeightNettoExplosiveMass" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:fractionDigits value="1"/&gt;       &lt;xs:totalDigits value="8"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ClassificationCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt; </pre>
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	<pre> &lt;xs:maxLength value="4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;present only with class 1&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:maxLength&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="EmptyPackingCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of empty packing as described in RID 5.4.1.1.6.2&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="01"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY PACKAGING&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="02"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY CONTAINER&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="03"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY IBC&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="04"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY LARGE PACKAGING&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="05"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY TANK-VEHICLE&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="06"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY TANK-WAGON&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="07"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY DETACHABLE TANK&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="08"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;EMPTY DEMOUNTABLE TANK&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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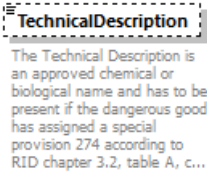
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element **RID/Law**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:int</b>															
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>&lt;xs:element name="Law"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The law after which the RID data are declared.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:enumeration value="2013"/&gt;       &lt;xs:enumeration value="2015"/&gt;       &lt;xs:enumeration value="2017"/&gt;       &lt;xs:enumeration value="2019"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>															

element **RID/TechnicalDescription**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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									


	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> &lt;xs:element name="TechnicalDescription" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

### element RID/ProperShippingName

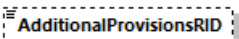
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</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 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"									
source	<pre> &lt;xs:element name="ProperShippingName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									



element **RID/SpecialProvisionsRID**

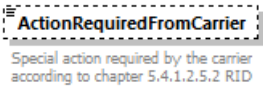
diagram	 <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message
source	<pre>&lt;xs:element name="SpecialProvisionsRID" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       value="1"/&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="350"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RID/AdditionalProvisionsRID**

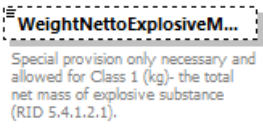
diagram	 <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 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>&lt;xs:element name="AdditionalProvisionsRID" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;</pre>

	<pre> &lt;xs:restriction   &lt;xs:minLength   &lt;xs:maxLength &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> base="xs:string"&gt;   value="1"/&gt;   value="350"/&gt; </pre>
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### element **RID/ActionRequiredFromCarrier**

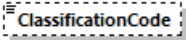
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <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 Special action required by the carrier according to chapter 5.4.1.2.5.2 RID										
source	<pre> &lt;xs:element   name="ActionRequiredFromCarrier"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special action required by the carrier according to chapter                     5.4.1.2.5.2                     RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"&gt;       &lt;xs:minLength       &lt;xs:maxLength       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>										

### element **RID/WeightNettoExplosiveMass**

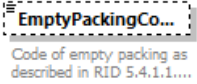
diagram														
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2													
type	restriction of <b>xs:decimal</b>													
properties	minOcc 0 maxOcc 1 content simple													
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <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> &lt;xs:element name="WeightNettoExplosiveMass" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:fractionDigits value="1"/&gt;       &lt;xs:totalDigits value="8"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **RID/ClassificationCode**

diagram	 <p>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
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Kind	Value	Annotation								
minLength	1									
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annotation	documentation The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes. documentation CODE: OTIF RID-Specification									
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element **RID/EmptyPackingCode**

diagram																																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																									
type	restriction of <b>xs:string</b>																																																									
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> <tr><td>enumeration</td><td>08</td><td>documentation EMPTY DEMOUNTABLE TANK</td></tr> <tr><td>enumeration</td><td>09</td><td>documentation EMPTY TANK-CONTAINER</td></tr> <tr><td>enumeration</td><td>10</td><td>documentation EMPTY PORTABLE TANK</td></tr> <tr><td>enumeration</td><td>11</td><td>documentation EMPTY BATTERY-VEHICLE</td></tr> <tr><td>enumeration</td><td>12</td><td>documentation EMPTY BATTERY-WAGON</td></tr> <tr><td>enumeration</td><td>13</td><td>documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</td></tr> <tr><td>enumeration</td><td>14</td><td>documentation EMPTY VEHICLE</td></tr> <tr><td>enumeration</td><td>15</td><td>documentation EMPTY WAGON</td></tr> <tr><td>enumeration</td><td>16</td><td>documentation EMPTY RECEPTACLE le 1000L</td></tr> <tr><td>enumeration</td><td>17</td><td>documentation EMPTY RECEPTACLE gt 1000L</td></tr> <tr><td>enumeration</td><td>18</td><td>documentation EMPTY</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	enumeration	08	documentation EMPTY DEMOUNTABLE TANK	enumeration	09	documentation EMPTY TANK-CONTAINER	enumeration	10	documentation EMPTY PORTABLE TANK	enumeration	11	documentation EMPTY BATTERY-VEHICLE	enumeration	12	documentation EMPTY BATTERY-WAGON	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS	enumeration	14	documentation EMPTY VEHICLE	enumeration	15	documentation EMPTY WAGON	enumeration	16	documentation EMPTY RECEPTACLE le 1000L	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L	enumeration	18	documentation EMPTY
Kind	Value	Annotation																																																								
enumeration	01	documentation EMPTY PACKAGING																																																								
enumeration	02	documentation EMPTY CONTAINER																																																								
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enumeration	04	documentation EMPTY LARGE PACKAGING																																																								
enumeration	05	documentation EMPTY TANK-VEHICLE																																																								
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enumeration	12	documentation EMPTY BATTERY-WAGON																																																								
enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS																																																								
enumeration	14	documentation EMPTY VEHICLE																																																								
enumeration	15	documentation EMPTY WAGON																																																								
enumeration	16	documentation EMPTY RECEPTACLE le 1000L																																																								
enumeration	17	documentation EMPTY RECEPTACLE gt 1000L																																																								
enumeration	18	documentation EMPTY																																																								
annotation	<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>&lt;xs:element name="EmptyPackingCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code of empty packing as described in RID     5.4.1.1.6.2&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE: OTIF RID-Specification, element EMPTY has been     added as 'dummy' until the code list has been finished and approved.   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>																																																									

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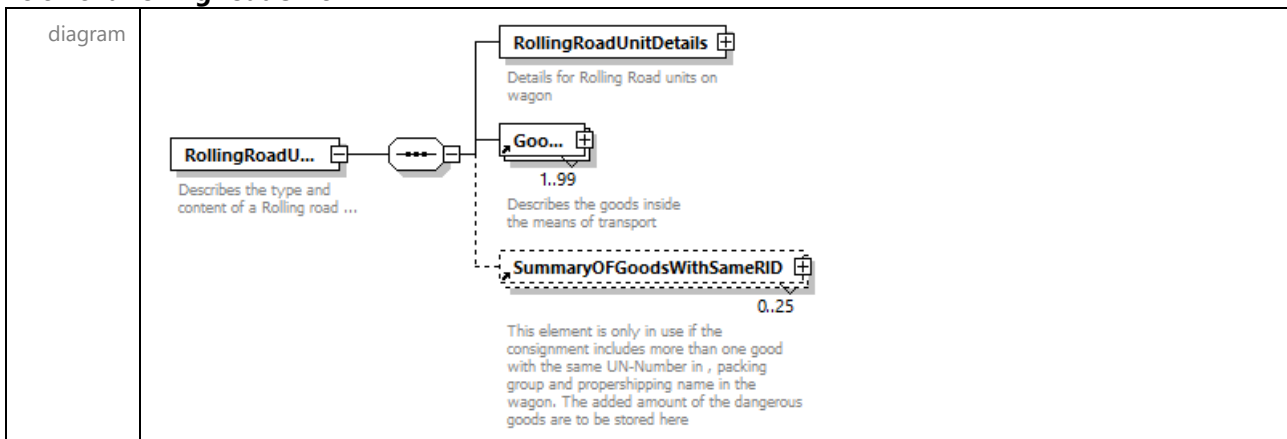
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element **RollingRoadUnit**



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properties	content complex
children	<a href="#">RollingRoadUnitDetails</a> <a href="#">Goods</a> <a href="#">SummaryOFGoodsWithSameRID</a>
used by	element <a href="#">Wagons</a>
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> &lt;xs:element name="RollingRoadUnit"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the type and content of a Rolling road unit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RollingRoadUnitDetails"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Details for Rolling Road units on wagon&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="LoadingStatus"/&gt;             &lt;xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Type of Rolling Road unit on Wagon&lt;/xs:documentation&gt;                 &lt;xs:documentation&gt;CODE:&lt;/xs:documentation&gt;                 &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;                 &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;                 &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (with the agreement of the consignor)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:minLength value="1"/&gt;                   &lt;xs:maxLength value="3"/&gt;                   &lt;xs:enumeration value="HGZ"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;articulated lorry&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="SAL"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;semi-trailer&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="MW"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;motor vehicle&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                   &lt;/xs:enumeration&gt;                   &lt;xs:enumeration value="ANH"&gt;                     &lt;xs:annotation&gt;                       &lt;xs:documentation&gt;trailer&lt;/xs:documentation&gt;                     &lt;/xs:annotation&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:sequence&gt;           &lt;/xs:complexType&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt; </pre>

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element **RollingRoadUnit/RollingRoadUnitDetails**

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```

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

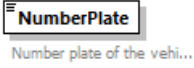
diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																					
type	restriction of <b>xs:string</b>																					
properties	minOcc 0 maxOcc 1 content simple default HGZ																					
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</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> &lt;xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of Rolling Road unit on Wagon&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;CODE:&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="3"/&gt;       &lt;xs:enumeration value="HGZ"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;articulated lorry&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="SAL"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;semi-trailer&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="MW"&gt;     </pre>																					

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;motor vehicle&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="ANH"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;trailer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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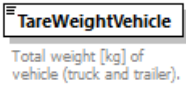
element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 2 content complex
children	<a href="#">NumberPlate</a> <a href="#">CountryCodeISO</a>
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	<pre> &lt;xs:element name="Vehicles" minOccurs="0" maxOccurs="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;List of vehicles loaded (i.e. truck and trailer).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NumberPlate"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number plate of the vehicle.&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;           &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (with the agreement of the consignor)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="10"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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	<p>documentation Number plate of the vehicle.</p> <p>documentation READ: &lt;br/&gt; - Consignee</p> <p>documentation WRITE: &lt;br/&gt; - Consignor</p> <p>documentation AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)</p>									
source	<pre>&lt;xs:element name="NumberPlate"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number plate of the vehicle.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier&lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="10"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<b>WeightValueKilo</b>												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	<p>documentation Total weight [kg] of vehicle (truck and trailer).</p>												
source	<pre>&lt;xs:element name="TareWeightVehicle" type="WeightValueKilo"&gt;</pre>												

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Total weight [kg] of vehicle (truck and trailer).&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>
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element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">Name</a> <a href="#">CountryCodeISO</a>
annotation	documentation Information concerning the haulier.
source	<pre> &lt;xs:element name="Haulier" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information concerning the haulier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Name"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of haulier.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 2 content complex
children	<a href="#">LastName</a> <a href="#">FirstName</a>
annotation	documentation Attendants during the transport.
source	<pre> &lt;xs:element name="Attendants" minOccurs="0" maxOccurs="2"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Last name of attenda...         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Optional first name of the attendant.         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>



```

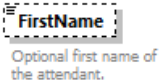
<xs:annotation>
  <xs:documentation>Attendants during the transport.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LastName">
      <xs:annotation>
        <xs:documentation>Last name of attendant.</xs:documentation>
        <xs:documentation>READ: <br/> - Consignee</xs:documentation>
        <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
        Successive carrier <br/> (With the agreement of the
        consignor)</xs:documentation>
      </xs:annotation>
      <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>
  
```

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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> &lt;xs:element name="LastName"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Last name of attendant.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="25"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

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

diagram	 <p>Optional first name of the attendant.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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> &lt;xs:element name="FirstName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Optional first name of the attendant.&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;READ: &lt;br/&gt; - Consignee&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;WRITE: &lt;br/&gt; - Consignor&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;AMEND: &lt;br/&gt; - Contractual carrier &lt;br/&gt; - Successive carrier &lt;br/&gt; (With the agreement of the consignor)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

	<code>&lt;xs:maxLength &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</code>	<code>value="15"/&gt;</code>
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element **RollingStockDataset**

diagram	<pre> classDiagram     class RollingStockDataset {         AdministrativeDataSet         DesignDataSet     }     </pre>	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">AdministrativeDataSet</a> <a href="#">DesignDataSet</a>	
used by	elements <a href="#">RollingStockDatasetMessage</a> <a href="#">WIMO Dataset</a>	
annotation	documentation Rolling Stock administrative and Technical Dataset	
source	<pre> &lt;xs:element name="RollingStockDataset"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolling Stock administrative and Technical Dataset&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="AdministrativeDataSet"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonNumberFreight"/&gt;             &lt;xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;For identification of a wagon after renumbering&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="RegistrationCountry" type="CountryIdentISO"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ISO country code of registration country&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="DatePutIntoService"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date of first operation&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;End date for restricted authorisation (special case)&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="SuspensionOfAuthorisation" type="xs:boolean"&gt;           </pre>	

<p>suspended</p> <p>must be provided in case of suspension</p> <p>Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</p> <p>is not TSI noise compliant</p> <p>as listed in VKM register (<a href="http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx">http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx</a>, column B - without special characters)</p> <p>of</p>	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Information if authorisation has been   by the authority&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of authorisation;     must be provided in case of suspension&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; ISO country code of countries where the     wagon is authorised (applies only in case of limited interoperability); first     entry indicates the initial authorisation country&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is allowed to pass the     Channel Tunnel - if the transport is planned between UK and France and should     use Eurotunnel infrastructure.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="KeeperShortNameVKM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Vehicle Keeper Marking of the wagon keeper     as listed in VKM register (<a href="http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx">http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx</a>,     column B - without special     characters)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ECM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Full name of the assigned Entity in Charge     Maintenance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="256"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="PlannedChangeOfECM" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt; </pre>
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	<pre> &lt;xs:element name="CurrentECMAssignedUntil" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Date until the current Entity in Charge of Maintenance is assigned to the wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="SubsequentECM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Full name of the following Entity in Charge of Maintenance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificate"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ECM certificate information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="EINNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="CountryCodeISO"/&gt;             &lt;xs:element name="TypeDocumentEIN" type="Numeric2- 2"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Code List Candidate: 31, 34&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/&gt;             &lt;xs:element name="EINYear" type="Numeric2-2"/&gt;             &lt;xs:element name="EINCounter"&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:integer"&gt;                   &lt;xs:minInclusive value="0"/&gt;                   &lt;xs:maxInclusive value="9999"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateValidFrom" type="xs:date"&gt; </pre>
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<p>date</p> <p>dangerous</p> <p>specialised in transport of dangerous goods</p> <p>been suspended for any reason</p> <p>certificate; must be provided in case of suspension</p> <p>interoperability capability of the wagon The following values/codes are proposed for the usage (defined in the InteropCapabilityCode):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">01</td> <td style="width: 40%;"></td> <td style="width: 10%; text-align: center;">=</td> <td style="width: 30%;"></td> <td style="width: 10%; text-align: right;">National</td> </tr> <tr> <td>02</td> <td>= Bi-/Multilateral (with agreement or authorisation</td> <td></td> <td></td> <td style="text-align: right;">grid)</td> </tr> <tr> <td>03</td> <td></td> <td style="text-align: center;">=</td> <td></td> <td style="text-align: right;">RIV</td> </tr> <tr> <td>05</td> <td></td> <td style="text-align: center;">=</td> <td></td> <td style="text-align: right;">TEN</td> </tr> <tr> <td>06</td> <td></td> <td style="text-align: center;">=</td> <td></td> <td style="text-align: right;">TEN-GE</td> </tr> <tr> <td>07</td> <td></td> <td style="text-align: center;">=</td> <td></td> <td style="text-align: right;">TEN-CW</td> </tr> </table>	01		=		National	02	= Bi-/Multilateral (with agreement or authorisation			grid)	03		=		RIV	05		=		TEN	06		=		TEN-GE	07		=		TEN-CW	<pre>                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Certificate valid from date&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="ECMCertificateValidTo" type="xs:date"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Certificate valid to date&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Certificate covers tank wagons for dangerous goods&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Certificate covers other wagons specialised in transport of dangerous goods&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="ECMCertificateSuspended" type="xs:boolean"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Identification if certificate has been suspended for any reason&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date of the suspension of the ECM certificate; must be provided in case of suspension&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;         &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="InteropCapability"&gt;     &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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     &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:element&gt;     </pre>
01		=		National																											
02	= Bi-/Multilateral (with agreement or authorisation			grid)																											
03		=		RIV																											
05		=		TEN																											
06		=		TEN-GE																											
07		=		TEN-CW																											

<p>08</p> <p>GCU</p> <p>UIC</p> <p>of the</p>	<pre> = TEN RIV&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="GCUWagon" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is operated under the contract&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="DesignDataSet"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="LetterMarking"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string" value="20"/&gt;         &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="TankCode" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string" value="20"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="WagonNumberOfAxles"/&gt;       &lt;xs:element name="WheelSetType" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Type name of the wheel sets, and the name of the type depends on the manufacturer.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string" value="256"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="WheelDiameter" minOccurs="0"/&gt;       &lt;xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element ref="WheelSetTransformationMethod" minOccurs="0"/&gt;       &lt;xs:element ref="NumberOfBogies" minOccurs="0"&gt;         &lt;xs:annotation&gt; </pre>
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<p>bogie</p> <p>pitches</p> <p>axles</p> <p>characteristics,</p> <p>kg</p> <p>wagon.</p> <p>When load tables are marked on the wagon the information must be provided in the</p> <p>Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times</p> <p>For special wagons with specific load tables (e.g. heavy haul wagons) no load table</p>	<pre>                 &lt;xs:documentation&gt;Number of bogies for a wagon (applies for                 wagons                 only)&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element             ref="BogiePitch"             minOccurs="0"/&gt;         &lt;xs:element             name="BogiePivotPitch"             type="Numeric1-5"             minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Largest distance between two adjacent bogie                 in                 mm&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element             name="InnerWheelbase"             type="Numeric1-5"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Maximum distance between two adjacent                 in                 mm&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element             ref="CouplingType"             minOccurs="0"/&gt;         &lt;xs:element             name="BufferType"             minOccurs="0"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt; 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)&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction                     base="xs:string"&gt;                     &lt;xs:maxLength                         value="256"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;xs:element             ref="NormalLoadingGauge"             minOccurs="0"/&gt;         &lt;xs:element             ref="MinCurveRadius"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt; Minimum allowed curve radius due to design                 characteristics,                 measured                 in                 meters&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element             ref="MinVerticalRadiusYardHump"             minOccurs="0"/&gt;         &lt;xs:element             ref="WagonWeightEmpty"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Weight of the empty wagon (tara weight) in                 kg&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;         &lt;xs:element             ref="LengthOverBuffers"/&gt;         &lt;xs:element             ref="MaxAxleWeight"/&gt;         &lt;xs:element             name="LoadTable"             minOccurs="0"             maxOccurs="unbounded"&gt;             &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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.             &lt;/xs:annotation&gt;         &lt;/xs:element&gt;     </pre>
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	<p>The complete load table must be provided including the empty load row (if existent).</p> <pre> &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="LoadTableProduct" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Product description, only applies for             product-specific load tables&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="ProductUNCode" type="Numeric4-4"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;UN code of product if product                   specific load table&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="ProductRIDName"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;RID product name as written on                   the folding panel&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:maxLength value="256"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="LoadTableCountry" type="CountryIdentISO"         minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;ISO country code of countries for             additional load tables&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SpeedCategory" type="Numeric1-5"         maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Numeric speed in load table, without             speed empty in km/h&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="LoadTableStars" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.           &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:documentation&gt; </pre>
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</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

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are      retrofitted      or      originally      equipped</xs:documentation>
      </xs:annotation>
      </xs:element>
      <xs:element      name="CompositeBrakeBlockInstallationDate"
type="xs:date"      minOccurs="0">
      <xs:annotation>
      <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
      </xs:annotation>
      </xs:element>
      </xs:sequence>
      </xs:complexType>
      </xs:element>
      <xs:element      name="WagonTelematics"      type="WagonTelematics"
minOccurs="0">
      <xs:annotation>
      <xs:documentation      xml:lang="en">Information about telematics
devices      mounted      on      the      wagon.</xs:documentation>
      </xs:annotation>
      </xs:element>
      <xs:element      ref="MaxLengthOfLoad"      minOccurs="0">
      <xs:annotation>
      <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
      </xs:annotation>
      </xs:element>
      <xs:element      ref="LoadArea"      minOccurs="0"/>
      <xs:element      name="HeightOfLoadingPlaneUnladen"      type="Numeric1-5"
minOccurs="0">
      <xs:annotation>
      <xs:documentation>Height of the loading plane when wagon is
empty      measured      in      mm</xs:documentation>
      </xs:annotation>
      </xs:element>
      <xs:element      name="RemovableAccessories"      minOccurs="0"
maxOccurs="unbounded">
      <xs:complexType>
      <xs:sequence>
      <xs:element      ref="TypeOfRemovableAccessories">
      <xs:annotation>
      <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-
13:
01      =      =      Removable      stanchion
02      =      Removable      side      flap      of      flat      wagon
03      =      Removable      end      flap      of      flat      wagon
04      =      =      Removable      side      rail
05      =      Removable      intermediate      upright      for      securing      the      load
06      =      =      =      Stanchion      chain
07      =      Removable      handle      and      wheel      for      winch      on      car-carrying      wagon
08      =      =      Swivelling      bolster      (with      stanchions)
09      =      =      Coupling      rod      (rigid      coupling)
10      =      =      =      Ice      bunker
11      =      =      =      Ice      bunker      screen
12      =      =      =      Ice      bunker      frame
13      =      Trestle      or      bar      with      hooks      for      hanging      meat
14      =      Movable      cross-member      of      wagon      with      low      loading      plane

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15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"
99 = Other wagon accessories
</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="NumberOfAccessorOfSpecType"
type="Numeric2-2">
<xs:annotation>
<xs:documentation>Number of specified accessory
equipped on the wagon</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LoadingCapacity" minOccurs="0"/>
<xs:element ref="MaxGrossWeight">
<xs:annotation>
<xs:documentation>Weight of max Gross Load Weight plus the
tare weight of the equipment in kg</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean"
minOccurs="0">
<xs:annotation>
<xs:documentation>Indication if tank wagon is equipped with a
vapour return system</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element ref="FerryPermittedFlag" minOccurs="0">
<xs:annotation>
<xs:documentation> Indication if wagon is permitted to be used
on ferries</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="FerryRampAngle" minOccurs="0">
<xs:annotation>
<xs:documentation>Maximum allowed angle of the ferry ramp (in
grades: °)</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:decimal">
<xs:totalDigits value="3"/>
<xs:fractionDigits value="2"/>

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	<pre> &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="TemperatureRange" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Temperature Range&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:element ref="MaxTemp"/&gt;       &lt;xs:element ref="MinTemp"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="TechnicalForwardingRestrictions" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Restrictions relevant to wagon operations in train formation, yards or in trains due to design characteristics. Type will be the RestrictionCode instead of ForwardingRestrictionType, according to 920-13: annotation will carry the information that only technical parameters are allowed to be used here. Only the code numbers should be in the annotation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="DateLastOverhaul"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the last overhaul, if yet no overhaul date of putting into service&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="OverhaulValidityPeriod"/&gt; &lt;xs:element ref="PermittedTolerance"/&gt; &lt;xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/&gt; &lt;xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the next tank inspection, applies only for tank wagons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **RollingStockDataset/AdministrativeDataSet**

<p>diagram</p>	<p><b>WagonNumberFreight</b> Identifies uniquely the freight wagon by its number.</p> <p><b>PreviousWagonNumberFreight</b> For identification of a wagon after renumbering</p> <p><b>RegistrationCountry</b> ISO country code of registration cou...</p> <p><b>DatePutIntoService</b> Date of first operat...</p> <p><b>AuthorisationValidUntil</b> End date for restricted authorisation (special case)</p> <p><b>SuspensionOfAuthorisation</b> Information if authorisation has been suspended by the authority</p> <p><b>DateSuspensionOfAuthorisation</b> Date of the suspension of authorisation; must be provided in case of suspension</p> <p><b>MultilateralAuthorisationCountries</b> 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><b>ChannelTunnelPermitted</b> Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastr...</p> <p><b>QuieterRoutesExemptionCountry</b> 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><b>KeeperShortNameVKM</b> Vehicle Keeper Marking of the wagon keeper as listed in VKM register (<a href="http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx">http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx</a>, column B - without special characters)</p> <p><b>ECM</b> Full name of the assigned Entity in Charge of Maintenance</p> <p><b>PlannedChangeOfECM</b></p> <p><b>ECMCertificate</b> ECM certificate informa...</p> <p><b>InteropCapability</b> 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><b>GCUWagon</b> Indication if wagon is operated under the GCU contract</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">WagonNumberFreight</a>    <a href="#">PreviousWagonNumberFreight</a>    <a href="#">RegistrationCountry</a>    <a href="#">DatePutIntoService</a>  <a href="#">AuthorisationValidUntil</a>    <a href="#">SuspensionOfAuthorisation</a>    <a href="#">DateSuspensionOfAuthorisation</a>  <a href="#">MultilateralAuthorisationCountries</a>    <a href="#">ChannelTunnelPermitted</a>    <a href="#">QuieterRoutesExemptionCountry</a>  <a href="#">KeeperShortNameVKM</a>    <a href="#">ECM</a>    <a href="#">PlannedChangeOfECM</a>    <a href="#">ECMCertificate</a>    <a href="#">InteropCapability</a>    <a href="#">GCUWagon</a></p>
<p>source</p>	<pre>&lt;xs:element name="AdministrativeDataSet"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"/&gt;     </pre>

	<pre>                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;For identification of a wagon after renumbering&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="RegistrationCountry" type="CountryIdentISO"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;ISO country code of registration country&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element ref="DatePutIntoService"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date of first operation&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;End date for restricted authorisation (special case)&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="SuspensionOfAuthorisation" type="xs:boolean"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Information if authorisation has been suspended by the authority&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Date of the suspension of authorisation; must be provided in case of suspension&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt; ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;             &lt;/xs:element&gt;             &lt;xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;                 &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;             </pre>
--	--

```

</xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (http://www.era.europa.eu/Document-
Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CurrentECMAssignedUntil" type="xs:date">
        <xs:annotation>
          <xs:documentation> Date until the current Entity in Charge of
Maintenance is assigned to the wagon</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SubsequentECM">
        <xs:annotation>
          <xs:documentation> Full name of the following Entity in Charge
of Maintenance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">
  <xs:annotation>
    <xs:documentation>ECM certificate information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="EINNumber">
        <xs:annotation>
          <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and its
full description and code lists.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

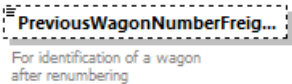
```



<p>31,</p>	<pre> &lt;xs:element ref="CountryCodeISO"/&gt; &lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code List Candidate:     34&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/&gt; &lt;xs:element name="EINYear" type="Numeric2-2"/&gt; &lt;xs:element name="EINCounter"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateValidFrom" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid from date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateValidTo" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid to date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers tank wagons for dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers other wagons specialised in transport of dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateSuspended" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification if certificate has been suspended for any reason&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of the ECM certificate; must be provided in case of suspension&lt;/xs:documentation&gt; </pre>
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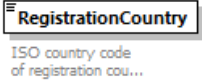
	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element ref="InteropCapability"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the general interoperability   capability of the wagon   The following values/codes 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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="GCUWagon" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is operated under the GCU   contract&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>WagonIdent</b>
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> &lt;xs:element name="PreviousWagonNumberFreight" type="WagonIdent"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;For identification of a wagon after   renumbering&lt;/xs:documentation&gt; </pre>

	<pre>&lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--	---


### element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">CountryIdentISO</a>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO country code of registration country									
source	<pre>&lt;xs:element name="RegistrationCountry" type="CountryIdentISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO country code of registration country&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

### element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<b>xs:date</b>						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
annotation	documentation End date for restricted authorisation (special case)						
source	<pre>&lt;xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;End date for restricted authorisation (special case)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>						

### element **RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Information if authorisation has been suspended by the authority
source	<pre>&lt;xs:element name="SuspensionOfAuthorisation" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information if authorisation has been suspended by the     authority&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of authorisation; must be provided in case of suspension
source	<pre>&lt;xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of authorisation; must be     provided in case of suspension&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>CountryIdentISO</b>
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>&lt;xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt; ISO country code of countries where the wagon is   authorised (applies only in case of limited interoperability); first entry   indicates the initial authorisation country&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>
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element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
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> &lt;xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is allowed to pass the Channel     Tunnel - if the transport is planned between UK and France and should use     Eurotunnel infrastructure.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>

element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

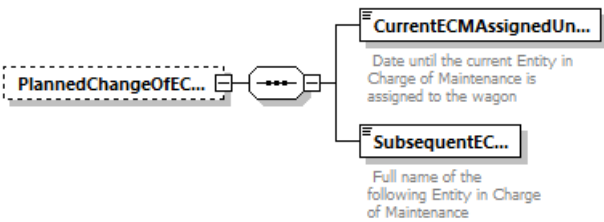
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>CountryIdentISO</b>
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant
source	<pre> &lt;xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO code of country where the wagon has an exemption in         </pre>

	<p>accordance with TSI Noise to run on quieter routes although it is not TSI compliant</p> <pre>&lt;/xs:annotation&gt; &lt;/xs:documentation&gt; &lt;/xs:element&gt;</pre>
--	--

element **RollingStockDataset/AdministrativeDataSet/ECM**

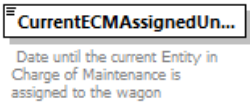
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table border="1"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the assigned Entity in Charge of Maintenance						
source	<pre>&lt;xs:element name="ECM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Full name of the assigned Entity in Charge of     Maintenance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

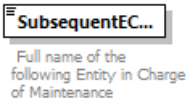
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
properties	<table border="1"> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						
children	<a href="#">CurrentECMAssignedUntil</a> <a href="#">SubsequentECM</a>						
source	<pre>&lt;xs:element name="PlannedChangeOfECM" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="CurrentECMAssignedUntil" type="xs:date"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; Date until the current Entity in Charge of           Maintenance is assigned to the wagon&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SubsequentECM" type="xs:string"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; Full name of the following Entity in Charge of           Maintenance&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>						

	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="SubsequentECM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Full name of the following Entity in Charge of Maintenance&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<pre> &lt;xs:element name="CurrentECMAssignedUntil" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Date until the current Entity in Charge of Maintenance is assigned to the wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Full name of the following Entity in Charge of Maintenance
source	<pre> &lt;xs:element name="SubsequentECM"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Full name of the following Entity in Charge of </pre>

	<pre> Maintenance&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction     &lt;xs:maxLength       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>	<pre> base="xs:string"&gt; value="256"/&gt; </pre>
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element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">EINNumber</a> <a href="#">ECMCertificateValidFrom</a> <a href="#">ECMCertificateValidTo</a> <a href="#">CoversTankWagonsForDangerousGoods</a> <a href="#">CoversNonTankWagonsForDangerousGoods</a> <a href="#">ECMCertificateSuspended</a> <a href="#">DateECMCertificateSuspended</a>	
annotation	documentation ECM certificate information	
source	<pre> &lt;xs:element   name="ECMCertificate"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ECM certificate information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element         name="EINNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;ECM certificate reference number           NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt; </pre>	



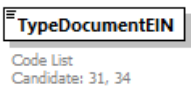
<p>31,</p>	<pre> &lt;xs:element ref="CountryCodeISO"/&gt; &lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code List Candidate: 34&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/&gt; &lt;xs:element name="EINYear" type="Numeric2-2"/&gt; &lt;xs:element name="EINCounter"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateValidFrom" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid from date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateValidTo" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid to date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers tank wagons for dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers other wagons specialised in transport of dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="ECMCertificateSuspended" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification if certificate has been suspended for any reason&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of the ECM certificate; must be provided in case of suspension&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
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	<pre> &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	---

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">TypeDocumentEIN</a> <a href="#">CounterAcreditedRecognizedBody</a> <a href="#">EINYear</a> <a href="#">EINCounter</a>
annotation	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.
source	<pre> &lt;xs:element name="EINNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ECM certificate reference number     NOTE: this is a placeholder! CR 335 by ERA is containing this element and its     full description and code lists.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="CountryCodeISO"/&gt;       &lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Code List Candidate:           31, 34&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/&gt;       &lt;xs:element name="EINYear" type="Numeric2-2"/&gt;       &lt;xs:element name="EINCounter"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:maxInclusive value="9999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**


diagram	 Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric2-2</a>									
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>&lt;xs:element name="TypeDocumentEIN" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code List Candidate:     31,   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element


**RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognized Body**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric2-2</a>									
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>&lt;xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/&gt;</pre>									

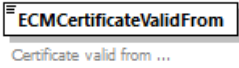
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric2-2</a>									
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>&lt;xs:element name="EINYear" type="Numeric2-2"/&gt;</pre>									

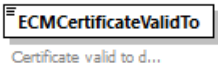
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
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> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9999									
source	<pre>&lt;xs:element name="EINCounter"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
annotation	documentation Certificate valid from date
source	<pre>&lt;xs:element name="ECMCertificateValidFrom" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid from date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
annotation	documentation Certificate valid to date
source	<pre>&lt;xs:element name="ECMCertificateValidTo" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate valid to date&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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


element

**RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods**


diagram	 <b>CoversTankWagonsForDangerou...</b> Certificate covers tank wagons for dangerous goods
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre>&lt;xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers tank wagons for dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element

**RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods**

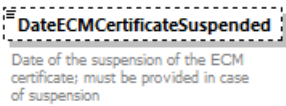
diagram	 <b>CoversNonTankWagonsForDange...</b> Certificate covers other wagons specialised in transport of dangerous goods
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre>&lt;xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Certificate covers other wagons specialised in transport of dangerous goods&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

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

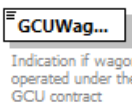
diagram	 <b>ECMCertificateSuspended</b> Identification if certificate has been suspended for any reason
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple

annotation	documentation Identification if certificate has been suspended for any reason
source	<pre>&lt;xs:element name="ECMCertificateSuspended" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification if certificate has been suspended for any reason&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>


#### element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

diagram	 <p><b>DateECMCertificateSuspended</b> Date of the suspension of the ECM certificate; must be provided in case of suspension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
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>&lt;xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the suspension of the ECM certificate; must be provided in case of suspension&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

#### element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

diagram	 <p><b>GCUWag...</b> Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract
source	<pre>&lt;xs:element name="GCUWagon" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if wagon is operated under the GCU contract&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">LetterMarking</a> <a href="#">TankCode</a> <a href="#">WagonNumberOfAxles</a> <a href="#">WheelSetType</a> <a href="#">WheelDiameter</a> <a href="#">WheelsetGauge</a> <a href="#">WheelSetTransformationMethod</a> <a href="#">NumberOfBogies</a> <a href="#">BogiePitch</a> <a href="#">BogiePivotPitch</a> <a href="#">InnerWheelbase</a> <a href="#">CouplingType</a> <a href="#">BufferType</a> <a href="#">NormalLoadingGauge</a> <a href="#">MinCurveRadius</a> <a href="#">MinVerticalRadiusYardHump</a> <a href="#">WagonWeightEmpty</a> <a href="#">LengthOverBuffers</a> <a href="#">MaxAxleWeight</a> <a href="#">LoadTable</a> <a href="#">MaxDesignSpeed</a> <a href="#">AirBrake</a> <a href="#">HandBrake</a> <a href="#">DerailmentDetectionDevice</a> <a href="#">BrakeBlock</a> <a href="#">WagonTelematics</a> <a href="#">MaxLengthOfLoad</a> <a href="#">LoadArea</a> <a href="#">HeightOfLoadingPlaneUnladen</a> <a href="#">RemovableAccessories</a> <a href="#">LoadingCapacity</a> <a href="#">MaxGrossWeight</a> <a href="#">VapourReturnSystem</a> <a href="#">FerryPermittedFlag</a> <a href="#">FerryRampAngle</a> <a href="#">TemperatureRange</a> <a href="#">TechnicalForwardingRestrictions</a> <a href="#">DateLastOverhaul</a> <a href="#">OverhaulValidityPeriod</a> <a href="#">PermittedTolerance</a> <a href="#">PlannedDateNextOverhaul</a> <a href="#">DateOfNextTankInspection</a></p>
<p>source</p>	<pre>&lt;xs:element name="DesignDataSet"&gt;   &lt;xs:complexType&gt;</pre>

<p>&lt;xs:sequence&gt;                  &lt;xs:element name="LetterMarking"&gt;                  &lt;xs:annotation&gt;                  &lt;xs:documentation&gt;Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2&lt;/xs:documentation&gt;                  &lt;/xs:annotation&gt;                  &lt;xs:simpleType&gt;                  &lt;xs:restriction base="xs:string" value="20"/&gt;                  &lt;/xs:restriction&gt;                  &lt;/xs:simpleType&gt;                  &lt;/xs:element&gt;                  &lt;xs:element name="TankCode" minOccurs="0"&gt;                  &lt;xs:annotation&gt;                  &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;                  &lt;/xs:annotation&gt;                  &lt;xs:simpleType&gt;                  &lt;xs:restriction base="xs:string" value="20"/&gt;                  &lt;/xs:restriction&gt;                  &lt;/xs:simpleType&gt;                  &lt;/xs:element&gt;                  &lt;xs:element ref="WagonNumberOfAxles"/&gt;                  &lt;xs:element name="WheelSetType" minOccurs="0"&gt;                  &lt;xs:annotation&gt;                  &lt;xs:documentation&gt;Type name of the wheel sets, and the name of the type depends on the manufacturer.&lt;/xs:documentation&gt;                  &lt;/xs:annotation&gt;                  &lt;xs:simpleType&gt;                  &lt;xs:restriction base="xs:string" value="256"/&gt;                  &lt;/xs:restriction&gt;                  &lt;/xs:simpleType&gt;                  &lt;/xs:element&gt;                  &lt;xs:element ref="WheelDiameter" minOccurs="0"/&gt;                  &lt;xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/&gt;                  &lt;xs:element ref="WheelSetTransformationMethod" minOccurs="0"/&gt;                  &lt;xs:element ref="NumberOfBogies" minOccurs="0"&gt;                  &lt;xs:annotation&gt;                  &lt;xs:documentation&gt;Number of bogies for a wagon (applies for bogie wagons only)&lt;/xs:documentation&gt;                  &lt;/xs:annotation&gt;                  &lt;/xs:element&gt;                  &lt;xs:element ref="BogiePitch" minOccurs="0"/&gt;                  &lt;xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"&gt;                  &lt;xs:annotation&gt;                  &lt;xs:documentation&gt;Largest distance between two adjacent bogie pitches in mm&lt;/xs:documentation&gt;                  &lt;/xs:annotation&gt;                  &lt;/xs:element&gt;                  &lt;xs:element name="InnerWheelbase" type="Numeric1-5"&gt;                  &lt;xs:annotation&gt;                  &lt;xs:documentation&gt;Maximum distance between two adjacent axles in mm&lt;/xs:documentation&gt;                  &lt;/xs:annotation&gt;</p>	<p>&lt;/xs:sequence&gt;</p>
--	-----------------------------



	<pre> &lt;/xs:element&gt; &lt;xs:element ref="CouplingType" minOccurs="0"/&gt; &lt;xs:element name="BufferType" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="NormalLoadingGauge" minOccurs="0"/&gt; &lt;xs:element ref="MinCurveRadius"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Minimum allowed curve radius due to design characteristics, measured in meters&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/&gt; &lt;xs:element ref="WagonWeightEmpty"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Weight of the empty wagon (tara weight) in kg&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="LengthOverBuffers"/&gt; &lt;xs:element ref="MaxAxleWeight"/&gt; &lt;xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="LoadTableProduct" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Product description, only applies for product-specific load tables&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="ProductUNCode" type="Numeric4-4"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;UN code of product if product specific load table&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>
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	<pre> &lt;xs:element name="ProductRIDName"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; RID product name as written on the       folding panel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element name="LoadTableCountry" type="CountryIdentISO"   minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO country code of countries for       additional load tables&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="SpeedCategory" type="Numeric1-5"   maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numeric speed in load table, without speed       empty in km/h&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element ref="LoadTableStars" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="RouteClassPayloads" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="RouteClass"/&gt;       &lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Maximum payload in tons of line             category; number of entries must fit to number of entries in             SpeedCategory&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:totalDigits value="4"/&gt;             &lt;xs:fractionDigits value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>
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        </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"
value="256"/>
                    </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Date of composite brake block installation,
for originally equipped wagon = date put into service</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
        <xs:annotation>
            <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
        </xs:annotation>
    </xs:element>

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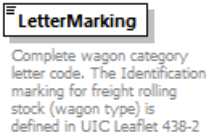
<xs:element ref="MaxLengthOfLoad" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Maximum length of the load measured in mm
  </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadArea" minOccurs="0"/>
<xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfRemovableAccessories">
        <xs:annotation>
          <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-
13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"
99 = Other wagon accessories
        </xs:documentation>
      </xs:annotation>
    </xs:sequence>
  </xs:complexType>
</xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2">
  <xs:annotation>

```

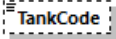
<p>the</p> <p>weight</p> <p>return</p> <p>ferries</p> <p>grades:</p> <p>maxOccurs="unbounded"&gt;</p> <p>should be in the</p>	<pre>         &lt;xs:documentation&gt;Number of specified accessory equipped on         wagon&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element          ref="LoadingCapacity"          minOccurs="0"/&gt; &lt;xs:element          ref="MaxGrossWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Weight of max Gross Load Weight plus the tare     weight of the equipment in kg&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if tank wagon is equipped with a vapour     system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element          ref="FerryPermittedFlag"          minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Indication if wagon is permitted to be used on     ferries&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element          name="FerryRampAngle"          minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum allowed angle of the ferry ramp (in     °)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:simpleType&gt;   &lt;xs:restriction          base="xs:decimal"&gt;     &lt;xs:totalDigits          value="3"/&gt;     &lt;xs:fractionDigits      value="2"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element          name="TemperatureRange"          minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Temperature Range&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:element          ref="MaxTemp"/&gt;       &lt;xs:element          ref="MinTemp"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;xs:element          ref="TechnicalForwardingRestrictions"          minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt; </pre>
---	---

	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element                                ref="DateLastOverhaul"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the last overhaul, if yet no overhaul date of      putting      into      service&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element                                ref="OverhaulValidityPeriod"/&gt; &lt;xs:element                                ref="PermittedTolerance"/&gt; &lt;xs:element                                ref="PlannedDateNextOverhaul"      minOccurs="0"/&gt; &lt;xs:element                                name="DateOfNextTankInspection"      type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the next tank inspection, applies only for      tank      wagons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--


element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
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>20</td> <td></td> </tr> </tbody> </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> &lt;xs:element                                name="LetterMarking"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438- 2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction                                base="xs:string"&gt;       &lt;xs:maxLength                                value="20"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </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 a...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="TankCode" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="20"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</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/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="WheelSetType" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type name of the wheel sets, and the name of the type depends on the manufacturer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

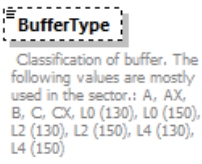
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric1-5</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Largest distance between two adjacent bogie pitches in mm
source	<pre>&lt;xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Largest distance between two adjacent bogie pitches in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric1-5</a>
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Maximum distance between two adjacent axles in mm
source	<pre>&lt;xs:element name="InnerWheelbase" type="Numeric1-5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum distance between two adjacent axles in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</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/3.2						
type	restriction of <b>xs:string</b>						
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 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> &lt;xs:element name="BufferType" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

element **RollingStockDataSet/DesignDataSet/LoadTable**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p><a href="#">LoadTableProduct</a> <a href="#">LoadTableCountry</a> <a href="#">SpeedCategory</a> <a href="#">LoadTableStars</a> <a href="#">RouteClassPayloads</a></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>&lt;xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;</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">
        <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
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>

```

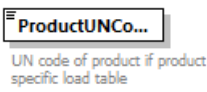
	<pre> &lt;xs:element ref="RouteClass"/&gt; &lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="4"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">ProductUNCode</a> <a href="#">ProductRIDName</a>
annotation	documentation Product description, only applies for product-specific load tables
source	<pre> &lt;xs:element name="LoadTableProduct" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Product description, only applies for product-specific load tables&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ProductUNCode" type="Numeric4-4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;UN code of product if product specific load table&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="ProductRIDName"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; RID product name as written on the folding panel&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;xs:restriction                                base="xs:string"&gt;   &lt;xs:maxLength                                value="256"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric4-4</a>									
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> &lt;xs:element                                name="ProductUNCode"                                type="Numeric4-4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;UN code of product if product specific load table&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName**

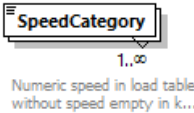
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation RID product name as written on the folding panel						
source	<pre> &lt;xs:element                                name="ProductRIDName"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;RID product name as written on the folding panel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction                                base="xs:string"&gt;       &lt;xs:maxLength                                value="256"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

	<pre>&lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
--	---

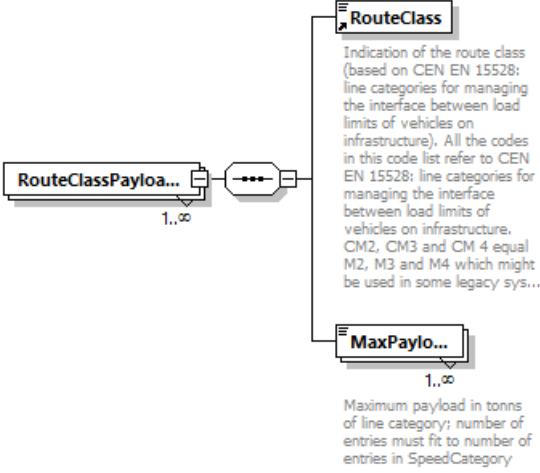
element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">CountryIdentISO</a>									
properties	minOcc 0 maxOcc unbounded content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO country code of countries for additional load tables									
source	<pre>&lt;xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO country code of countries for additional load tables&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

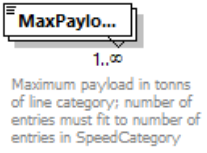
element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric1-5</a>									
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>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 Numeric speed in load table, without speed empty in km/h									
source	<pre>&lt;xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Numeric speed in load table, without speed empty in km/h&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

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

<p>diagram</p>	 <p>The diagram shows a sequence container for 'RouteClassPayloads' with a cardinality of 1..∞. Inside this container, there is a 'RouteClass' element and a 'MaxPayload' element, both with a cardinality of 1..∞. The 'RouteClass' element is described as: 'Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy sys...'. The 'MaxPayload' element is described as: 'Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory'.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 1 maxOcc unbounded content complex</p>
<p>children</p>	<p><b>RouteClass</b> <a href="#">MaxPayload</a></p>
<p>source</p>	<pre>&lt;xs:element name="RouteClassPayloads" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="RouteClass"/&gt;       &lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:totalDigits value="4"/&gt;             &lt;xs:fractionDigits value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

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

<p>diagram</p>	 <p>The diagram shows a 'MaxPayload' element with a cardinality of 1..∞. It is described as: 'Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory'.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>type</p>	<p>restriction of <b>xs:decimal</b></p>
<p>properties</p>	<p>minOcc 1 maxOcc unbounded content simple</p>

facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>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 tons of line category; number of entries must fit to number of entries in SpeedCategory									
source	<pre>&lt;xs:element name="MaxPayload" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum payload in tons of line category; number of     entries must fit to number of entries in SpeedCategory&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="4"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">DerailmentDetectionDevice</a>												
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>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple						
minOcc	0												
maxOcc	1												
content	simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>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	<pre>&lt;xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/&gt;</pre>												

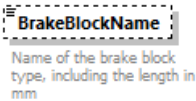
element **RollingStockDataset/DesignDataSet/BrakeBlock**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
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	<a href="#">BrakeBlockName</a> <a href="#">CompositeBrakeBlockRetrofitted</a> <a href="#">CompositeBrakeBlockInstallationDate</a>						



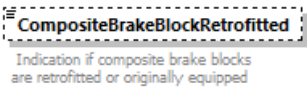
annotation	documentation Characteristics of brake blocks
source	<pre> &lt;xs:element name="BrakeBlock" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Characteristics of brake blocks&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="BrakeBlockName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of the brake block type, including the length in mm&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string" value="256"/&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt; Indication if composite brake blocks are retrofitted or originally equipped&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Date of composite brake block installation, for originally equipped wagon = date put into service&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

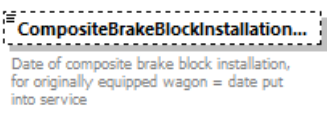
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Name of the brake block type, including the length in mm
source	<pre> &lt;xs:element name="BrakeBlockName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of the brake block type, including the length in </pre>

	<pre> mm&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string" value="256"/&gt;   &lt;xs:maxLength /&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	--

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> &lt;xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Indication if composite brake blocks are retrofitted or originally equipped&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
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> &lt;xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of composite brake block installation, for originally equipped wagon = date put into service&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>


element **RollingStockDataset/DesignDataSet/WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">WagonTelematics</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">TelematicsOnBoard</a> <a href="#">TelematicsDevice</a>
annotation	documentation Information about telematics devices mounted on the wagon.
source	<pre>&lt;xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Information about telematics devices mounted on the wagon.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric1-5</a>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Height of the loading plane when wagon is empty measured in mm
source	<pre>&lt;xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Height of the loading plane when wagon is empty measured in mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

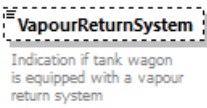
<p>diagram</p> 	<div data-bbox="655 293 938 327" style="border: 1px solid black; padding: 2px;"> <b>TypeOfRemovableAccessories</b> </div> <p>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> <li>01 = Removable stanchion</li> <li>02 = Removable side flap of flat wagon</li> <li>03 = Removable end flap of flat wagon</li> <li>04 = Removable side rail</li> <li>05 = Removable intermediate upright for securing the load</li> <li>06 = Stanchion chain</li> <li>07 = Removable handle and wheel for winch on car-carrying wagon</li> <li>08 = Swivelling bolster (with stanchions)</li> <li>09 = Coupling rod (rigid coupling)</li> <li>10 = Ice bunker</li> <li>11 = Ice bunker screen</li> <li>12 = Ice bunker frame</li> <li>13 = Trestle or bar with hooks for hanging meat</li> <li>14 = Movable cross-member of wagon with low loading plane</li> <li>15 = Removable support</li> <li>16 = Mooring cross-member on wagon for special loads</li> <li>17 = Movable floor panel on wagon for special loads</li> <li>18 = Scotch</li> <li>19 = Skid bar with or without shoes on car-carrying wagon</li> <li>20 = Mooring strap on car-carrying wagon</li> <li>21 = Beam for movable ramp on car-carrying wagon</li> <li>22 = Spare heating half-coupling</li> <li>23 = Fire extinguisher</li> <li>24 = Wheel scotches (for cars) on car-carrying wagon</li> <li>25 = Gangway loading ramp on car-carrying wagon</li> <li>26 = Metal cradles for rolls of metal sheeting</li> <li>27 = Panel for covering markings</li> <li>28 = Loading frame for special types of goods</li> <li>29 = Headstock for "rolling road..."</li> </ul> <div data-bbox="655 1171 938 1205" style="border: 1px solid black; padding: 2px;"> <b>NumberOfAccessorOfSpecType</b> </div> <p>Number of specified accessory equipped on the wagon</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p><b>TypeOfRemovableAccessories</b> <a href="#">NumberOfAccessorOfSpecType</a></p>
<p>source</p>	<pre>&lt;xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TypeOfRemovableAccessories"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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 </pre>

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
<pre> &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Number of specified accessory equipped on the wagon&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>				

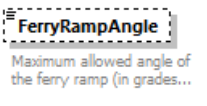
element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric2-2</a>									
properties	content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	<pre> documentation Number of specified accessory equipped on the wagon </pre>									
source	<pre> &lt;xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Number of specified accessory equipped on the wagon&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	 <p>Indication if tank wagon is equipped with a vapour return system</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<pre>&lt;xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication if tank wagon is equipped with a vapour return system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram	 <p>Maximum allowed angle of the ferry ramp (in grades...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:decimal</b>									
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>&lt;xs:element name="FerryRampAngle" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum allowed angle of the ferry ramp (in grades: °)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:totalDigits value="3"/&gt;       &lt;xs:fractionDigits value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">MaxTemp</a> <a href="#">MinTemp</a>
source	<pre> &lt;xs:element name="TemperatureRange" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Temperature Range&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:element ref="MaxTemp"/&gt;       &lt;xs:element ref="MinTemp"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons
source	<pre> &lt;xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Date of the next tank inspection, applies only for tank wagons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **RollingStockDatasetMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">RollingStockDataset</a> <a href="#">RefusedWagonNumbers</a></p>
<p>annotation</p>	<p>documentation Rolling Stock administrative and Technical Dataset</p>
<p>source</p>	<pre> &lt;xs:element name="RollingStockDatasetMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolling Stock administrative and Technical Dataset&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonNumberFreight"/&gt;             &lt;xs:element ref="RefusalCode"/&gt;             &lt;xs:element ref="KeeperShortNameVKM" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

<p>diagram</p>	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">RefusalCode</a> <a href="#">KeeperShortNameVKM</a>
source	<pre>&lt;xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="RefusalCode"/&gt;       &lt;xs:element ref="KeeperShortNameVKM" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **RollingStockDatasetQueryMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonNumberFreight</a>
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre>&lt;xs:element name="RollingStockDatasetQueryMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolling Stock administrative and Technical Dataset&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **RouteInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">FreeText</a>

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>&lt;xs:element name="RouteInformation" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

## element Routing

diagram	<p>Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">RouteSection</a>
used by	element <a href="#">ConsignmentOrderMessage/COMS/COM</a>
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not
source	<pre>&lt;xs:element name="Routing"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="RouteSection" maxOccurs="30"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Route sequence&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="SequenceID" type="xs:int"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;           &lt;xs:element name="RouteCode"&gt;             &lt;xs:annotation&gt;               &lt;xs:documentation&gt;Route code (International RouteCode)&lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;           &lt;/xs:element&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

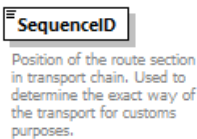
	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="5"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*0"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="RouteText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of the specific route section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="80"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **Routing/RouteSection**

diagram	<p>The diagram shows a class <b>RouteSection</b> with a multiplicity of 1..30. It is associated with <b>SequenceID</b> (multiplicity 1..1) and <b>RouteCode</b> (multiplicity 1..1). <b>RouteCode</b> is further associated with <b>RouteText</b> (multiplicity 1..1). Descriptions: <b>SequenceID</b> is 'Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.' <b>RouteCode</b> is 'Route code (International RouteCode)'. <b>RouteText</b> is 'Description of the specific route section'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 1 maxOcc 30 content complex
children	<a href="#">SequenceID</a> <a href="#">RouteCode</a> <a href="#">RouteText</a>
annotation	documentation Route sequence
source	<pre> &lt;xs:element name="RouteSection" maxOccurs="30"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Route sequence&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="SequenceID" type="xs:int"&gt; </pre>

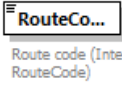
	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:sequence&gt;   &lt;xs:element name="RouteCode"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Route code (International RouteCode)&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction base="xs:string"&gt;         &lt;xs:length value="5"/&gt;         &lt;xs:pattern value="\d*[1-9]\d*0"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt;   &lt;xs:element name="RouteText" minOccurs="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Description of the specific route section&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction base="xs:string"&gt;         &lt;xs:minLength value="1"/&gt;         &lt;xs:maxLength value="80"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **Routing/RouteSection/SequenceID**

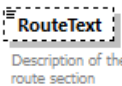
diagram	 <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:int</b>
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> &lt;xs:element name="SequenceID" type="xs:int"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>

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

### element **Routing/RouteSection/RouteCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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>&lt;xs:element name="RouteCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Route code (International RouteCode)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       value="5"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*0"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

### element **Routing/RouteSection/RouteText**

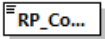
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	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>80</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Description of the specific route section									
source	<pre>&lt;xs:element name="RouteText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of the specific route section&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       value="1"/&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="80"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

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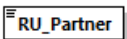
</xs:restriction>
</xs:simpleType>
</xs:element>

```


### element **RP\_Code**

diagram	 Routing point code of the production station of the acceptance or delivery poi...						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	content simple						
used by	element <a href="#">ProductionStation</a>						
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> </tbody> </table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	documentation Routing point code of the production station of the acceptance or delivery point.						
source	<pre> &lt;xs:element name="RP_Code"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Routing point code of the production station of the acceptance or delivery point.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="5"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

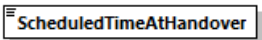
### element **RU\_Partner**

diagram	 Railway Undertaka...												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/CustomsProcedures</a> <a href="#">SpecialTreatments</a>												
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> &lt;xs:element name="RU_Partner" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railway Undertaking&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												


element **ScheduledDateTimeAtTransfer**

diagram	 <p>The referenced date and time of arrival or exit at the border between two different IMs</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">OperationalTrainNumberIdentifier</a>
annotation	documentation The referenced date and time of arrival or exit at the border between two different IMs
source	<pre>&lt;xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The referenced date and time of arrival or exit at the border between two different IMs&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ScheduledTimeAtHandover**

diagram	 <p>The referenced date and time of departure or entrance at the border between two different IMs</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">OperationalTrainNumberIdentifier</a>
annotation	documentation The referenced date and time of departure or entrance at the border between two different IMs
source	<pre>&lt;xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The referenced date and time of departure or entrance at the border between two different IMs&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **ScheduledTimeAtLocation**

diagram	 <p>Scheduled Date and Time at a location related to the status of the train or wagon at the given loca...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple

used by	element <a href="#">ExceptionPoint</a>
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<pre>&lt;xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Scheduled Date and Time at a location related to the status of the train or wagon at the given location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

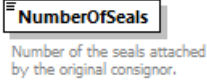
## element Seals

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">NumberOfSeals</a> <a href="#">SealsDescription</a>
used by	elements <a href="#">ITU Details Wagons/WagonDetails</a>
annotation	documentation Describes the seals used for the consignment
source	<pre>&lt;xs:element name="Seals"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the seals used for the consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="NumberOfSeals"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Number of the seals attached by the original consignor.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:int"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:totalDigits value="2"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information of the original consignor regarding the attached seals.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="10"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

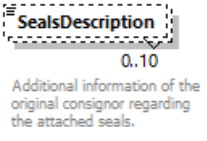


	<pre> &lt;xs:minLength   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>	<pre> value="1"/&gt; </pre>
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element **Seals/NumberOfSeals**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:int</b>										
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> &lt;xs:element   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of the seals attached by the original     consignor.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       &lt;xs:minInclusive         &lt;xs:totalDigits       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>		<pre> name="NumberOfSeals"&gt; base="xs:int"&gt; value="0"/&gt; value="2"/&gt; </pre>								

element **Seals/SealsDescription**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
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> &lt;xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information of the original consignor     regarding the attached seals.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="10"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **Sender**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	extension of <a href="#">CompanyCode</a>						
properties	content complex						
used by	element <a href="#">MessageHeader</a>						
facets	Kind	Value	Annotation				
	minLength	4					
	maxLength	4					
	pattern	[0-9A-Z]{4}					
attributes	Name	Type	Use	Default	Fixed	Annotation	
	<a href="#">CI_InstanceNumber</a>	<a href="#">Numeric2-2</a>				documentation Number of a Common Interface Instance for the same Company	
annotation	documentation The sender of the message						
source	<pre> &lt;xs:element name="Sender"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sender of the message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="CompanyCode"&gt;         &lt;xs:attribute ref="CI_InstanceNumber"/&gt;       &lt;/xs:extension&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>						

element **SenderReference**

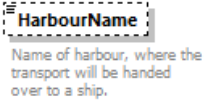
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">FreeText</a>									
properties	content simple									
used by	element <a href="#">MessageHeader</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </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>&lt;xs:element name="SenderReference" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;reference used by the sender (e.g. FTP file name)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **Ship**

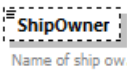
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">VesselIndication</a> <a href="#">HarbourName</a> <a href="#">ShipOwner</a>
used by	elements <a href="#">ITU Details</a> <a href="#">Wagons/WagonDetails</a>
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre>&lt;xs:element name="Ship"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information for transports, which shall be handed over to a ship&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="VesselIndication"/&gt;       &lt;xs:element name="HarbourName" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Name of harbour, where the transport will be handed over to a ship.&lt;/xs:documentation&gt;</pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="ShipOwner" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of ship owner.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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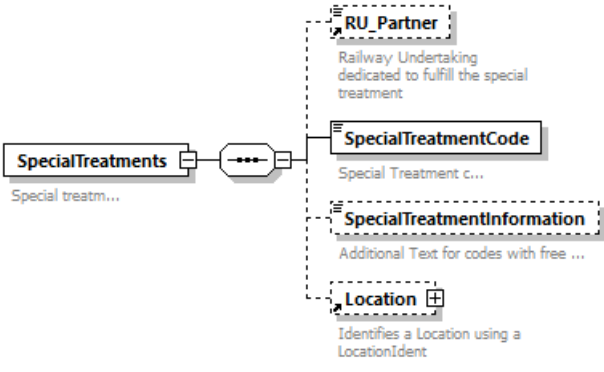
element **Ship/HarbourName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of harbour, where the transport will be handed over to a ship.									
source	<pre> &lt;xs:element name="HarbourName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of harbour, where the transport will be handed over to a ship.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="35"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **Ship/ShipOwner**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of ship owner.
source	<pre>&lt;xs:element name="ShipOwner" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name of ship owner.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       value="1"/&gt;     &lt;xs:maxLength value="35"/&gt;   &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **SpecialTreatments**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">RU Partner</a> <a href="#">SpecialTreatmentCode</a> <a href="#">SpecialTreatmentInformation</a> <a href="#">Location</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData</a>
annotation	documentation Special treatment
source	<pre>&lt;xs:element name="SpecialTreatments"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special treatment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;</pre>

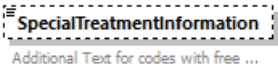
<p>special</p>	<pre> &lt;xs:element ref="RU_Partner" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railway Undertaking dedicated to fulfill the     treatment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="SpecialTreatmentCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special Treatment code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element name="SpecialTreatmentInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Text for codes with free     text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:element ref="Location" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
----------------	--

element **SpecialTreatments/SpecialTreatmentCode**

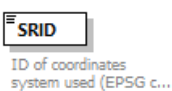
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	content simple						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						
annotation	documentation Special Treatment code						
source	<pre> &lt;xs:element name="SpecialTreatmentCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special Treatment code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:length value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **SpecialTreatments/SpecialTreatmentInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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>&lt;xs:element name="SpecialTreatmentInformation" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional Text for codes with free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **SRID**

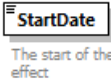
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	content simple
used by	element <a href="#">GeographicCoordinates</a>
facets	Kind Value Annotation pattern [0-9]{4}
annotation	documentation ID of coordinates system used (EPSG code)
source	<pre>&lt;xs:element name="SRID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ID of coordinates system used (EPSG code)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="[0-9]{4}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

```

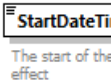
</xs:restriction>
</xs:simpleType>
</xs:element>

```

### element **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:date</b>
properties	content simple
used by	complexTypes <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a> <a href="#">ValidityPeriod</a>
annotation	documentation The start of the date/time in effect
source	<pre> &lt;xs:element name="StartDate" type="xs:date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The start of the date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

### element **StartDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	elements <a href="#">RequestedPeriod</a> <a href="#">RequestedTimeframe</a> <a href="#">ValidityPeriod</a>
annotation	documentation The start of the date/time in effect
source	<pre> &lt;xs:element name="StartDateTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The start of the date/time in effect&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>



element **StartLocation**

diagram	<p>The diagram shows the <b>StartLocation</b> element connected to the <b>LocationIdent</b> complex type. <b>LocationIdent</b> is a dashed box containing four sub-elements: <b>CountryCodeISO</b> (Identifies a County or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Starting point of section or segment
source	<pre>&lt;xs:element name="StartLocation" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Starting point of section or segment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **Station**

diagram	<p>The diagram shows the <b>Station</b> element connected to the <b>LocationIdent (extensi...)</b> complex type. <b>LocationIdent (extensi...)</b> is a dashed box containing four sub-elements: <b>CountryCodeISO</b> (Identifies a County or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	elements <a href="#">ConsignmentOrderMessage/COMS/COM/AcceptancePoint</a> <a href="#">ConsignmentOrderMessage/COMS/COM/DeliveryPoint</a>
annotation	documentation Details of station serving the point

source	<pre> &lt;xs:element name="Station"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details of station serving the point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType base="LocationIdent"/&gt;   &lt;/xs:element&gt;         </pre>
--------	--

element **SummaryOfGoodsWithSameRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">UN Number</a> <a href="#">PackingGroup</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a>
used by	elements <a href="#">ITU RollingRoadUnit Wagons</a>
annotation	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
source	<pre> &lt;xs:element name="SummaryOfGoodsWithSameRID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and         </pre>

	<pre> propershipping name in the wagon. The added amount of the dangerous goods are to be stored here&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="UN_Number" minOccurs="0"/&gt;     &lt;xs:element ref="PackingGroup" minOccurs="0"/&gt;     &lt;xs:element ref="DangerousGoodsWeight" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;The weight of the dangerous goods in Kilograms&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="DangerousGoodsVolume" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TechnicalForwardingRestrictions**


<p>diagram</p>	<div style="border: 1px solid black; padding: 5px;"> <p><b>TechnicalForwardingRestrictions</b></p> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p style="text-align: right;">F =</p> <p>Freight  P = Passenger  T = Technical  D = Damage  L = Load</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">F or P</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: right;">T</td> </tr> <tr> <td>D 07</td> <td>L F</td> <td>Shunt only when hand brake operable with ground staff</td> </tr> <tr> <td>11</td> <td>F</td> <td style="text-align: right;">x x</td> </tr> <tr> <td></td> <td></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>13</td> <td>F</td> <td style="text-align: right;">x</td> </tr> <tr> <td></td> <td></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 x 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;">...</td> </tr> </tbody> </table> </div>	Code	F or P	Description			T	D 07	L F	Shunt only when hand brake operable with ground staff	11	F	x x			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	13	F	x			Bogie wagon with distance between wheels of more than 17,50 metres			x	15	F	Wagon not allowed over the hump			x x x	16	F	Do not fly shunt or gravity shunt (3 red triangles)			...
Code	F or P	Description																																									
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<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>																																										
<p>type</p>	<p><b>RestrictionCodes</b></p>																																										
<p>properties</p>	<p>content simple</p>																																										
<p>used by</p>	<p>element <a href="#">RollingStockDataset/DesignDataSet</a></p>																																										
<p>facets</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Kind</th> <th style="text-align: left;">Value</th> <th style="text-align: left;">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> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13																						
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P	=	F	=	Freight																																																				
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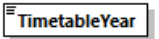
	15	F	Wagon not allowed over the hump	x			
	16	F	Do not fly shunt or gravity shunt (3 red triangles)	x	x	x	
	18	F	Must not use active braking equipment				x x
	25	F	Gas carrying tank wagon with orange side stripe	x			
	41	F	Place this wagon at the front of the train				x
	42	F	Place this wagon at the rear of the train	x	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	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	
							x
source	<pre>&lt;xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-       All codes of Transport restrictions for Freight Traffic (cf. UIC 920- 13) and Passengers Traffic are in the same list which is contained in the code list       RestrictionCodes.       In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.       F = Freight P = Passenger T = Technical D = Damage L = Load Code F or P Description       T D L</pre>						

07	F	Shunt only when hand brake operable with ground staff
	x	x
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
		x
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
		x
13	F	Bogie wagon with distance between wheels of more than 17,50 metres
		x
15	F	Wagon not allowed over the hump
		x x x
16	F	Do not fly shunt or gravity shunt (3 red triangles)
		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
		x x x
42	F	Place this wagon at the rear of the train
		x 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 x x
71	F	Shunt with special care (2 red triangle)
		x x x
94	F	Gas carrying wagon without orange side stripe
		x
		</xs:documentation>
		</xs:annotation>
		</xs:element>

element **TiltingFunction**

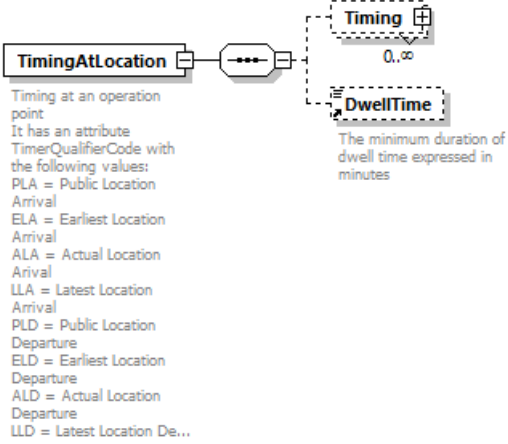
diagram	 Indicates if a rolling stock is fitted with a tilting system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	documentation Indicates if a rolling stock is fitted with a tilting system
source	<pre>&lt;xs:element name="TiltingFunction" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates if a rolling stock is fitted with a tilting system&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TimetableYear**

diagram	 Refers to the timetable period in which the business will be carried out									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	complexTypees <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>2012</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>2097</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	2012		maxInclusive	2097	
Kind	Value	Annotation								
minInclusive	2012									
maxInclusive	2097									
annotation	documentation Refers to the timetable period in which the business will be carried out									
source	<pre>&lt;xs:element name="TimetableYear"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Refers to the timetable period in which the business will be carried out&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="2012"/&gt;       &lt;xs:maxInclusive value="2097"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									



element **TimingAtLocation**

<p>diagram</p>	 <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location De...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Timing</a> <a href="#">DwellTime</a></p>
<p>used by</p>	<p>elements <a href="#">AssociatedAttachedTimingAtLocation</a> <a href="#">PlannedJourneyLocation</a></p>
<p>annotation</p>	<p>documentation Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p>
<p>source</p>	<pre>&lt;xs:element name="TimingAtLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Timing at an operation point     It has an attribute TimerQualifierCode with the following values:     PLA = Public Location Arrival     ELA = Earliest Location Arrival     ALA = Actual Location Arival     LLA = Latest Location Arrival     PLD = Public Location Departure     ELD = Earliest Location Departure     ALD = Actual Location Departure     LLD = Latest Location Departure     ERT = Earliest Run Through     ART = Actual Run Through     LRT = Latest Run Through     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"&gt;</pre>


	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Time"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;hh:mm:ss&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;       &lt;xs:complexType&gt;         &lt;xs:simpleContent&gt;           &lt;xs:extension base="xs:time"/&gt;         &lt;/xs:simpleContent&gt;       &lt;/xs:complexType&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="Offset"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;in days&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;   &lt;/xs:sequence&gt;   &lt;xs:attribute ref="TimingQualifierCode"/&gt; &lt;/xs:complexType&gt; &lt;xs:element ref="DwellTime" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	---

element **TimingAtLocation/Timing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">Time</a> <a href="#">Offset</a> <a href="#">BookedLocationDateTime</a>

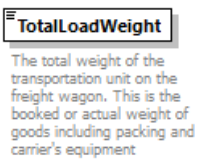
attributes	Name	Type	Use	Default	Fixed	Annotation
	TimingQualifierCode	<b>derived</b> <b>xs:token</b>	<b>by:</b>			documentation  PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure
source	<pre> &lt;xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Time"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;hh:mm:ss&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:simpleContent&gt;             &lt;xs:extension base="xs:time"/&gt;           &lt;/xs:simpleContent&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Offset"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;in days&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;     &lt;xs:attribute ref="TimingQualifierCode"/&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>					

element **TimingAtLocation/Timing/Time**

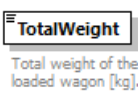
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <b>xs:time</b>

properties	content complex
annotation	documentation hh:mm:ss
source	<pre> &lt;xs:element name="Time"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;hh:mm:ss&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:simpleContent&gt;       &lt;xs:extension base="xs:time"/&gt;     &lt;/xs:simpleContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TotalLoadWeight**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	element <a href="#">WagonOperationalData</a>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment												
source	<pre> &lt;xs:element name="TotalLoadWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

element **TotalWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">WeightValueKilo</a>
properties	content simple

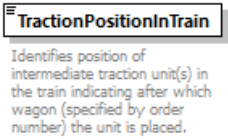
used by	elements <a href="#">Wagons/WagonDetails</a> <a href="#">WagonInformation</a>												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loaded wagon [kg].												
source	<pre>&lt;xs:element name="TotalWeight" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Total weight of the loaded wagon [kg].   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **TractionDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">LocoTypeNumber</a> <a href="#">TypeOfUsedHybridPowerunit</a> <a href="#">TractionMode</a> <a href="#">TractionWeight</a> <a href="#">Length</a>
used by	element <a href="#">PlannedTrainTechnicalData</a>
annotation	documentation Defines the design series, mode of deployment and technical specifications associated with the traction of a train.
source	<pre>&lt;xs:element name="TractionDetails"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Defines the design series, mode of deployment and     technical specifications associated with the traction of a     train.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LocoTypeNumber"/&gt;       &lt;xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

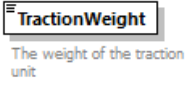
	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Indication of type of power unit of a hybrid loco   which is used; it has be filled only mandatory in case of hybrid   locomotive&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element          ref="TractionMode"          minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the mode of deployment of a traction     unit          within          a          train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element          ref="TractionWeight"        minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Check with group to see if it is for sum or     individual          -          check          TAP&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element          ref="Length"                minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length in milimetres - Used for     TAP&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TractionPositionInTrain**

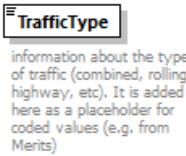
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">TrainCompositionJourneySection/LocIdent</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</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> &lt;xs:element          name="TractionPositionInTrain"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies position of intermediate traction unit(s) in     the train indicating after which wagon (specified by order number) the unit     is          placed.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction          base="xs:integer"&gt;       &lt;xs:minInclusive          value="01"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

	<pre> &lt;xs:maxInclusive   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> value="99"/&gt; </pre>
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### element **TractionWeight**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	<a href="#">WeightValueTonne</a>										
properties	content simple										
used by	element <a href="#">TractionDetails</a>										
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> &lt;xs:element   name="TractionWeight"   type="WeightValueTonne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight of the traction unit&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>										

### element **TrafficType**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:string</b>										
properties	content simple										
used by	element <a href="#">PlannedTrainData</a>										
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> &lt;xs:element   name="TrafficType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;information about the type of traffic (combined, rolling     highway, etc). It is added here as a placeholder for coded values (e.g. from     Merits)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt; </pre>										

<pre>&lt;xs:restriction   &lt;xs:minLength   &lt;xs:maxLength &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	<pre>base="xs:string"&gt; value="1"/&gt; value="2"/&gt;</pre>
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element **TrainActivity**

diagram

**TrainActivityType**

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.

- 0001 Commercial stop RU Board/embark passenger train, scheduled freight train
- 0002 Operational stop DM Stops needed by the DM (e.g. covering by another train)
- 0003 Service stop RU/DM Stops which are used for non-commercial activities (e.g. handling of staff)
- 0004 System stop RU/DM allowing the RU to change a system (e.g. signalling system, safety system)
- 0005 Reversing stop RU/DM stop to enable train unit to run in the opposite direction (without change of engine)
- 0006 Stops for reversing move or driver change end RU stop to enable train unit to run in the opposite direction (with using another engine at the 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/stop RU/DM e.g. at origin or intermediate station
- 0009 Change gauge RU/DM continuation on a gauge with change of bogies or suspension of the axle (F+G, SVE+PE)
- 0010 Attach engine/locomotive RU Link not previously in service
- 0011 Detach engine/locomotive RU Link no longer in service
- 0012 Change engine RU
- 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/position midway for several hours
- 0019 Mail/parcel services RU
- 0020 Shunting RU actual activity of shunting
- 0021 Shunting service RU Request for shunting service (offered by the DM or a third party)
- 0022 Removal service (terminal in the meaning of rail administration) RU Request for service at the end of a train (offered by the DM or a third party)
- 0023 Loco driver change RU Loco driver break RU legal train, e.g. to respect working time
- 0025 Crew change RU different to loco driver change as for the change of loco crew a pattern will be needed
- 0026 Custom stop border/terminal RU
- 0027 Other stop reason (reservation) RU/DM
- 0028 Boarding only RU
- 0029 Disembarking only RU
- 0030 Stop on request RU
- 0031 Departure equal to arrival time RU If in some stations only arrival times are published, the activity code may be used to indicate that the train cannot arrive before the published arrival time in case of an early arrival
- 0032 Departure after disembarking RU mainly used at the end of train with train not continue as soon as all passengers have disembarked
- 0033 No waiting for connection RU
- 0034 Warning RU Indicates the DM that a track with water access will be needed
- 0035 Heating Indicates the DM that a track with heating equipment will be needed
- 0036 Clearing RU
- 0037 Treatment of plants and live animals RU treatment: feeding, milking, spraying, clopping, vaccination, flea, clipping, worming, flea
- 0038 Treatment of perishable goods RU Checking the temperature, Re-long, heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, greasing machinery and staff
- 0039 Administrative operations RU handling, radio-logging, Submission to phylosanitary inspection
- 0040 Run Through (Passer Train) DM
- 0041 Photo run-by / Photography
- 0042 Train Washing Washing 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 previous service. The same vehicle is used from the previous service. Also called "train-set transfer"
- 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 service. Also called "train-set transfer"
- 0046 Connecting service to 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 service. Also called "train-set transfer"
- 0047 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 service. Also called "train-set transfer"
- 0048 Change of OTIS belonging to the same transport if no TrainID is present

National / company codes  
 Examples:  
 Numbers 00 to 99 may be used for an DM for Network...

**AssociatedAttachedTrainID**  
 Identifies the associated train or train service in an Other Activity

**AssociatedAttachedOTIS**  
 Identifies the associated OTIS for the activity for traffic management purposes by the responsible (DMS) services.

**AssociatedAttachedTrainService...**  
 Identifies the associated train service line number for the train activity connecting service.

**AssociatedAttachedTrainID...**  
 Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTIS or AssociatedAttachedTrainService. In general, the Date/Time element of structure (time/indication) is not provided when relevant.

**FreeTextfield**  
 Free Text...

**TrainActivity**

Since the activity can be related to coaching / detaching of wagons and/or signs to different trains, the reference to other trains should be possible to be indicated.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">TrainActivityType</a>
properties	content complex
children	<a href="#">TrainActivityType</a> <a href="#">AssociatedAttachedTrainID</a> <a href="#">AssociatedAttachedOTN</a> <a href="#">AssociatedAttachedTrainServiceNumber</a> <a href="#">AssociatedAttachedTimingAtLocation</a> <a href="#">FreeTextField</a>
used by	elements <a href="#">TrainRunningData/Activities</a> <a href="#">PlannedJourneyLocation</a>
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> &lt;xs:element name="TrainActivity" type="TrainActivityType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **TrainActivityType**

diagram

**TrainActivityType**

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 end  
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  
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 axle (F<->E, 5V 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  
RU
- 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
- 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 be 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-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  
RU
- 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 service"
- 0045 Connecting service from other train  
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0020	shunting	RU	actual	activity of shunting
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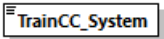
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used by	element <a href="#">TrainForecastAtReportingLocationMessage</a>
annotation	documentation Specifies information about a train at a specific location
source	<pre> &lt;xs:element name="TrainAtLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies information about a train at a specific location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainLocationStatus"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

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</xs:sequence>
</xs:complexType>
</xs:element>
    
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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/3.2																																																																																							
type	<b>TrainCC_SystemCode</b>																																																																																							
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used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>																																																																																							
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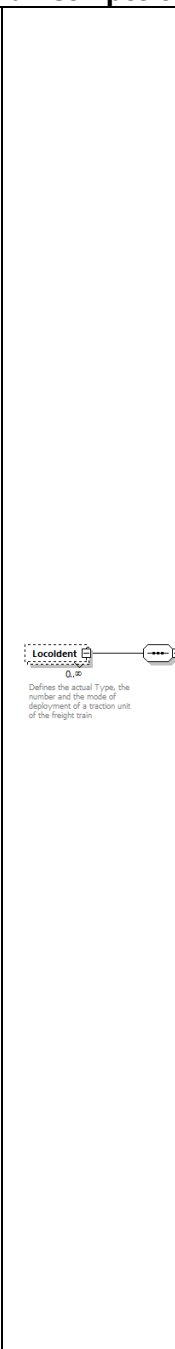
	<p>enumeration 29</p> <p>enumeration 30</p> <p>enumeration 31</p> <p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p> <p>enumeration 35</p> <p>enumeration 36</p> <p>enumeration 37</p> <p>enumeration 38</p> <p>enumeration 39</p> <p>enumeration 40</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 44</p> <p>enumeration 45</p> <p>enumeration 46</p> <p>enumeration 47</p> <p>enumeration 48</p> <p>enumeration 49</p> <p>enumeration 50</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 53</p> <p>enumeration 54</p>
annotation	<p>documentation</p> <p>Identifies the command control system of the train in coded values.</p>
source	<pre>&lt;xs:element name="TrainCC_System" type="TrainCC_SystemCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the command control system of the train in coded values.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainCompositionJourneySection**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">JourneySection</a> <a href="#">TrainRunningData</a> <a href="#">Locolident</a> <a href="#">LivestockOrPeopleIndicator</a> <a href="#">WagonData</a></p>
<p>used by</p>	<p>element <a href="#">TrainCompositionMessage</a></p>
<p>annotation</p>	<p>documentation Defines the make up of a train for each section of its journey</p>
<p>source</p>	<pre> &lt;xs:element name="TrainCompositionJourneySection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Defines the make up of a train for each section of its journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="JourneySection"/&gt;       &lt;xs:element ref="TrainRunningData"/&gt;       &lt;xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="TractionType"/&gt;             &lt;xs:element ref="LocoTypeNumber" minOccurs="0"/&gt;             &lt;xs:element ref="LocoNumber" minOccurs="0"/&gt;             &lt;xs:element ref="TractionMode" minOccurs="0"/&gt;             &lt;xs:element name="DriverIndication" minOccurs="0"&gt;               &lt;xs:annotation&gt;                 &lt;xs:documentation&gt;0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco&lt;/xs:documentation&gt;               &lt;/xs:annotation&gt;             &lt;/xs:sequence&gt;           &lt;/xs:complexType&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt; </pre>

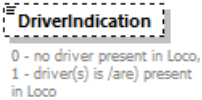
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            <xs:enumeration value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="TractionPositionInTrain" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="LivestockOrPeopleIndicator" minOccurs="0"
maxOccurs="1"/>
  <xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainCompositionJourneySection/LocoIdent**

<p>diagram</p> 	<p><b>TractionType</b> 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 3.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = transect or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle</p> <p><b>LocoTypeNumber</b> Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individ...</p> <p><b>LocoNumber</b> Identifies the number of the locomotive, usually the European Vehicle Number or IEN. It is currently not restricted only to numeric values.</p> <p><b>TractionMode</b> Identifies the mode of deployment of a traction unit 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><b>DriverIndication</b> 0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</p> <p><b>TractionPositionInTrain</b> Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>minOcc 0 maxOcc unbounded content complex</p>
<p>children</p>	<p><b>TractionType</b> <b>LocoTypeNumber</b> <b>LocoNumber</b> <b>TractionMode</b> <b>DriverIndication</b> <b>TractionPositionInTrain</b></p>
<p>annotation</p>	<p>documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</p>
<p>source</p>	<pre>&lt;xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;</pre>

	<pre> &lt;xs:sequence&gt;   &lt;xs:element     ref="TractionType"/&gt;   &lt;xs:element     ref="LocoTypeNumber"     minOccurs="0"/&gt;   &lt;xs:element     ref="LocoNumber"     minOccurs="0"/&gt;   &lt;xs:element     ref="TractionMode"     minOccurs="0"/&gt;   &lt;xs:element     name="DriverIndication"     minOccurs="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction         base="xs:integer"&gt;         &lt;xs:enumeration           value="0"/&gt;         &lt;xs:enumeration           value="1"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;xs:element     ref="TractionPositionInTrain"     minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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element **TrainCompositionJourneySection/LocIdent/DriverIndication**

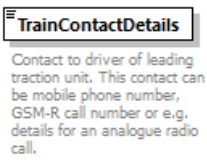
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1	
Kind	Value	Annotation								
enumeration	0									
enumeration	1									
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco									
source	<pre> &lt;xs:element   name="DriverIndication"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:integer"&gt;       &lt;xs:enumeration         value="0"/&gt;       &lt;xs:enumeration         value="1"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>									

element **TrainCompositionMessage**

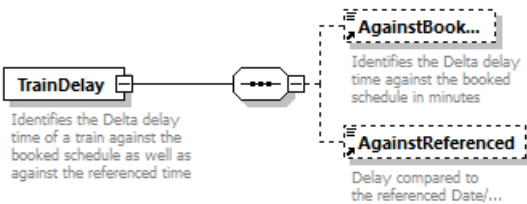
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TransportOperationalIdentifiers</a> <a href="#">OperationalTrainNumberIdentifier</a>  <a href="#">ReferenceOTN</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a> <a href="#">TrainCompositionJourneySection</a></p>
<p>annotation</p>	<p>documentation          This message is sent from an RU to an IM defining the composition of the proposed train.</p>
<p>source</p>	<pre>&lt;xs:element name="TrainCompositionMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is sent from an RU to an IM defining the     composition of the proposed train.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TransportOperationalIdentifiers" minOccurs="0"       maxOccurs="unbounded"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;       &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;       &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt;       &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt;       &lt;xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>



element **TrainContactDetails**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>CommunicationRefID</b>									
properties	content simple									
used by	element <b>TrainReadyMessage</b>									
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>&lt;xs:element name="TrainContactDetails" type="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **TrainDelay**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<b>AgainstBooked AgainstReferenced</b>
used by	elements <b>TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus</b>
annotation	documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time
source	<pre>&lt;xs:element name="TrainDelay"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="AgainstBooked" minOccurs="0"/&gt;       &lt;xs:element ref="AgainstReferenced" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;   &lt;xs:documentation&gt;Delay compared to the referenced</pre>

	<pre> Date/Time&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
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element **TrainDelayCauseMessage**

diagram	<p>The diagram illustrates the structure of the <b>TrainDelayCauseMessage</b> element. It is a complex type containing a sequence of elements: <b>MessageHeader</b>, <b>MessageStatus</b>, <b>TrainOperationalIdentification</b>, <b>OperationalTrainNumberIdentifier</b>, <b>ReferenceOTN</b>, <b>ResponsibleRU</b>, <b>DelayEventReport</b>, <b>TransferPoint</b>, and <b>TransfereelM</b>. Each element is represented by a box with a description of its function. For example, <b>MessageHeader</b> is used for all messages, and <b>ResponsibleRU</b> is the RU responsible for the physical operation of the train or wagon.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">DelayEventReport</a> <a href="#">TransferPoint</a> <a href="#">TransfereelM</a>
annotation	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
source	<pre> &lt;xs:element name="TrainDelayCauseMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;       &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;     </pre>

	<pre>&lt;xs:element ref="ResponsibleRU" minOccurs="0"/&gt; &lt;xs:element ref="DelayEventReport"/&gt; &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt; &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>	
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element **TrainForecastAtReportingLocationMessage**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">Location</a> <a href="#">TrainAtLocation</a>	
annotation	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.	
source	<pre>&lt;xs:element name="TrainForecastAtReportingLocationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="TrainAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>	

element **TrainID**

<p>diagram</p>	<p><b>CompositIdentifierOperationalType</b></p> <ul style="list-style-type: none"> <li><b>ObjectType</b>: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)</li> <li><b>Compa...</b>: Identifies a railway company (RU or IM)</li> <li><b>Core</b>: It is the main part of identifier and is determent by the company that creates it.</li> <li><b>Variant</b>: The variant shows a relationship between two identifiers referring to the same business case</li> <li><b>TimetableYear</b>: Refers to the timetable period in which the business will be carried out</li> <li><b>StartDate</b>: Is only used in the operational phase and refers to the date where the single train will start the train journey</li> </ul>
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>type</p>	<p><a href="#">CompositIdentifierOperationalType</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>elements <a href="#">ArrivalInterchangeReport</a> <a href="#">DepartureInterchangeReport</a></p>
<p>source</p>	<p><code>&lt;xs:element name="TrainID" type="CompositIdentifierOperationalType"/&gt;</code></p>

element **TrainInformation**

<p>diagram</p>	<p><b>TrainInformation</b> Train information provided by the RUs as an overview for the entire train journey from origin to destination</p> <p><b>PlannedJourneyLocati...</b> Any operation point along a train journey</p> <p><b>PlannedCalend...</b> This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element, one of them has to be allways present. Applications have to provide the data accordi...</p> <p><b>PathPlanningReferenceLocati...</b> 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/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">PlannedJourneyLocation</a> <a href="#">PlannedCalendar</a> <a href="#">PathPlanningReferenceLocation</a></p>
<p>used by</p>	<p>element <a href="#">PathRequestMessage</a></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> &lt;xs:element name="TrainInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Train information provided by the RUs as an overview for the entire train journey from origin to destination&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Any operation point along a train journey&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="PlannedCalendar"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be allways present. Applications have to provide the data accordingly. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="PathPlanningReferenceLocation"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre> &lt;xs:extension   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre> <p style="text-align: right;"><b>base="LocationIdent"/&gt;</b></p>
--	--

element **TrainInformation/PathPlanningReferenceLocation**

diagram	<p>The diagram shows a class <b>PathPlanningReferenceLocation</b> on the left with a documentation note: "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." This class is connected to a class <b>LocationIdent (extensi...)</b> on the right. <b>LocationIdent</b> has four subclasses: <b>CountryCodeISO</b> (Identifies a County or State by code (ISO 316...)), <b>LocationPrimaryCode</b>, <b>PrimaryLocationName</b> (Location Name in an offication language of the Country using the ISO Unicode alph...), and <b>LocationSubsidiaryIdentification</b> (Code, Name and allocation company of Subsidiary Location).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of <a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
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> &lt;xs:element   name="PathPlanningReferenceLocation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension         base="LocationIdent"/&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

element **TrainJourneyModification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TrainJourneyModificationIndicator</a> <a href="#">LocationModified</a>
used by	element <a href="#">TrainJourneyModificationMessage</a>
annotation	documentation This element shows which locations are changed during the running of a train
source	<pre> &lt;xs:element name="TrainJourneyModification"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows which locations are changed during the running of a train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainJourneyModificationIndicator"/&gt;       &lt;xs:element ref="LocationModified" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TrainJourneyModificationIndicator**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">TrainJourneyModification</a>									
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> &lt;xs:element name="TrainJourneyModificationIndicator"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This indicates what has changed in the train running e.g. rerouting, cancellation etc.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

	<pre>&lt;xs:maxInclusive   &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	<pre>value="99"/&gt;</pre>
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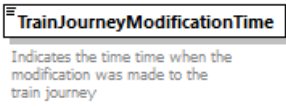
element **TrainJourneyModificationMessage**

<p>diagram</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">TrainJourneyModification</a> <a href="#">ModificationReason</a> <a href="#">TrainJourneyModificationTime</a> <a href="#">Remarks</a> <a href="#">TransferPoint</a> <a href="#">InternalReferencIdentifier</a> <a href="#">TransfereelM</a>	
annotation	<p>documentation</p> <p>This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p>	
source	<pre>&lt;xs:element   name="TrainJourneyModificationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; This message is issued to show, in real time, that the     train is rerouted-cancelled-stopping pattern is changed&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>	

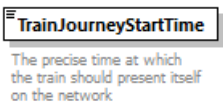


	<pre> &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="MessageHeader"/&gt;     &lt;xs:element ref="MessageStatus"/&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Assigned by the Sender 1=Creation, 2=Modification, 3=deletion &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:sequence&gt;   &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;   &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;   &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;   &lt;xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/&gt;   &lt;xs:element ref="ModificationReason" minOccurs="0"/&gt;   &lt;xs:element ref="TrainJourneyModificationTime" minOccurs="0"/&gt;   &lt;xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Transfer point or station of destination in the considered network where the Reference Train Numbers refers to   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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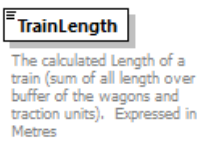
element **TrainJourneyModificationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">TrainJourneyModificationMessage</a>
annotation	documentation Indicates the time time when the modification was made to the train journey
source	<pre> &lt;xs:element name="TrainJourneyModificationTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the time time when the modification was made to the train journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

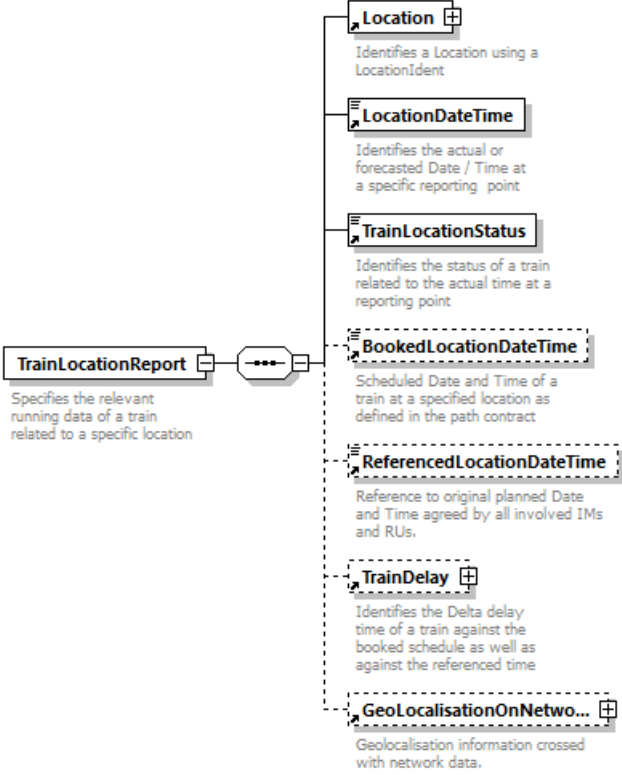
element **TrainJourneyStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network
source	<pre>&lt;xs:element name="TrainJourneyStartTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The precise time at which the train should present     itself on the network&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TrainLength**

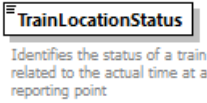
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<b>Numeric4-4</b>									
properties	content simple									
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</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>&lt;xs:element name="TrainLength" type="Numeric4-4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The calculated Length of a train (sum of all length over     buffer of the wagons and traction units). Expressed in     Metres&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

element **TrainLocationReport**

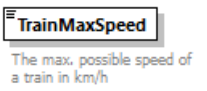
<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Location</a> <a href="#">LocationDateTime</a> <a href="#">TrainLocationStatus</a> <a href="#">BookedLocationDateTime</a> <a href="#">ReferencedLocationDateTime</a> <a href="#">TrainDelay</a> <a href="#">GeoLocalisationOnNetwork</a></p>
<p>used by</p>	<p>elements <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a></p>
<p>annotation</p>	<p>documentation Specifies the relevant running data of a train related to a specific location</p>
<p>source</p>	<pre> &lt;xs:element name="TrainLocationReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the relevant running data of a train related to a specific location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="LocationDateTime"/&gt;       &lt;xs:element ref="TrainLocationStatus"/&gt;       &lt;xs:element ref="BookedLocationDateTime" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Scheduled Date and Time of a train at a specified location as defined in the path contract&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ReferencedLocationDateTime" minOccurs="0"/&gt;       &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt;       &lt;xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

**element TrainLocationStatus**

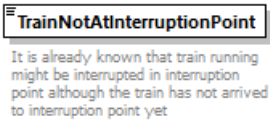
diagram																																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																															
type	<b>RunningStatus</b>																																																															
properties	content simple																																																															
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">DelayEventReport</a> <a href="#">LocationModified</a> <a href="#">TrainAtLocation</a> <a href="#">TrainLocationReport</a>																																																															
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>&lt;xs:element name="TrainLocationStatus" type="RunningStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the status of a train related to the actual time at a reporting point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>																																																															

**element TrainMaxSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	<a href="#">Speed</a>									
properties	content simple									
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
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>&lt;xs:element name="TrainMaxSpeed" type="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The max. possible speed of a train in km/h&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

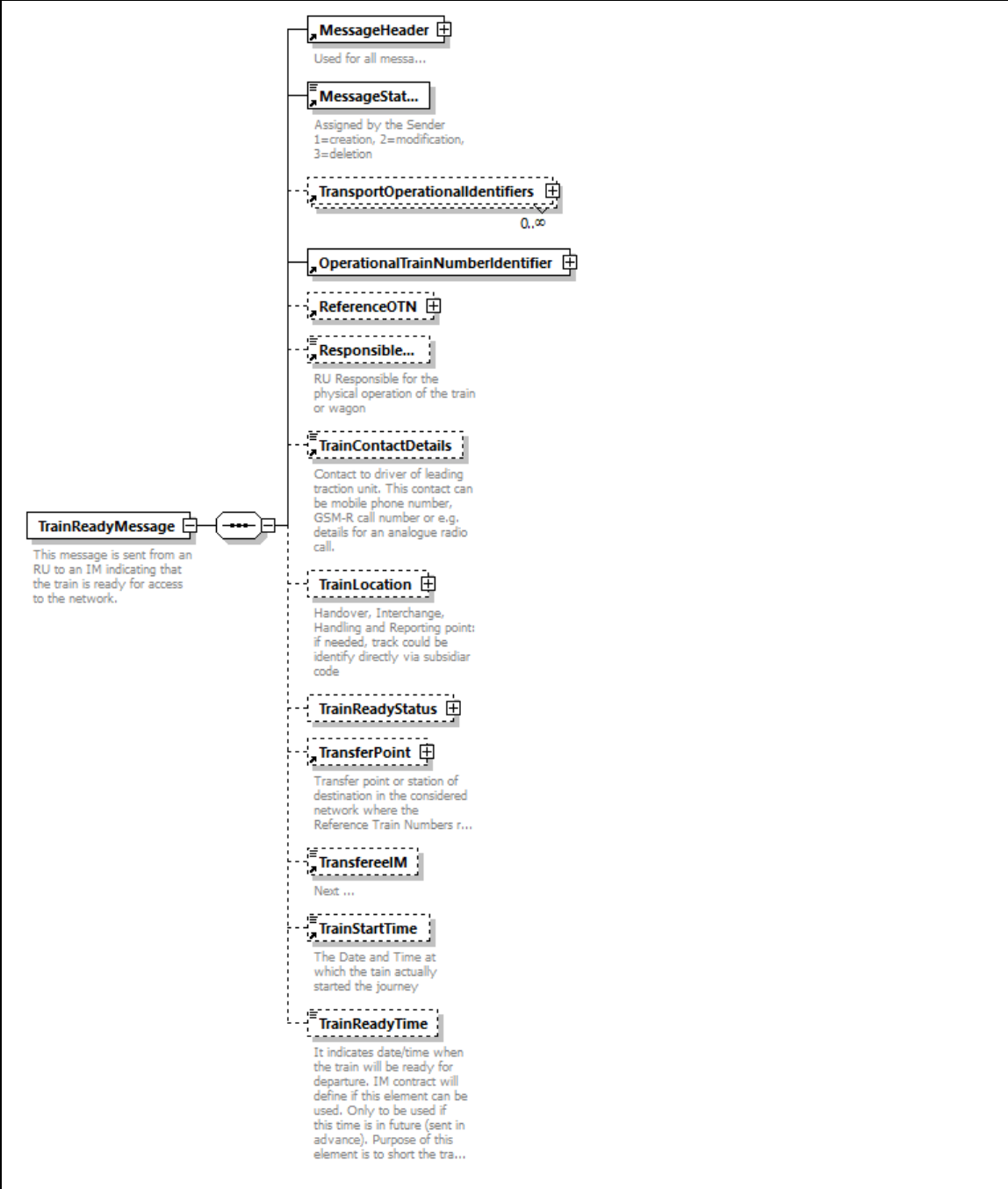
### element **TrainNotAtInterruptionPoint**

diagram	 <p>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">TrainRunningInterruptionMessage</a>									
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>&lt;xs:element name="TrainNotAtInterruptionPoint"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **TrainOperationalIdentification**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">TransportOperationalIdentifiers</a> <a href="#">RelatedTransportOperationalIdentifiers</a></p>
<p>used by</p>	<p>elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainAtLocation</a> <a href="#">TrainDelayCauseMessage</a>  <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainRunningForecastMessage</a>  <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a></p>
<p>source</p>	<pre> &lt;xs:element name="TrainOperationalIdentification"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;according to the new identifier structure, ObjectType has to be used to differ between train and path id&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;according to the new identifier structure, ObjectType has to be used to differ between train and path id&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;     </pre>

element **TrainReadyMessage**

<p>diagram</p> 	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TransportOperationalIdentifiers</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">TrainContactDetails</a> <a href="#">TrainLocation</a> <a href="#">TrainReadyStatus</a> <a href="#">TransferPoint</a> <a href="#">TransfereelIM</a> <a href="#">TrainStartTime</a> <a href="#">TrainReadyTime</a></p>
<p>annotation</p>	<p>documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.</p>
<p>source</p>	<pre>&lt;xs:element name="TrainReadyMessage" &gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is sent from an RU to an IM indicating that the train is ready for access to the network.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="MessageStatus"/>
    <xs:element ref="TransportOperationalIdentifiers" minOccurs="0"
maxOccurs="unbounded"/>
    <xs:element ref="OperationalTrainNumberIdentifier"/>
    <xs:element ref="ReferenceOTN" minOccurs="0"/>
    <xs:element ref="ResponsibleRU" minOccurs="0"/>
    <xs:element ref="TrainContactDetails" minOccurs="0"/>
    <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Handover, Interchange, Handling and Reporting
point: if needed, track could be identify directly via subsidiar code
</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TrainReadyStatus" minOccurs="0">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="TrainReady">
            <xs:annotation>
              <xs:documentation>0=Not Ready 1=Ready</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:integer">
                <xs:enumeration value="0"/>
                <xs:enumeration value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element ref="TrainDelay" minOccurs="0"/>
          <xs:element name="TrainNotReadyDescription" type="FreeText"
minOccurs="0">
            <xs:annotation>
              <xs:documentation>Description of the reason why the train is
not ready.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element ref="DelayCause" minOccurs="0"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element ref="TransferPoint" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Transfer point or station of destination in the
considered network where the Reference Train Numbers refers to
</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="TransfereeIM" minOccurs="0"/>
    <xs:element ref="TrainStartTime" minOccurs="0"/>
    <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0">
      <xs:annotation>
        <xs:documentation>It indicates date/time when the train will be
ready for departure. IM contract will define if this element can be used. Only
to be used if this time is in future (sent in advance). Purpose of this element
is to short the train stay. </xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```



	<pre> &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	--

element **TrainReadyMessage/TrainLocation**

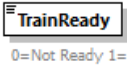
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code
source	<pre> &lt;xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Handover, Interchange, Handling and Reporting point: if     needed, track could be identify directly via subsidiar code   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                 </pre>

element **TrainReadyMessage/TrainReadyStatus**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">TrainReady</a> <a href="#">TrainDelay</a> <a href="#">TrainNotReadyDescription</a> <a href="#">DelayCause</a>
source	<pre> &lt;xs:element name="TrainReadyStatus" minOccurs="0"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TrainReady"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:enumeration value="0"/&gt;             &lt;xs:enumeration value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt;       &lt;xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Description of the reason why the train is not ready.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="DelayCause" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

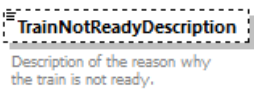
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <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> &lt;xs:element name="TrainReady"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

```

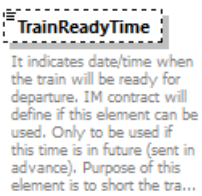
</xs:restriction>
</xs:simpleType>
</xs:element>

```

### element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>FreeText</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Description of the reason why the train is not ready.
source	<pre> &lt;xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Description of the reason why the train is not ready.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

### element **TrainReadyMessage/TrainReadyTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
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> &lt;xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>

element **TrainReadyStatus**

diagram	<p>The diagram shows the <b>TrainReadyStatus</b> element as a complex type. It contains three child elements: <b>TrainReady</b>, <b>TrainDelay</b>, and <b>DelayCause</b>. <b>TrainReady</b> is an enumeration with values 0 (Not Ready) and 1 (Ready). <b>TrainDelay</b> is a complex type that identifies the Delta delay time of a train against the booked schedule as well as against the referenced time. <b>DelayCause</b> is a complex type that identifies the reason for a delay (modified DelayReason).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TrainReady</a> <a href="#">TrainDelay</a> <a href="#">DelayCause</a>
source	<pre> &lt;xs:element name="TrainReadyStatus"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="TrainReady"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:enumeration value="0"/&gt;             &lt;xs:enumeration value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TrainDelay" minOccurs="0"/&gt;       &lt;xs:element ref="DelayCause" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TrainReadyStatus/TrainReady**

diagram	<p>The diagram shows the <b>TrainReady</b> element as an enumeration with two values: 0 (Not Ready) and 1 (Ready).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
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> &lt;xs:element name="TrainReady"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;0=Not Ready 1=Ready&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>									

	<pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:enumeration value="0"/&gt;     &lt;xs:enumeration value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **TrainRunningData**

diagram	<p><b>TrainRunningData</b> Train relevant data for a running train</p> <ul style="list-style-type: none"> <li><b>TrainRunningTechData</b> Shows the relevant technical data for a running train</li> <li><b>ExceptionalGaugingIndicator</b> Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</li> <li><b>DangerousGoodsIndicator</b> 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 DangerousGoodsIndicator</li> <li><b>Activities</b> 0..99</li> </ul>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">TrainRunningTechData</a> <a href="#">ExceptionalGaugingIndicator</a> <a href="#">DangerousGoodsIndicator</a> <a href="#">Activities</a>
used by	element <a href="#">TrainCompositionJourneySection</a>
annotation	documentation Train relevant data for a running train
source	<pre> &lt;xs:element name="TrainRunningData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Train relevant data for a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainRunningTechData"/&gt;       &lt;xs:element ref="ExceptionalGaugingIndicator" minOccurs="0"/&gt;       &lt;xs:element ref="DangerousGoodsIndicator" minOccurs="0"/&gt;       &lt;xs:element name="Activities" minOccurs="0" maxOccurs="99"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="TrainActivity"/&gt;             &lt;xs:element name="ActivityLocationIdent" type="LocationIdent"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TrainRunningData/Activities**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 99 content complex
children	<a href="#">TrainActivity</a> <a href="#">ActivityLocationIdent</a>
source	<pre> &lt;xs:element name="Activities" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="TrainActivity"/&gt;       &lt;xs:element name="ActivityLocationIdent" type="LocationIdent"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
source	<pre> &lt;xs:element name="ActivityLocationIdent" type="LocationIdent"/&gt; </pre>

element **TrainRunningForecastMessage**

<p>diagram</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 rep...</p> <ul style="list-style-type: none"> <li><b>MessageHeader</b>: Used for all messa...</li> <li><b>MessageStat...</b>: Assigned by the Sender 1=creation, 2=modification, 3=deletion</li> <li><b>TrainOperationalIdentification</b></li> <li><b>OperationalTrainNumberIdentifier</b></li> <li><b>ReferenceOTN</b></li> <li><b>Responsible...</b>: RU Responsible for the physical operation of the train or wagon</li> <li><b>TrainLocationReport</b>: Specifies the relevant running data of a train related to a specific location (1..∞)</li> <li><b>TransferPoint</b>: Transfer point or station of destination in the considered network</li> <li><b>TransfereeIM</b>: Next ...</li> </ul>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a>  <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">TrainLocationReport</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a></p>
<p>annotation</p>	<p>documentation          This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p>
<p>source</p>	<pre>&lt;xs:element name="TrainRunningForecastMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

	<pre>&lt;xs:element   &lt;xs:element   &lt;xs:element   &lt;xs:element   &lt;xs:element   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>	<pre>ref="ReferenceOTN" ref="ResponsibleRU" ref="TrainLocationReport" ref="TransferPoint" ref="TransfereeIM" minOccurs="0"/&gt; minOccurs="0"/&gt; maxOccurs="unbounded"/&gt; minOccurs="0"/&gt; minOccurs="0"/&gt;</pre>	
--	--	---	--

element **TrainRunningInformationMessage**

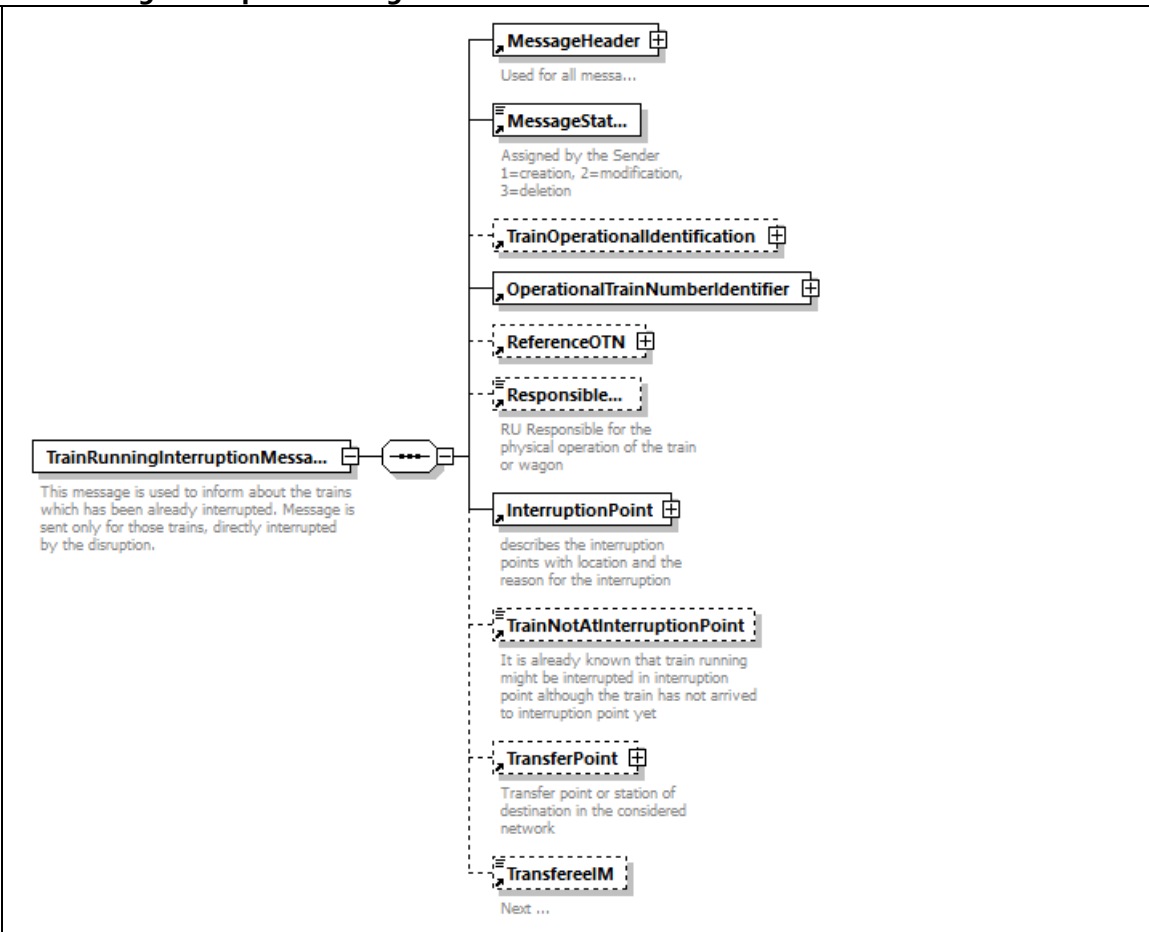
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
properties	content complex		
children	<a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">TrainLocationReport</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a>		
annotation	<p>documentation</p> <p>This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</p>		
source	<pre>&lt;xs:element name="TrainRunningInformationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>		



```

<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 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**

<p>diagram</p>  <p><b>TrainRunningInterruptionMessa...</b> This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.</p> <ul style="list-style-type: none"> <li><b>MessageHeader</b>: Used for all messa...</li> <li><b>MessageStat...</b>: Assigned by the Sender 1=creation, 2=modification, 3=deletion</li> <li><b>TrainOperationalIdentification</b></li> <li><b>OperationalTrainNumberIdentifier</b></li> <li><b>ReferenceOTN</b></li> <li><b>Responsible...</b>: RU Responsible for the physical operation of the train or wagon</li> <li><b>InterruptionPoint</b>: describes the interruption points with location and the reason for the interruption</li> <li><b>TrainNotAtInterruptionPoint</b>: It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</li> <li><b>TransferPoint</b>: Transfer point or station of destination in the considered network</li> <li><b>TransfereeIM</b>: Next ...</li> </ul>	<p>namespace <a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">MessageStatus</a> <a href="#">TrainOperationalIdentification</a> <a href="#">OperationalTrainNumberIdentifier</a> <a href="#">ReferenceOTN</a> <a href="#">ResponsibleRU</a> <a href="#">InterruptionPoint</a> <a href="#">TrainNotAtInterruptionPoint</a> <a href="#">TransferPoint</a> <a href="#">TransfereeIM</a></p>


<p>annotation</p>	<p>documentation                  This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.</p>
<p>source</p>	<pre> &lt;xs:element name="TrainRunningInterruptionMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="MessageStatus"/&gt;       &lt;xs:element ref="TrainOperationalIdentification" minOccurs="0"/&gt;       &lt;xs:element ref="OperationalTrainNumberIdentifier"/&gt;       &lt;xs:element ref="ReferenceOTN" minOccurs="0"/&gt;       &lt;xs:element ref="ResponsibleRU" minOccurs="0"/&gt;       &lt;xs:element ref="InterruptionPoint"/&gt;       &lt;xs:element ref="TrainNotAtInterruptionPoint" minOccurs="0"/&gt;       &lt;xs:element ref="TransferPoint" minOccurs="0"/&gt;       &lt;xs:element ref="TransfereeIM" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>

element **TrainRunningTechData**

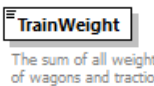
<p>diagram</p>	<p><b>TrainType</b> Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers, Transport of freight/goods, Transport of passengers and freight/goods. Train only for sum of traction units/locomotive. Train of the TM in case of emergency. The element is not repeatable, and it does not support any overlapping meaning. Following codes are available: 1 - Passenger train 2 - Freight train 3 - Locomotive train 4 - Maintenance train 5 - Emergency train 6 - Mixed train (passenger and freight train in combination) 0 - Other train</p> <p><b>TrainWeight</b> The sum of all weights of wagons and traction...</p> <p><b>TrainLength</b> The calculated length of a train (sum of all length over buffer of the wagons and traction units). Expressed in meters.</p> <p><b>TrainCC_System</b> Identifies the command control system of the train in coded values.</p> <p><b>TrainRadioSystem</b> The on board radio system of the train in coded format</p> <p><b>TrainMaxSpeed</b> The max. possible speed of a train in km/h.</p> <p><b>MaxAxleWeight</b> Indicates the maximum design axle weight (to).</p> <p><b>BrakeType</b> Type of braking system. Supported brake types: 0 = G: "Good" 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: subdivision 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 ...</p> <p><b>BrakeWeight</b> Shows the braked mass of the wagon according to the type of the braking system, in Tonnes.</p> <p><b>NumberOfVehicles</b> The sum of number of wagons and number of traction units</p> <p><b>NumberOfAxes</b> The sum of number of axes of all wagons and all traction units</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><b>TrainType</b> <a href="#">TrainWeight</a> <a href="#">TrainLength</a> <a href="#">TrainCC_System</a> <a href="#">TrainRadioSystem</a> <a href="#">TrainMaxSpeed</a> <a href="#">MaxAxleWeight</a> <b>BrakeType</b> <a href="#">BrakeWeight</a> <a href="#">NumberOfVehicles</a> <a href="#">NumberOfAxes</a></p>
<p>used by</p>	<p>element <a href="#">TrainRunningData</a></p>
<p>annotation</p>	<p>documentation Shows the relevant technical data for a running train</p>
<p>source</p>	<pre>&lt;xs:element name="TrainRunningTechData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shows the relevant technical data for a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="TrainType"/&gt;     &lt;xs:element ref="TrainWeight"/&gt;     &lt;xs:element ref="TrainLength"/&gt;     &lt;xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/&gt;     &lt;xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/&gt;     &lt;xs:element ref="TrainMaxSpeed" minOccurs="0"/&gt;     &lt;xs:element ref="MaxAxleWeight" minOccurs="0"/&gt;     &lt;xs:element ref="BrakeType" minOccurs="0"/&gt;     &lt;xs:element ref="BrakeWeight" minOccurs="0"/&gt;     &lt;xs:element ref="NumberOfVehicles" minOccurs="0"/&gt;     &lt;xs:element ref="NumberOfAxes" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;         </pre>
--	---

element **TrainStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
used by	element <a href="#">TrainReadyMessage</a>
annotation	documentation The Date and Time at which the train actually started the journey
source	<pre> &lt;xs:element name="TrainStartTime" type="xs:dateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The Date and Time at which the train actually started the journey&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>

element **TrainWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <a href="#">WeightValueTonne</a>									
properties	content simple									
used by	elements <a href="#">PlannedTrainTechnicalData</a> <a href="#">TrainRunningTechData</a>									
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 The sum of all weights of wagons and traction units
source	<pre> &lt;xs:element name="TrainWeight"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The sum of all weights of wagons and traction units&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="WeightValueTonne"&gt;       &lt;xs:maxInclusive value="99999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **TransfereeIM**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">CompanyCode</a>												
properties	content simple												
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>												
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> &lt;xs:element name="TransfereeIM" type="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Next IM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>												

element **TransferPoint**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">LocationIdent</a>
properties	content complex
children	<a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a>
used by	elements <a href="#">ChangeofTrackMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainDelayCauseMessage</a> <a href="#">TrainJourneyModificationMessage</a> <a href="#">TrainReadyMessage</a> <a href="#">TrainRunningForecastMessage</a> <a href="#">TrainRunningInformationMessage</a> <a href="#">TrainRunningInterruptionMessage</a>
annotation	documentation Transfer point or station of destination in the considered network
source	<pre>&lt;xs:element name="TransferPoint" type="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Transfer point or station of destination in the considered network&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TransportInstruction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">FreeText</a>
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Special instructions regarding the transportation of the wagon or shipment in free text
source	<pre>&lt;xs:element name="TransportInstruction" type="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Special instructions regarding the transportation of the wagon or shipment in free text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TransportOperationalIdentifiers**

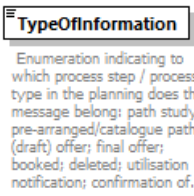
<p>diagram</p>	<p>The diagram shows a class <b>TransportOperationalIdentifiers</b> extending the class <b>CompositIdentifierOperationalType</b> (indicated by a dashed box). The extension includes several sub-elements:</p> <ul style="list-style-type: none"> <li><b>ObjectType</b>: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)</li> <li><b>Compa...</b>: Identifies a railway company (RU or IM)</li> <li><b>Core</b>: It is the main part of identifier and is determent by the company that creates it.</li> <li><b>Variant</b>: The variant shows a relationship between two identifiers referring to the same business case</li> <li><b>TimetableYear</b>: Refers to the timetable period in which the business will be carried out</li> <li><b>StartDate</b>: Is only used in the operational phase and refers to the date where the single train will start the train journey</li> </ul>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>type</p>	<p>extension of <a href="#">CompositIdentifierOperationalType</a></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>elements <a href="#">ErrorMessage</a> <a href="#">TrainCompositionMessage</a> <a href="#">TrainOperationalIdentification</a> <a href="#">TrainReadyMessage</a></p>
<p>source</p>	<pre>&lt;xs:element name="TransportOperationalIdentifiers"&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="CompositIdentifierOperationalType"/&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TypeOfIMHarmonization**

<p>diagram</p>	<p>The diagram shows an enumeration <b>TypeOfIMHarmonization</b> with the description "Enumeration of Type of IM harmonization: Full, ...".</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>type</p>	<p><b>TypeOfIMHarmonizationCode</b></p>
<p>properties</p>	<p>content simple</p>
<p>used by</p>	<p>elements <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a></p>

facets	<table> <tr> <td>Kind</td> <td>enumeration</td> <td>Value</td> <td>Full</td> <td>Annotation</td> <td></td> </tr> <tr> <td></td> <td>enumeration</td> <td>Value</td> <td>Part</td> <td>Annotation</td> <td></td> </tr> </table>	Kind	enumeration	Value	Full	Annotation			enumeration	Value	Part	Annotation	
Kind	enumeration	Value	Full	Annotation									
	enumeration	Value	Part	Annotation									
annotation	<p>documentation</p> <p>Enumeration of Type of IM harmonization: Full, Part</p>												
source	<pre>&lt;xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Enumeration of Type of IM harmonization: Full, Part   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **TypeOfInformation**

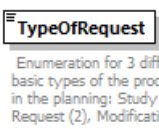
diagram																																																																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																				
type	<b>TypeOfInformationCode</b>																																																																				
properties	content simple																																																																				
used by	<p>elements</p> <p><a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a></p>																																																																				
facets	<table> <tr> <td>Kind</td> <td>enumeration</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td></td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> <td>documentation harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> <td>documentation harmonisation - accepted</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> <td>documentation harmonisation - rejected</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> <td>documentation Request ready</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> <td>documentation path study request</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> <td>documentation pre-arranged path/reserve capacity</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td></td> <td>documentation create offer</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td></td> <td>documentation coordination update</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td></td> <td>documentation draft offer</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td></td> <td>documentation draft alternative offer</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td></td> <td>documentation observation - in process</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td></td> <td>documentation observation - complete</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td></td> <td>documentation preparation of final offer - in process</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> <td>documentation</td> </tr> </table>	Kind	enumeration	Value	Annotation	minInclusive		0		maxInclusive		99		enumeration	1		documentation harmonisation - in process	enumeration	2		documentation harmonisation - accepted	enumeration	3		documentation harmonisation - rejected	enumeration	4		documentation Request ready	enumeration	5		documentation path study request	enumeration	6		documentation pre-arranged path/reserve capacity	enumeration	7		documentation create offer	enumeration	8		documentation coordination update	enumeration	9		documentation draft offer	enumeration	10		documentation draft alternative offer	enumeration	11		documentation observation - in process	enumeration	12		documentation observation - complete	enumeration	13		documentation preparation of final offer - in process	enumeration	14		documentation
Kind	enumeration	Value	Annotation																																																																		
minInclusive		0																																																																			
maxInclusive		99																																																																			
enumeration	1		documentation harmonisation - in process																																																																		
enumeration	2		documentation harmonisation - accepted																																																																		
enumeration	3		documentation harmonisation - rejected																																																																		
enumeration	4		documentation Request ready																																																																		
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enumeration	7		documentation create offer																																																																		
enumeration	8		documentation coordination update																																																																		
enumeration	9		documentation draft offer																																																																		
enumeration	10		documentation draft alternative offer																																																																		
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enumeration	12		documentation observation - complete																																																																		
enumeration	13		documentation preparation of final offer - in process																																																																		
enumeration	14		documentation																																																																		



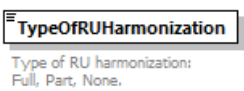
	enumeration	15	preparation of final offer - accepted documentation
	enumeration	16	preparation of final offer - rejected documentation
	enumeration	17	final offer documentation
	enumeration	18	final offer - accepted documentation
	enumeration	19	alternative offer accepted documentation
	enumeration	20	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
	enumeration	44	Preparation of draft offer – rejected documentation
	enumeration	45	Draft offer rejected documentation
	enumeration	50	Draft no alternative available documentation
	enumeration	51	activate path (utilisation notification) documentation
	enumeration	52	deactivate path (utilisation notification) documentation
	enumeration	53	confirmation of utilisation notification documentation
	enumeration	65	Path and train cancelled documentation
	enumeration	66	Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) documentation
	enumeration		Booked after route update (used in PathDetailsMessage)
annotation	documentation		Enumeration indicating to which process step / process type in the planning does the message belong: path study;

	pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation
source	<pre>&lt;xs:element name="TypeOfInformation" type="TypeOfInformationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; 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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **TypeOfRequest**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	<b>TypeOfRequestCode</b>															
properties	content simple															
used by	elements <a href="#">PathCanceledMessage</a> <a href="#">PathConfirmedMessage</a> <a href="#">PathDetailsMessage</a> <a href="#">PathDetailsRefusedMessage</a> <a href="#">PathNotAvailableMessage</a> <a href="#">PathRequestMessage</a> <a href="#">ReceiptConfirmationMessage</a>															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></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		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
minInclusive	1															
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>&lt;xs:element name="TypeOfRequest" type="TypeOfRequestCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>															

### element **TypeOfRUHarmonization**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<b>TypeOfRUHarmonizationCode</b>						
properties	content simple						
used by	elements <a href="#">PathDetailsMessage</a> <a href="#">PathRequestMessage</a>						
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> </tbody> </table>	Kind	Value	Annotation	enumeration	Full	
Kind	Value	Annotation					
enumeration	Full						

	enumeration Part enumeration None
annotation	documentation Type of RU harmonization: Full, Part, None.
source	<pre>&lt;xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of RU harmonization: Full, Part, None.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **TypeofService**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">SpecialServiceDescriptionCode</a> <a href="#">FacilityTypeDescriptionCode</a> <a href="#">CharacteristicDescriptionCode</a>
used by	element <a href="#">PlannedTrainData</a>
annotation	documentation Information about the services available on a train. Used for publication towards the passenger
source	<pre>&lt;xs:element name="TypeofService"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Information about the services available on a train. Used for publication towards the passenger&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element type="tap:type7161CodeList" name="SpecialServiceDescriptionCode" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element type="tap:type9039CodeList" name="FacilityTypeDescriptionCode" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;xs:element type="tap:type7037CodeList" name="CharacteristicDescriptionCode" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **TypeofService/SpecialServiceDescriptionCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

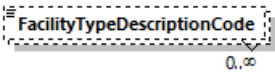
type	<b>type7161CodeList</b>		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	3	
	enumeration	00	documentation <b>Alternative service</b> documentation The journey planner algorithm should look for an alternative Service documentation 0
	enumeration	3	documentation <b>Additional loading</b> documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	4	documentation <b>Additional unloading</b> documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	5	documentation <b>Breakfast</b> documentation <b>Breakfast</b> documentation 0
	enumeration	6	documentation <b>Dinner</b> documentation <b>Dinner</b> documentation 0
	enumeration	7	documentation <b>Loading</b> documentation Loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	8	documentation <b>Lunch</b> documentation <b>Lunch</b> documentation 0
	enumeration	9	documentation <b>Unloading</b> documentation Unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	11	documentation <b>Child</b> documentation Services for children documentation 0
	enumeration	21	documentation <b>Cold buffet</b> documentation

			Cold buffet service documentation 0
enumeration	22	documentation	Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
enumeration	23	documentation	Hot buffet documentation Hot buffet service documentation 0
enumeration	24	documentation	Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
enumeration	25	documentation	Trolley documentation Trolley service (beverage and food cart) documentation 0
enumeration	26	documentation	Snack documentation Snack documentation 0
enumeration	27	documentation	Disabled documentation Services for disabled persons documentation 0
enumeration	28	documentation	Movies documentation Movies documentation 0
enumeration	29	documentation	Business documentation Services for business people documentation 0
enumeration	30	documentation	Nursery documentation Nursery service documentation 0
enumeration	31	documentation	Buffet documentation Buffet documentation 0
enumeration	32	documentation	documentation

		Special services for military documentation
		Special services for army families documentation
enumeration	33	0 documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation
enumeration	34	0 documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation
enumeration	35	0 documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation
enumeration	36	0 documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation
enumeration	37	0 documentation Postal services documentation Postal services available documentation
enumeration	38	0 documentation Meal at the seat documentation Meal is provided at the seat documentation
enumeration	39	0 documentation Self service documentation Self service meals documentation
enumeration	40	0 documentation Overnight stay documentation Overnight stay possible on board documentation
enumeration	41	0 documentation Luggage transport documentation Luggage transport offered documentation
enumeration	42	0 documentation Luggage transport excluded documentation Luggage transport is not offered documentation

	enumeration 43	0 documentation Music documentation Music documentation 0
	enumeration 44	documentation Check-in documentation Time at which the traveller checks in documentation 0
	enumeration 45	documentation Check-out documentation Time at which the traveller checks out documentation 0
	enumeration 46	documentation Free WiFi on board documentation Free WiFi service on board available documentation 0
	enumeration 47	documentation WiFi on board documentation WiFi service on board available documentation 0
	enumeration 48	documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0
source	<pre>&lt;xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;</pre>	

element **TypeofService/FacilityTypeDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>type9039CodeList</b>		
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
enumeration	4	0 documentation First-class seats documentation First-class seats documentation
enumeration	5	0 documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation
enumeration	6	0 documentation First-class couchettes documentation First-class couchettes documentation
enumeration	7	0 documentation Second-class couchettes documentation Second-class couchettes documentation
enumeration	8	0 documentation Sleeperette documentation Sleeperette or reclining seat documentation
enumeration	9	0 documentation Restaurant documentation Restaurant facility documentation
enumeration	11	0 documentation First-class sleeper, single documentation First-class sleeper, single documentation
enumeration	12	0 documentation First-class sleeper, special documentation First-class sleeper, special documentation
enumeration	13	0 documentation First-class sleeper, double documentation First-class sleeper, double documentation
enumeration	14	0 documentation Vehicle transport documentation



		Facilities for vehicle transport etc. Not bicycles. documentation
enumeration	15	Cars, boats, trailers, motorbikes, documentation 0 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 0
enumeration	24	documentation Baby room documentation Baby care facilities available documentation 0
enumeration	26	documentation Bicycle transport documentation Facility for bicycle transport available documentation 0
enumeration	28	documentation Wheelchair access documentation Access for wheelchairs possible documentation

	enumeration	33	0 documentation Video coach documentation Video coach available documentation 0
	enumeration	34	documentation Mini-bar documentation Mini-bar available documentation 0
	enumeration	36	documentation Panorama coach documentation Panorama coach available documentation 0
	enumeration	44	documentation Telephone documentation Telephone service is available documentation 0
	enumeration	45	documentation Power supply documentation Service provides power supply sockets documentation 0
	enumeration	46	documentation Pullmann coach documentation Pullman car seats documentation 0
	enumeration	47	documentation Bar documentation A bar is available documentation 0
	enumeration	48	documentation Family compartment documentation Family compartment(s) available documentation 0
	enumeration	50	documentation Buffet machine documentation Buffet machine available documentation 0
	enumeration	54	documentation Premium class documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0
	enumeration	55	documentation

		<p>Preferente documentation</p> <p>Spanish first class on long distance trains documentation</p> <p>RENFE documentation</p> <p>0</p>
enumeration	56	<p>documentation</p> <p>Turista documentation</p> <p>Spanish second class on long distance trains documentation</p> <p>RENFE documentation</p> <p>0</p>
enumeration	57	<p>documentation</p> <p>First-class sleeper, single, shower, WC documentation</p> <p>First-class sleeper, single with shower and WC documentation</p> <p>RENFE documentation</p> <p>0</p>
enumeration	58	<p>documentation</p> <p>First-class sleeper, double shower, WC documentation</p> <p>First-class sleeper, double with shower and WC documentation</p> <p>RENFE documentation</p> <p>0</p>
enumeration	59	<p>documentation</p> <p>Second class sleeper, T3, shower, WC documentation</p> <p>Second class sleeper, T3, shower, WC documentation</p> <p>0</p>
enumeration	60	<p>documentation</p> <p>Second class sleeper double documentation</p> <p>Second class sleeper for two documentation</p> <p>0</p>
enumeration	61	<p>documentation</p> <p>Second class sleeper double shower/toilets documentation</p> <p>Second class sleeper for two with shower and toilets documentation</p> <p>0</p>
enumeration	62	<p>documentation</p> <p>Second-class, couchette, two-bed, C2 documentation</p> <p>Second class compartment with 2 couchettes documentation</p> <p>0</p>
enumeration	63	<p>documentation</p> <p>Second-class, couchette, four-bed, C4 documentation</p> <p>Second class compartment with 4 couchettes documentation</p> <p>0</p>
enumeration	64	<p>documentation</p> <p>Second-class, couchette, six-bed, C6 documentation</p>

			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 Unified class documentation For services with no class differentiation. A service with only one class documentation UIC documentation 0
enumeration	71		documentation Medical-grade masks documentation Medical-grade masks must be worn documentation 0
enumeration	72		documentation Mask obligation according to legal regulation documentation Mask obligation according to legal regulation documentation 0
enumeration	101		documentation Metro connection documentation

	<p>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> <p>enumeration 106 documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation 1</p> <p>enumeration 107 documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet together with dedicated space for wheelchair documentation 1</p>
source	<pre>&lt;xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;</pre>

element **TypeofService/CharacteristicDescriptionCode**


diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>type7037CodeList</b>		
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
enumeration	19	0 documentation
		No reservation documentation
		Reservation is not possible documentation
enumeration	20	0 documentation
		Reservation in first class only documentation
		Reservation is only possible in first documentation
enumeration	21	0 documentation
		Reservation compulsory from origin station documentation
		Reservation compulsory from origin station documentation
enumeration	22	0 documentation
		Reservation allowed for certain classes/products documentation
		Reservation possible for some booking classes/products documentation
enumeration	23	0 documentation
		Reservation in second class only documentation
		Reservation is only possible in second class. documentation
enumeration	24	0 documentation
		Not available documentation
		The product is not available documentation
enumeration	25	0 documentation
		Non-bookable documentation
		The product is not bookable documentation
enumeration	26	0 documentation
		Bookable through an international reservation system documentation
		Bookable through an international reservation system documentation
enumeration	27	0 documentation
		Bookable through a national reservation system documentation
		Bookable through a national reservation system documentation
enumeration	28	0 documentation
		Bookable manually on the RU selling point documentation
		Bookable manually on the RU selling point documentation

	0
source	<pre>&lt;xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/&gt;</pre>

### element **UltimateDestinationCountry**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">CountryIdentISO</a>									
properties	content simple									
used by	element <a href="#">ITU Details</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country of Ultimate Destination									
source	<pre>&lt;xs:element name="UltimateDestinationCountry" type="CountryIdentISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Country of Ultimate Destination&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>									

### element **UN\_Number**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	content simple									
used by	element <a href="#">SummaryOFGoodsWithSameRID</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".									
source	<pre>&lt;xs:element name="UN_Number" type="UN_Number" &gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration</pre>									



	<p>of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .&lt;/xs:documentation&gt;</p> <pre> &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

element **ValidityPeriod**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">StartDateTime</a> <a href="#">EndDateTime</a>
used by	elements <a href="#">PlannedCalendar</a> <a href="#">ReferenceTrainIDSubCalendar</a> <a href="#">RequestedCalendar</a>
source	<pre> &lt;xs:element name="ValidityPeriod"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="StartDateTime"/&gt;       &lt;xs:element ref="EndDateTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **Value**

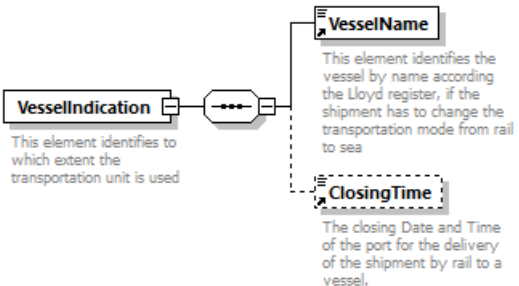
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:decimal</b>												
properties	content simple												
used by	elements <a href="#">Height</a> <a href="#">Length</a> <a href="#">Width</a>												
facets	<table border="1"> <thead> <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> &lt;xs:element name="Value"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:fractionDigits value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

	<pre> &lt;xs:maxInclusive value="999999999"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>
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**element Variant**

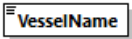
diagram	 <p>The variant shows a relationship between two identifiers referring to the same business case</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:string</b>												
properties	content simple												
used by	complexTypes <a href="#">CompositIdentifierOperationalType</a> <a href="#">CompositIdentifierPlannedType</a>												
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> &lt;xs:element name="Variant"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The variant shows a relationship between two identifiers referring to the same business case&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="2"/&gt;       &lt;xs:pattern value="[0-9A-Z]{2}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>												

**element VesselIndication**


diagram	 <p><b>VesselIndication</b> This element identifies to which extent the transportation unit is used</p> <p><b>VesselName</b> This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p> <p><b>ClosingTime</b> The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">VesselName</a> <a href="#">ClosingTime</a>

used by	elements <a href="#">WIMO Dataset/EventLevelData Ship</a>
annotation	documentation This element identifies to which extent the transportation unit is used
source	<pre> &lt;xs:element name="VesselIndication"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies to which extent the transportation unit is used&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="VesselName"/&gt;       &lt;xs:element ref="ClosingTime" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

### element **VesselName**

diagram	 <p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p>						
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>						
type	<a href="#">Name</a>						
properties	content simple						
used by	element <a href="#">VesselIndication</a>						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>254</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	documentation This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea						
source	<pre> &lt;xs:element name="VesselName" type="Name"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>						

### element **Volume**

diagram	 <p>Identifies the volume of a shipment, expressed in cubic metres</p>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
type	<a href="#">VolumeValue</a>
properties	content simple

annotation	documentation Identifies the volume of a shipment, expressed in cubic metres
source	<pre>&lt;xs:element name="Volume" type="VolumeValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the volume of a shipment, expressed in cubic metres&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **WagonArrivalNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">ArrivalAtDestination</a>
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>&lt;xs:element name="WagonArrivalNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="ArrivalAtDestination"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonAtDeparture**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a>
used by	element <a href="#">WagonDepartureNoticeMessage</a>
annotation	documentation Departure point of a wagon with location and departure time
source	<pre> &lt;xs:element name="WagonAtDeparture"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Departure point of a wagon with location and departure time&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="DepartureTimeAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">WagonTrainPosition</a> <a href="#">WagonOperationalData</a> <a href="#">WagonTechData</a>
used by	element <a href="#">TrainCompositionJourneySection</a>

annotation	documentation Wagon relevant data for the wagons within a running train
source	<pre> &lt;xs:element name="WagonData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Wagon relevant data for the wagons within a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="WagonTrainPosition"/&gt;       &lt;xs:element ref="WagonOperationalData"/&gt;       &lt;xs:element ref="WagonTechData"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonDeliveryNoticeMessage**

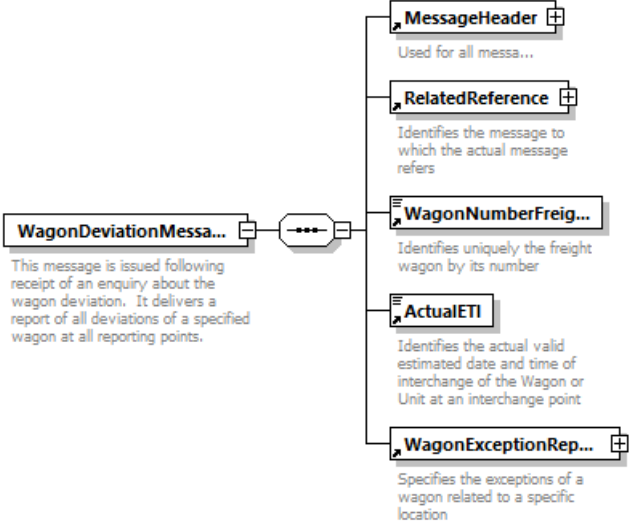
diagram	<p>The diagram illustrates the structure of the <b>WagonDeliveryNoticeMessage</b> element. It is a complex type containing a sequence of four elements: <b>MessageHeader</b>, <b>WagonInformation</b>, <b>DeliveryAtDestination</b>, and <b>Customers</b>. <b>MessageHeader</b> is used for all messages. <b>WagonInformation</b> contains unique wagon numbers, transportation units, capacity, and weight. <b>DeliveryAtDestination</b> indicates the place, date, and time for pickup. <b>Customers</b> provides information about the consignor and consignee. The diagram uses solid lines for required elements and dashed lines for optional ones.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">DeliveryAtDestination</a> <a href="#">Customers</a>
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.
source	<pre> &lt;xs:element name="WagonDeliveryNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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          siding.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="DeliveryAtDestination"/&gt;       &lt;xs:element ref="Customers" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

	<pre>&lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
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element **WagonDepartureNoticeMessage**

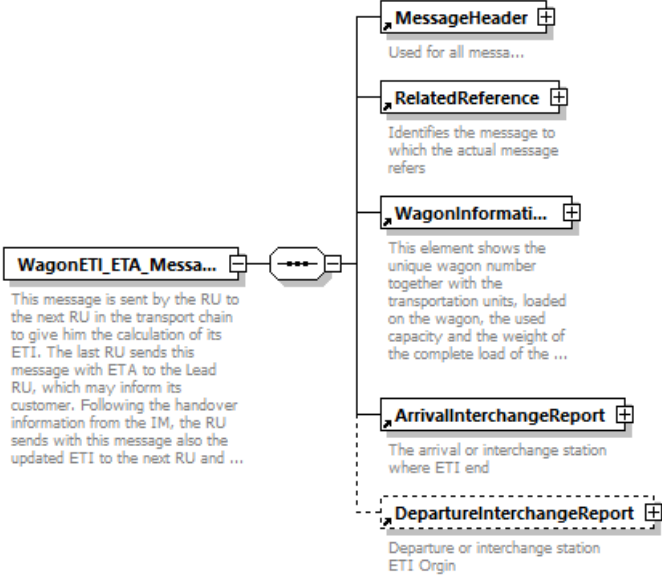
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">RelatedReference</a> <a href="#">WagonInformation</a> <a href="#">Customers</a> <a href="#">WagonAtDeparture</a>
annotation	<p>documentation</p> <p>This message 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>
source	<pre>&lt;xs:element name="WagonDepartureNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RelatedReference" minOccurs="0"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="Customers" minOccurs="0"/&gt;       &lt;xs:element ref="WagonAtDeparture"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonDeviationMessage**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">RelatedReference</a> <a href="#">WagonNumberFreight</a> <a href="#">ActualETI</a> <a href="#">WagonExceptionReport</a></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> &lt;xs:element name="WagonDeviationMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RelatedReference"/&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="ActualETI"/&gt;       &lt;xs:element ref="WagonExceptionReport"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>



element **WagonETI\_ETA\_Message**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">RelatedReference</a> <a href="#">WagonInformation</a> <a href="#">ArrivalInterchangeReport</a> <a href="#">DepartureInterchangeReport</a></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>&lt;xs:element name="WagonETI_ETA_Message"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="RelatedReference"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="ArrivalInterchangeReport"/&gt;       &lt;xs:element ref="DepartureInterchangeReport" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonEventInformation**


diagram	<p>This is a WIMO element that is derived from the Wagon Release Notice and Event Me...</p> <p>Identifies a Location using a LocationIdent</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">WagonEvent</a> <a href="#">EventDateTime</a> <a href="#">Location</a>
used by	element <a href="#">WIMO Dataset/EventLevelData</a>
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages
source	<pre> &lt;xs:element name="WagonEventInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This is a WIMO element that is derived from the Wagon Release Notice and Event Messages&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="WagonEvent"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:enumeration value="Release"/&gt;             &lt;xs:enumeration value="Arrival"/&gt;             &lt;xs:enumeration value="Departure"/&gt;             &lt;xs:enumeration value="Exception"/&gt;             &lt;xs:enumeration value="Delivery"/&gt;             &lt;xs:enumeration value="InterchangeDelivery"/&gt;             &lt;xs:enumeration value="InterchangeReceipt"/&gt;             &lt;xs:enumeration value="YardDeparture"/&gt;             &lt;xs:enumeration value="YardArrival"/&gt;             &lt;xs:enumeration value="DeliveryConfirmation"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="EventDateTime" type="xs:dateTime"/&gt;       &lt;xs:element ref="Location"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonEventInformation/WagonEvent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:token</b>
properties	content simple
facets	Kind Value Annotation enumeration Release

	<p>enumeration Arrival</p> <p>enumeration Departure</p> <p>enumeration Exception</p> <p>enumeration Delivery</p> <p>enumeration InterchangeDelivery</p> <p>enumeration InterchangeReceipt</p> <p>enumeration YardDeparture</p> <p>enumeration YardArrival</p> <p>enumeration DeliveryConfirmation</p>
source	<pre> &lt;xs:element name="WagonEvent"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="Release"/&gt;       &lt;xs:enumeration value="Arrival"/&gt;       &lt;xs:enumeration value="Departure"/&gt;       &lt;xs:enumeration value="Exception"/&gt;       &lt;xs:enumeration value="Delivery"/&gt;       &lt;xs:enumeration value="InterchangeDelivery"/&gt;       &lt;xs:enumeration value="InterchangeReceipt"/&gt;       &lt;xs:enumeration value="YardDeparture"/&gt;       &lt;xs:enumeration value="YardArrival"/&gt;       &lt;xs:enumeration value="DeliveryConfirmation"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:dateTime</b>
properties	content simple
source	<pre>&lt;xs:element name="EventDateTime" type="xs:dateTime"/&gt;</pre>

element **WagonExceptionMessage**

<p>diagram</p>	<p><b>WagonExceptionMessa...</b> This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p> <p><b>MessageHeader</b> Used for all messa...</p> <p><b>WagonInformati...</b> 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 ...</p> <p><b>WagonExceptionRep...</b> Specifies the exceptions of a wagon related to a specific location</p> <p><b>DangerousGoodsIndicati...</b> Identifies dangerous go...</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">WagonExceptionReport</a> <a href="#">DangerousGoodsIndication</a></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>&lt;xs:element name="WagonExceptionMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="WagonExceptionReport"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonExceptionReasonMessage**

<p>diagram</p>	<p><b>WagonExceptionReasonMessa...</b> This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new E...</p> <p><b>MessageHeader</b> Used for all messa...</p> <p><b>WagonInformati...</b> 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 ...</p> <p><b>WagonExceptionRep...</b> Specifies the exceptions of a wagon related to a specific location</p> <p><b>DangerousGoodsIndicati...</b> Identifies dangerous go...</p>
----------------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">WagonExceptionReport</a> <a href="#">DangerousGoodsIndication</a>
annotation	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.
source	<pre> &lt;xs:element name="WagonExceptionReasonMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="WagonExceptionReport"/&gt;       &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonExceptionReport**

diagram	<p>The diagram shows a class <b>WagonExceptionReport</b> with a description: "Specifies the exceptions of a wagon related to a specific location". It contains a sequence of two elements: <b>ExceptionPoint</b> (described as "Describes the interruption points with location and the time of the interruption") and <b>ExceptionReason</b> (described as "Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description"). The <b>ExceptionReason</b> element has a cardinality of 0..∞.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">ExceptionPoint</a> <a href="#">ExceptionReason</a>
used by	elements <a href="#">WagonDeviationMessage</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a>
annotation	documentation Specifies the exceptions of a wagon related to a specific location
source	<pre> &lt;xs:element name="WagonExceptionReport"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies the exceptions of a wagon related to a specific location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="ExceptionPoint"/&gt;       &lt;xs:element ref="ExceptionReason" minOccurs="0" maxOccurs="unbounded"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonInformation**

diagram	<p>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 ...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">LoadingStatus</a> <a href="#">TotalWeight</a> <a href="#">GoodsInWagon</a>
used by	elements <a href="#">WIMO Dataset/ConsignmentLevelData</a> <a href="#">WagonArrivalNoticeMessage</a> <a href="#">WagonDeliveryNoticeMessage</a> <a href="#">WagonDepartureNoticeMessage</a> <a href="#">WagonETI ETA Message</a> <a href="#">WagonExceptionMessage</a> <a href="#">WagonExceptionReasonMessage</a> <a href="#">WagonReleaseNoticeMessage</a>
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>&lt;xs:element name="WagonInformation"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="LoadingStatus"/&gt;       &lt;xs:element ref="TotalWeight" minOccurs="0"/&gt;       &lt;xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

element **WagonLength**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:int</b>
properties	content simple
used by	element <a href="#">Wagons/WagonDetails/WagonTypeDetails</a>
facets	Kind Value Annotation

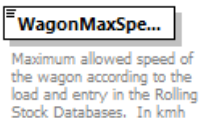
	minInclusive 1 maxInclusive 999999
annotation	documentation Length over buffers in cms
source	<pre> &lt;xs:element name="WagonLength"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Length over buffers in cms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **WagonLocationStatus**

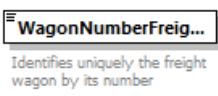
diagram																																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																															
type	<b>RunningStatus</b>																																																															
properties	content simple																																																															
used by	element <a href="#">ExceptionPoint</a>																																																															
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>&lt;xs:element name="WagonLocationStatus" type="RunningStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;identifies the status of a wagon, related to the actual time at a reporting point&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
--------	---

element **WagonMaxSpeed**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	element <a href="#">WagonOperationalData</a>									
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>&lt;xs:element name="WagonMaxSpeed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="001"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									


element **WagonNumberFreight**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	<a href="#">WagonIdent</a>						
properties	content simple						
used by	elements <a href="#">RollingStockDataset/AdministrativeDataSet</a> <a href="#">AlertMessage</a> <a href="#">RollingStockDatasetMessage/RefusedWagonNumbers</a> <a href="#">RollingStockDatasetQueryMessage</a> <a href="#">WagonData</a> <a href="#">WagonDeviationMessage</a> <a href="#">WagonInformation</a> <a href="#">Wagons</a> <a href="#">WagonYardArrivalMessage</a> <a href="#">WagonYardDepartureMessage</a>						
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> </tbody> </table>	Kind	Value	Annotation	maxLength	12	
Kind	Value	Annotation					
maxLength	12						



	pattern [0-9]{12}
annotation	documentation Identifies uniquely the freight wagon by its number
source	<pre>&lt;xs:element name="WagonNumberFreight" type="WagonIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies uniquely the freight wagon by its number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **WagonNumberOfAxles**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:int</b>									
properties	content simple									
used by	elements <a href="#">RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails</a>									
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>&lt;xs:element name="WagonNumberOfAxles"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of Axels for a wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int"&gt;       &lt;xs:minInclusive value="2"/&gt;       &lt;xs:maxInclusive value="99"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

element **WagonOperationalData**

<p>diagram</p>	<pre> &lt;&lt;BrakeType&gt;&gt; Type of braking system. Railway brake types: 0 = 0: "Gaulis" for freight services with slow application and release times 1 = 1: "Transfer" for passenger and freight services with quick application and release times. 2 = 2: An indication that brake system of the freight wagon out of order (specially contract). Additionally, 3 cannot be used in Europe. 3 = 3: A subdivision brake position of brake mode ("P" for road (regime)) services with high brake performance. 4 = 4+E: brake position 0 with additional brake-electrodynamic brake 5 = 5+E: brake position 0 with additional brake-hydrodynamic brake 6 = 6+E: brake position 0 with additional brake-electrodynamic brake 7 = 7+E: brake position 0 with additional brake-hydrodynamic brake 8 = 8+E: brake position 0 with additional brake-electrodynamic brake 9 = 9+E: brake position 0 with additional brake-hydrodynamic brake 10 = 10+E: brake position 0 with additional brake-electrodynamic brake 11 = 11+E: brake position 0 with additional brake-hydrodynamic brake 12 = 12+E: brake position 0 with additional brake-electrodynamic brake 13 = 13+E: brake position 0 with additional brake-hydrodynamic brake 14 = 14+E: brake position 0 with additional brake-electrodynamic brake and magnetic track brake 15 = 15+E: brake position 0 with additional brake-electrodynamic brake and safety system brake ...  &lt;&lt;BrakeWeight&gt;&gt; Shows the brake mass of the wagon according to the type of the braking system in Tonne.  &lt;&lt;WagonMaxSpe...&gt;&gt; Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Database. In km/h.  &lt;&lt;ExceptionalGaugingProfil...&gt;&gt; Identification of special rail Coding found in 604-2 chapter 4.3.1 (4.3.1 + 10).  &lt;&lt;ExceptionalGaugingIdent...&gt;&gt; Indicates that an exceptional Gauging is in the train or for the wagon.  &lt;&lt;DangerousGoodsDetails...&gt;&gt; 0..99  &lt;&lt;InfoOnGoodsShapeTypeDange...&gt;&gt; 0..9 Additional certified information on the load. Coding structure as defined in 604-2 chapter 4.1. Calls to add are given in the table below: 96: Electronically hazardous 97: More than 8 tons of dangerous goods packaged in limited quantity (LQ) The following documentation serves for the existing codes: 1: Container 2: Other international traffic 3: Rolling stock (RS) 4: Semi-trailer on bogies 17: 1: danger of explosion (substances 1.1, 1.2, 1.3) 14: 1.4: danger of explosion 15: 1.5: danger of explosion 16: 1.6: danger of explosion 18: 1.8: 1.8: 1.8 21: 2.1: inflammable gases 22: 2.2: non inflammable, non-oxid. gases 23: 2.3: toxic gases 30: 3: fire hazard (Inflammable liquids) 45: 4.1: fire hazard (Inflammable solids) 46: 4.2: spontaneously inflammable 47: 4.3: gives off inflammable gas when in contact with water 51: 5.1: combustible substance 52: 5.2: organic peroxide 61: 6.1: toxic substance 62: 6.2: infectious substance 75: 7.5: radioactive substance in category I packing (except 7A, 7B) 76: 7.6: radioactive substance in category II packing (except 7A, 7B) 77: 7.7: radioactive substance in category III packing (except 7A, 7B) 78: 7.8: 7.8 79: 7.9: 7.9 80: 8: flammable substance 81: 8: corrosive substance 90: Various dangerous substance and objects not covered by the other classes 98: Livestock 99: Perishables ...  &lt;&lt;RestrictionsDueToLoadOrDamage...&gt;&gt; 0..9 These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding on Railwagon Code (according to UIC Leaflet 820-13)  &lt;&lt;TotalLoadWeight&gt;&gt; The total weight of the freight wagon in the freight wagon, including the weight of the freight wagon and the weight of the freight wagon.     </pre>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><b>BrakeType</b> <b>BrakeWeight</b> <b>WagonMaxSpeed</b> <b>ExceptionalGaugingProfile</b> <b>ExceptionalGaugingIdent</b> <b>DangerousGoodsDetails</b> <b>InfoOnGoodsShapeTypeDanger</b> <b>RestrictionsDueToLoadOrDamage</b> <b>TotalLoadWeight</b></p>
<p>used by</p>	<p>element <b>WagonData</b></p>
<p>annotation</p>	<p>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.</p>
<p>source</p>	<pre> &lt;&lt;xs:element   &lt;&lt;xs:annotation&gt;   &lt;&lt;xs:documentation&gt;Actual wagon parameters, dependent on load or damage.   This group and its elements are optional (contract defines what IM requires).     </pre>

```

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>
  
```

element **WagonOperationalData/DangerousGoodsDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 99 content complex
children	<a href="#">DangerousGoodsIndication</a> <a href="#">WeightOfDangerousGoods</a>
source	<pre> &lt;xs:element name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       </pre>

	<pre> &lt;xs:element          ref="DangerousGoodsIndication"          minOccurs="0"/&gt; &lt;xs:element          name="WeightOfDangerousGoods"          minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Requested by RID specification, weight in kilograms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction          base="xs:decimal"&gt;       &lt;xs:minInclusive          value="0"/&gt;       &lt;xs:maxInclusive          value="999999"/&gt;       &lt;xs:totalDigits          value="6"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
--	--

element **WagonOperationalData/DangerousGoodsDetails/WeightOfDangerousGoods**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:decimal</b>												
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> &lt;xs:element          name="WeightOfDangerousGoods"          minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Requested by RID specification, weight in kilograms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction          base="xs:decimal"&gt;       &lt;xs:minInclusive          value="0"/&gt;       &lt;xs:maxInclusive          value="999999"/&gt;       &lt;xs:totalDigits          value="6"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

element **WagonPickupAtOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a>
used by	element <a href="#">WagonReleaseNoticeMessage</a>
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> &lt;xs:element name="WagonPickupAtOrigin"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="DepartureTimeAtLocation"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WagonReleaseNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonInformation</a> <a href="#">Customers</a> <a href="#">WagonPickupAtOrigin</a>
annotation	documentation This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform

	the RU in charge that the wagon is ready to be pulled.
source	<pre> &lt;xs:element name="WagonReleaseNoticeMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonInformation"/&gt;       &lt;xs:element ref="Customers" minOccurs="0"/&gt;       &lt;xs:element ref="WagonPickupAtOrigin"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **Wagons**

diagram	<p>The diagram illustrates the structure of the 'Wagons' element. It is a complex type containing several child elements:</p> <ul style="list-style-type: none"> <li><b>WagonNumberFreight</b>: Identifies uniquely the freight wagon by its number. Occurs 1 time.</li> <li><b>WagonDetails</b>: Details for the specific wagon. Occurs 1 time. It contains: <ul style="list-style-type: none"> <li><b>LoadingTackles</b>: Describes the loading tackles used inside the wagon. Occurs 0..99 times.</li> <li><b>Goods</b>: Describes the goods inside the means of transport. Occurs 1..99 times.</li> </ul> </li> <li><b>SummaryOfGoodsWithSameRID</b>: This element is only in use if the consignment includes more than one good with the same UN-Number in a packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here. Occurs 0..25 times. It contains: <ul style="list-style-type: none"> <li><b>ITU</b>: Describes the type and content of an IntermodalTransport... Occurs 1..25 times.</li> <li><b>RollingRoadUnit</b>: Describes the type and content of a Rolling road ... Occurs 1..5 times.</li> </ul> </li> </ul>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">WagonNumberFreight</a> <a href="#">WagonDetails</a> <a href="#">SummaryOfGoodsWithSameRID</a> <a href="#">LoadingTackles</a> <a href="#">Goods</a> <a href="#">ITU</a> <a href="#">RollingRoadUnit</a>
used by	element <a href="#">ConsignmentOrderMessage/COMS/COM</a>
annotation	documentation

<p>source</p>	<p>Content of the wagon</p> <pre> &lt;xs:element name="Wagons"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Content of the wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="WagonDetails"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Details for the specific wagon&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;           &lt;xs:complexType&gt;             &lt;xs:sequence&gt;               &lt;xs:element ref="LoadingStatus"/&gt;               &lt;xs:element name="WagonInfo" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                   &lt;xs:documentation&gt;Additional information, concerning the goods of the whole wagon.&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:simpleType&gt;                   &lt;xs:restriction base="xs:string"&gt;                     &lt;xs:maxLength value="500"/&gt;                     &lt;xs:minLength value="1"/&gt;                   &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;               &lt;/xs:element&gt;               &lt;xs:element name="WagonTypeDetails" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                   &lt;xs:documentation&gt;These elements are only needed, if the wagon has to be treated as CUV (empty wagon).&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:complexType&gt;                   &lt;xs:sequence&gt;                     &lt;xs:element ref="WagonWeightEmpty"/&gt;                     &lt;xs:element ref="WagonNumberOfAxles"/&gt;                     &lt;xs:element ref="WagonLength"/&gt;                   &lt;/xs:sequence&gt;                 &lt;/xs:complexType&gt;               &lt;/xs:element&gt;               &lt;xs:element ref="TotalWeight" minOccurs="0"/&gt;               &lt;xs:element name="LoadLimit" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                   &lt;xs:documentation&gt;Load limit from table of load limits in [t].&lt;/xs:documentation&gt;                 &lt;/xs:annotation&gt;                 &lt;xs:simpleType&gt;                   &lt;xs:restriction base="xs:decimal"&gt;                     &lt;xs:minInclusive value="0"/&gt;                     &lt;xs:totalDigits value="4"/&gt;                   &lt;/xs:restriction&gt;                 &lt;/xs:simpleType&gt;               &lt;/xs:element&gt;               &lt;xs:element ref="Seals" minOccurs="0"&gt;                 &lt;xs:annotation&gt;                   &lt;xs:documentation&gt;Describes the seals used for the </pre>
---------------	---

<p>consignment</p> <p>which shall be handed over to a ship.</p> <p>maxOccurs="10"</p> <p>Consignment</p> <p>exceptional</p> <p>chapter</p>	<pre> &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;   &lt;xs:element          ref="Ship"          minOccurs="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Additional information for transports, which shall be handed over to a ship.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;   &lt;xs:element          ref="DeliveryReference"      minOccurs="0"/&gt;   &lt;xs:element          ref="OriginCountry"         minOccurs="0"/&gt;   &lt;xs:element          name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Exceptional Consignment&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:complexType&gt;       &lt;xs:sequence&gt;         &lt;xs:element          ref="IM_Partner"/&gt;         &lt;xs:element          name="PermissionNumber"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Reference/permission number of the exceptional consignment.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;           &lt;xs:simpleType&gt;             &lt;xs:restriction          base="xs:string"&gt;               &lt;xs:minLength          value="1"/&gt;               &lt;xs:maxLength         value="24"/&gt;             &lt;/xs:restriction&gt;           &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;     &lt;/xs:complexType&gt;   &lt;/xs:element&gt;   &lt;xs:element          name="ShuntingModalLabel"      minOccurs="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Shunting modal label according to chapter 5.3.4 RID&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction          base="xs:token"&gt;         &lt;xs:enumeration          value="13"/&gt;         &lt;xs:enumeration          value="15"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt;   &lt;xs:element          ref="ReferenceNumbers"          minOccurs="0"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;   &lt;xs:element          ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/&gt;   &lt;xs:choice&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/&gt;       &lt;xs:element          ref="Goods"          maxOccurs="99"/&gt;     &lt;/xs:sequence&gt; </pre>
--	--



	<pre> &lt;xs:element ref="ITU" &lt;xs:element ref="RollingRoadUnit" &lt;/xs:choice&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>	<pre> maxOccurs="25"/&gt; maxOccurs="5"/&gt;                 </pre>
--	---	---

element **Wagons/WagonDetails**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
properties	content complex	
children	<a href="#">LoadingStatus</a> <a href="#">WagonInfo</a> <a href="#">WagonTypeDetails</a> <a href="#">TotalWeight</a> <a href="#">LoadLimit</a> <a href="#">Seals</a> <a href="#">Ship</a> <a href="#">DeliveryReference</a> <a href="#">OriginCountry</a> <a href="#">ExceptionalConsignment</a> <a href="#">ShuntingModalLabel</a> <a href="#">ReferenceNumbers</a>	


annotation	documentation Details for the specific wagon
source	<pre> &lt;xs:element name="WagonDetails"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Details for the specific wagon&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LoadingStatus"/&gt;       &lt;xs:element name="WagonInfo" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information, concerning the goods of the whole wagon. &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="500"/&gt;             &lt;xs:minLength value="1"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="WagonTypeDetails" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;These elements are only needed, if the wagon has to be treated as CUV (empty wagon).&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonWeightEmpty"/&gt;             &lt;xs:element ref="WagonNumberOfAxles"/&gt;             &lt;xs:element ref="WagonLength"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="TotalWeight" minOccurs="0"/&gt;       &lt;xs:element name="LoadLimit" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Load limit from table of load limits in [t].&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:decimal"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:totalDigits value="4"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Seals" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Describes the seals used for the consignment&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="Ship" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Additional information for transports, which shall be handed over to a ship.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

```

</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>

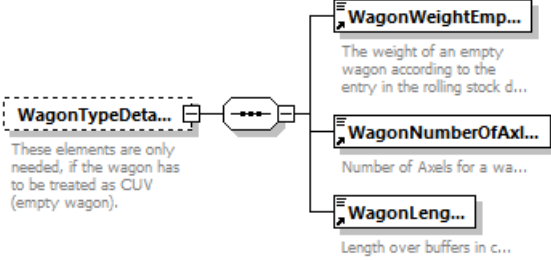
```

element **Wagons/WagonDetails/WagonInfo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 500
annotation	documentation Additional information, concerning the goods of the whole wagon.
source	<pre> &lt;xs:element name="WagonInfo" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Additional information, concerning the goods of the whole wagon.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="500"/&gt;       &lt;xs:minLength value="1"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **Wagons/WagonDetails/WagonTypeDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	<a href="#">WagonWeightEmpty</a> <a href="#">WagonNumberOfAxles</a> <a href="#">WagonLength</a>
annotation	documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon).
source	<pre> &lt;xs:element name="WagonTypeDetails" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;These elements are only needed, if the wagon has to be treated as CUV (empty wagon).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="WagonWeightEmpty"/&gt;       &lt;xs:element ref="WagonNumberOfAxles"/&gt;       &lt;xs:element ref="WagonLength"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **Wagons/WagonDetails/LoadLimit**

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

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:decimal</b>
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> &lt;xs:element name="LoadLimit" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Load limit from table of load limits in [t].&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:decimal"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:totalDigits value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

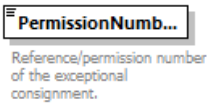
element **Wagons/WagonDetails/ExceptionalConsignment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 10 content complex
children	<b>IM_Partner</b> <b>PermissionNumber</b>
annotation	documentation Exceptional Consignment
source	<pre> &lt;xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Exceptional Consignment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="IM_Partner"/&gt;       &lt;xs:element name="PermissionNumber"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Reference/permission number of the exceptional consignment.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:minLength value="1"/&gt;             &lt;xs:maxLength value="24"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

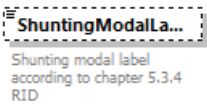
```

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

element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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> &lt;xs:element name="PermissionNumber"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference/permission number of the exceptional consignment.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="24"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;         </pre>									

element **Wagons/WagonDetails/ShuntingModalLabel**

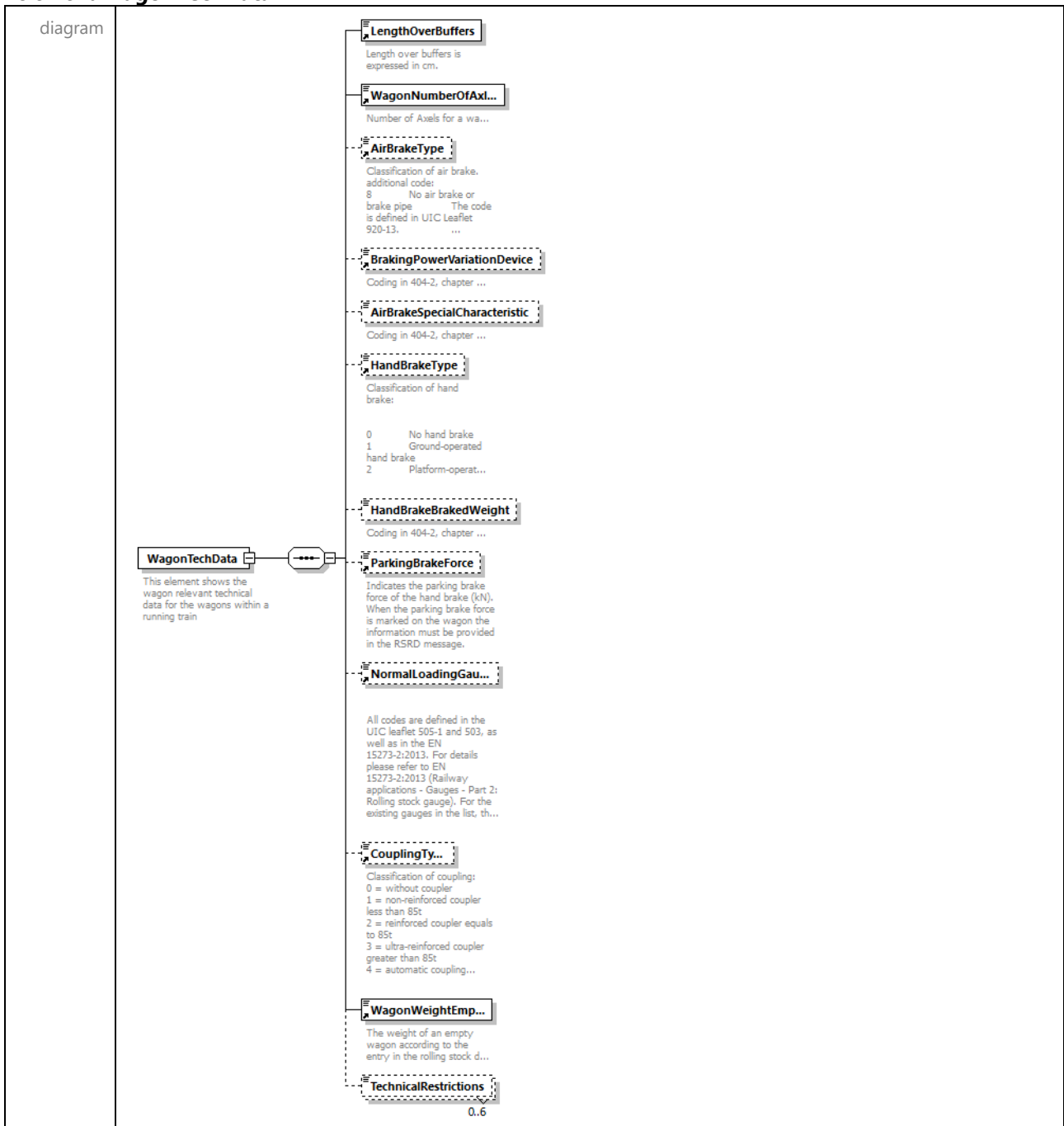
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:token</b>									
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>15</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	13		enumeration	15	
Kind	Value	Annotation								
enumeration	13									
enumeration	15									
annotation	documentation Shunting modal label according to chapter 5.3.4 RID									
source	<pre> &lt;xs:element name="ShuntingModalLabel" minOccurs="0"&gt;   &lt;xs:annotation&gt;         </pre>									

```

<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>

```


element **WagonTechData**



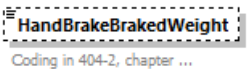
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">LengthOverBuffers</a> <a href="#">WagonNumberOfAxles</a> <a href="#">AirBrakeType</a> <a href="#">BrakingPowerVariationDevice</a> <a href="#">AirBrakeSpecialCharacteristic</a> <a href="#">HandBrakeType</a> <a href="#">HandBrakeBrakedWeight</a> <a href="#">ParkingBrakeForce</a> <a href="#">NormalLoadingGauge</a> <a href="#">CouplingType</a> <a href="#">WagonWeightEmpty</a> <a href="#">TechnicalRestrictions</a>
used by	element <a href="#">WagonData</a>
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train
source	<pre> &lt;xs:element name="WagonTechData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element shows the wagon relevant technical data for the wagons within a running train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="LengthOverBuffers"/&gt;       &lt;xs:element ref="WagonNumberOfAxles"/&gt;       &lt;xs:element ref="AirBrakeType" minOccurs="0"/&gt;       &lt;xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/&gt;       &lt;xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Coding in 404-2, chapter 1.8&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="0"/&gt;             &lt;xs:maxInclusive value="9"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="HandBrakeType" minOccurs="0"/&gt;       &lt;xs:element name="HandBrakeBrakedWeight" minOccurs="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Coding in 404-2, chapter 1.7 &lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:integer"&gt;             &lt;xs:minInclusive value="000"/&gt;             &lt;xs:maxInclusive value="999"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="ParkingBrakeForce" minOccurs="0"/&gt;       &lt;xs:element ref="NormalLoadingGauge" minOccurs="0"/&gt;       &lt;xs:element ref="CouplingType" minOccurs="0"/&gt;       &lt;xs:element ref="WagonWeightEmpty"/&gt;       &lt;xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>



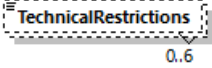
element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	 Coding in 404-2, chapter ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:integer</b>
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>&lt;xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coding in 404-2, chapter 1.8&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="9"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

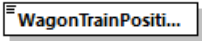
element **WagonTechData/HandBrakeBrakedWeight**

diagram	 Coding in 404-2, chapter ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:integer</b>
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>&lt;xs:element name="HandBrakeBrakedWeight" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coding in 404-2, chapter 1.7 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="000"/&gt;       &lt;xs:maxInclusive value="999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonTechData/TechnicalRestrictions**

diagram	 0..6
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">Numeric2-2</a>
properties	minOcc 0 maxOcc 6 content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre>&lt;xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/&gt;</pre>

element **WagonTrainPosition**

diagram	 Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:int</b>
properties	content simple
used by	element <a href="#">WagonData</a>
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>&lt;xs:element name="WagonTrainPosition"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:int" value="1"/&gt;     &lt;xs:restriction value="999"/&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **WagonWeightEmpty**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	<a href="#">WeightValueKilo</a>												
properties	content simple												
used by	elements <a href="#">RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails</a>												
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>&lt;xs:element name="WagonWeightEmpty" type="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The weight of an empty wagon according to the entry in the rolling stock database&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>												

element **WagonYardArrivalMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonNumberFreight</a> <a href="#">YardArrival</a>
annotation	documentation This message is used by the RU to inform the LRU that the wagon has arrived at its yard.
source	<pre>&lt;xs:element name="WagonYardArrivalMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU to inform the LRU that the wagon has arrived at its yard.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="YardArrival"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;</pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

element **WagonYardDepartureMessage**

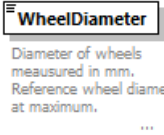
diagram	<p>The diagram shows a container box for <b>WagonYardDepartureMessage</b> with the text: "This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the ...". This container is connected to three sub-elements: <b>MessageHeader</b> (Used for all messa...), <b>WagonNumberFreight</b> (Identifies uniquely the freight wagon by its number), and <b>YardDeparture</b> (The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">MessageHeader</a> <a href="#">WagonNumberFreight</a> <a href="#">YardDeparture</a>
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> &lt;xs:element name="WagonYardDepartureMessage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="MessageHeader"/&gt;       &lt;xs:element ref="WagonNumberFreight"/&gt;       &lt;xs:element ref="YardDeparture"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WeightOfSetOfCarriages**

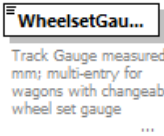
diagram	<p>The diagram shows a box for <b>WeightOfSetOfCarriages</b> with the text: "The calculated maximum weight of all carriages without the traction".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">WeightValueTonne</a>									
properties	content simple									
used by	element <a href="#">PlannedTrainTechnicalData</a>									
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> &lt;xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"&gt;   &lt;xs:annotation&gt; </pre>									

	<pre> &lt;xs:documentation&gt;The calculated maximum weight of all carriages without the traction&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>
--	--

element **WheelDiameter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
properties	content simple									
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>									
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> &lt;xs:element name="WheelDiameter"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Diameter of wheels measured in mm.     Reference wheel diameter at maximum.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;         </pre>									

element **WheelsetGauge**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:integer</b>						
properties	content simple						
used by	element <a href="#">RollingStockDataset/DesignDataSet</a>						
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 9999
annotation	documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge
source	<pre> &lt;xs:element name="WheelsetGauge"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:minInclusive value="1"/&gt;       &lt;xs:maxInclusive value="9999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **Width**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Value</a> <a href="#">Measure</a>
used by	element <a href="#">Dimensions</a> complexType <a href="#">DimensionValue</a>
annotation	documentation Width of ITU
source	<pre> &lt;xs:element name="Width"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Width of ITU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Value"/&gt;       &lt;xs:element ref="Measure"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WIMO\_Dataset**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">ConsignmentLevelData</a> <a href="#">EventLevelData</a> <a href="#">RollingStockDataset</a>
annotation	documentation Comment describing your root element
source	<pre> &lt;xs:element name="WIMO_Dataset"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Comment describing your root element&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="ConsignmentLevelData"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="Customer" maxOccurs="2"/&gt;             &lt;xs:element ref="ConsignmentNumber"/&gt;             &lt;xs:element ref="Goods"/&gt;             &lt;xs:element ref="AgreedTimeOfDelivery"/&gt;             &lt;xs:element ref="Destination"/&gt;             &lt;xs:element ref="WagonInformation"/&gt;             &lt;xs:element ref="ContractNumber" minOccurs="0"/&gt;             &lt;xs:element ref="DangerousGoodsIndication" minOccurs="0"/&gt;             &lt;xs:element ref="SpecialTreatments" minOccurs="0"/&gt;             &lt;xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/&gt;             &lt;xs:element ref="PreviousConsignmentNumber" minOccurs="0"/&gt;             &lt;xs:sequence minOccurs="0"&gt;               &lt;xs:element ref="NextIntermediateDestination"/&gt;               &lt;xs:element ref="PreviousResponsibleRU"/&gt;               &lt;xs:element ref="NextResponsibleRU"/&gt;             &lt;/xs:sequence&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="EventLevelData"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element ref="WagonEventInformation"/&gt;             &lt;xs:element ref="VesselIndication" minOccurs="0"/&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;       &lt;xs:element ref="RollingStockDataset"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

element **WIMO\_Dataset/ConsignmentLevelData**

<p>diagram</p>	<p><b>Customer</b> 1..2 Consignor or Consig...</p> <p><b>ConsignmentNumber</b> Reference number assigned to a consignment by a lead RU</p> <p><b>Goods</b> Describes the goods inside the means of transport</p> <p><b>AgreedTimeOfDelivery</b> The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings</p> <p><b>Destination</b> Destination Locati...</p> <p><b>WagonInformation</b> 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 ...</p> <p><b>ContractNumber</b> Number of agreement between LeadRU and Responsible RU</p> <p><b>DangerousGoodsIndication</b> Identifies dangerous go...</p> <p><b>SpecialTreatments</b> Special treatm...</p> <p><b>PreviousWagonNumber</b></p> <p><b>PreviousConsignmentNumber</b> This element shows the previous Reference number assigned to a consignment by ...</p> <p><b>NextIntermediateDestination</b> Identifies next stopping point on the route of a train</p> <p><b>PreviousResponsibleRU</b> This element identifies the RU, who was responsible for the train operation on the journey section before an interchange ...</p> <p><b>NextResponsibleRU</b> The RU who is responsible for the train operation on the next journey section.</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">Customer</a> <a href="#">ConsignmentNumber</a> <a href="#">Goods</a> <a href="#">AgreedTimeOfDelivery</a> <a href="#">Destination</a> <a href="#">WagonInformation</a> <a href="#">ContractNumber</a> <a href="#">DangerousGoodsIndication</a> <a href="#">SpecialTreatments</a> <a href="#">PreviousWagonNumber</a> <a href="#">PreviousConsignmentNumber</a> <a href="#">NextIntermediateDestination</a> <a href="#">PreviousResponsibleRU</a> <a href="#">NextResponsibleRU</a></p>
<p>source</p>	<pre>&lt;xs:element name="ConsignmentLevelData"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Customer" maxOccurs="2"/&gt;       &lt;xs:element ref="ConsignmentNumber"/&gt;       &lt;xs:element ref="Goods"/&gt;</pre>



	<pre> &lt;xs:element                                ref="AgreedTimeOfDelivery"/&gt; &lt;xs:element                                ref="Destination"/&gt; &lt;xs:element                                ref="WagonInformation"/&gt; &lt;xs:element                                ref="ContractNumber"           minOccurs="0"/&gt; &lt;xs:element                                ref="DangerousGoodsIndication"       minOccurs="0"/&gt; &lt;xs:element                                ref="SpecialTreatments"             minOccurs="0"/&gt; &lt;xs:element                                name="PreviousWagonNumber"         type="WagonIdent" minOccurs="0"/&gt; &lt;xs:element                                ref="PreviousConsignmentNumber"     minOccurs="0"/&gt; &lt;xs:sequence                               minOccurs="0"&gt;   &lt;xs:element                                ref="NextIntermediateDestination"/&gt;   &lt;xs:element                                ref="PreviousResponsibleRU"/&gt;   &lt;xs:element                                ref="NextResponsibleRU"/&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt;                 </pre>
--	--

element **WIMO\_Dataset/ConsignmentLevelData/PreviousWagonNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">WagonIdent</a>									
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>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}									
source	<code>&lt;xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/&gt;</code>									

element **WIMO\_Dataset/EventLevelData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">WagonEventInformation</a> <a href="#">VesselIndication</a>
source	<pre> &lt;xs:element                                name="EventLevelData"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element                                ref="WagonEventInformation"/&gt;       &lt;xs:element                                ref="VesselIndication"           minOccurs="0"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt;                 </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

**element YardArrival**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">ArrivalTimeAtLocationActual</a>
used by	element <a href="#">WagonYardArrivalMessage</a>
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> &lt;xs:element name="YardArrival"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="Location"/&gt;       &lt;xs:element ref="ArrivalTimeAtLocationActual"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

**element YardDeparture**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<a href="#">Location</a> <a href="#">DepartureTimeAtLocation</a>
used by	element <a href="#">WagonYardDepartureMessage</a>
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> &lt;xs:element name="YardDeparture"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt; </pre>

	<pre> &lt;xs:sequence&gt;   &lt;xs:element     ref="Location"/&gt;   &lt;xs:element     ref="DepartureTimeAtLocation"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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complexType **CargoCodeType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	extension of <a href="#">FreeText</a>									
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> &lt;xs:complexType   name="CargoCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identification of the Cargo and the nomenclature used&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleContent     base="FreeText"/&gt;   &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt; </pre>									

complexType **CompositIdentifierOperationalType**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>elements <a href="#">RelatedTransportOperationalIdentifiers</a> <a href="#">TrainID</a> <a href="#">TransportOperationalIdentifiers</a></p>
<p>annotation</p>	<p>documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p>
<p>source</p>	<pre> &lt;xs:complexType name="CompositIdentifierOperationalType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="ObjectType"/&gt;     &lt;xs:element ref="Company"/&gt;     &lt;xs:element ref="Core"/&gt;     &lt;xs:element ref="Variant"/&gt;     &lt;xs:element ref="TimetableYear"/&gt;     &lt;xs:element ref="StartDate"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Is only used in the operational phase and refers to the date where the single train will start the train journey&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;         </pre>

complexType **CompositIdentifierPlannedType**

<p>diagram</p>	<p><b>CompositIdentifierPlannedTy...</b> 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"> <li><b>ObjectType</b>: Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)</li> <li><b>Compa...</b>: Identifies a railway company (RU or IM)</li> <li><b>Core</b>: It is the main part of identifier and is determent by the company that creates it.</li> <li><b>Variant</b>: The variant shows a relationship between two identifiers referring to the same business case</li> <li><b>TimetableYear</b>: Refers to the timetable period in which the business will be carried out</li> <li><b>StartDate</b>: The start of the date/time in effect</li> </ul>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>children</p>	<p><a href="#">ObjectType</a> <a href="#">Company</a> <a href="#">Core</a> <a href="#">Variant</a> <a href="#">TimetableYear</a> <a href="#">StartDate</a></p>
<p>used by</p>	<p>elements <a href="#">AssociatedAttachedTrainID</a> <a href="#">PlannedTransportIdentifiers</a> <a href="#">RelatedPlannedTransportIdentifiers</a></p>
<p>annotation</p>	<p>documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p>
<p>source</p>	<pre>&lt;xs:complexType name="CompositIdentifierPlannedType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="ObjectType"/&gt;     &lt;xs:element ref="Company"/&gt;     &lt;xs:element ref="Core"/&gt;     &lt;xs:element ref="Variant"/&gt;     &lt;xs:element ref="TimetableYear"/&gt;     &lt;xs:element ref="StartDate" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType **ConsignmentIdent**

<p>diagram</p>	<p><b>ConsignmentIdent...</b> Identifies a waybill by its number and type</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>type</p>	<p>extension of <b>xs:string</b></p>

properties	base <code>xs:string</code>
used by	elements <a href="#">ConsignmentNumber</a> <a href="#">PreviousConsignmentNumber</a>
annotation	documentation Identifies a waybill by its number and type
source	<pre>&lt;xs:complexType name="ConsignmentIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies a waybill by its number and type&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleContent&gt;     &lt;xs:extension base="xs:string"/&gt;   &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt;</pre>

### complexType **CustomerCode**

diagram	
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
children	<a href="#">CountryCodeISO</a> <a href="#">PrimaryCode</a> <a href="#">AdditionalCode</a>
used by	element <a href="#">Customer</a>
annotation	documentation Identifies the railway customer
source	<pre>&lt;xs:complexType name="CustomerCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the railway customer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;xs:element name="PrimaryCode" type="String1-14"/&gt;     &lt;xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### element **CustomerCode/PrimaryCode**

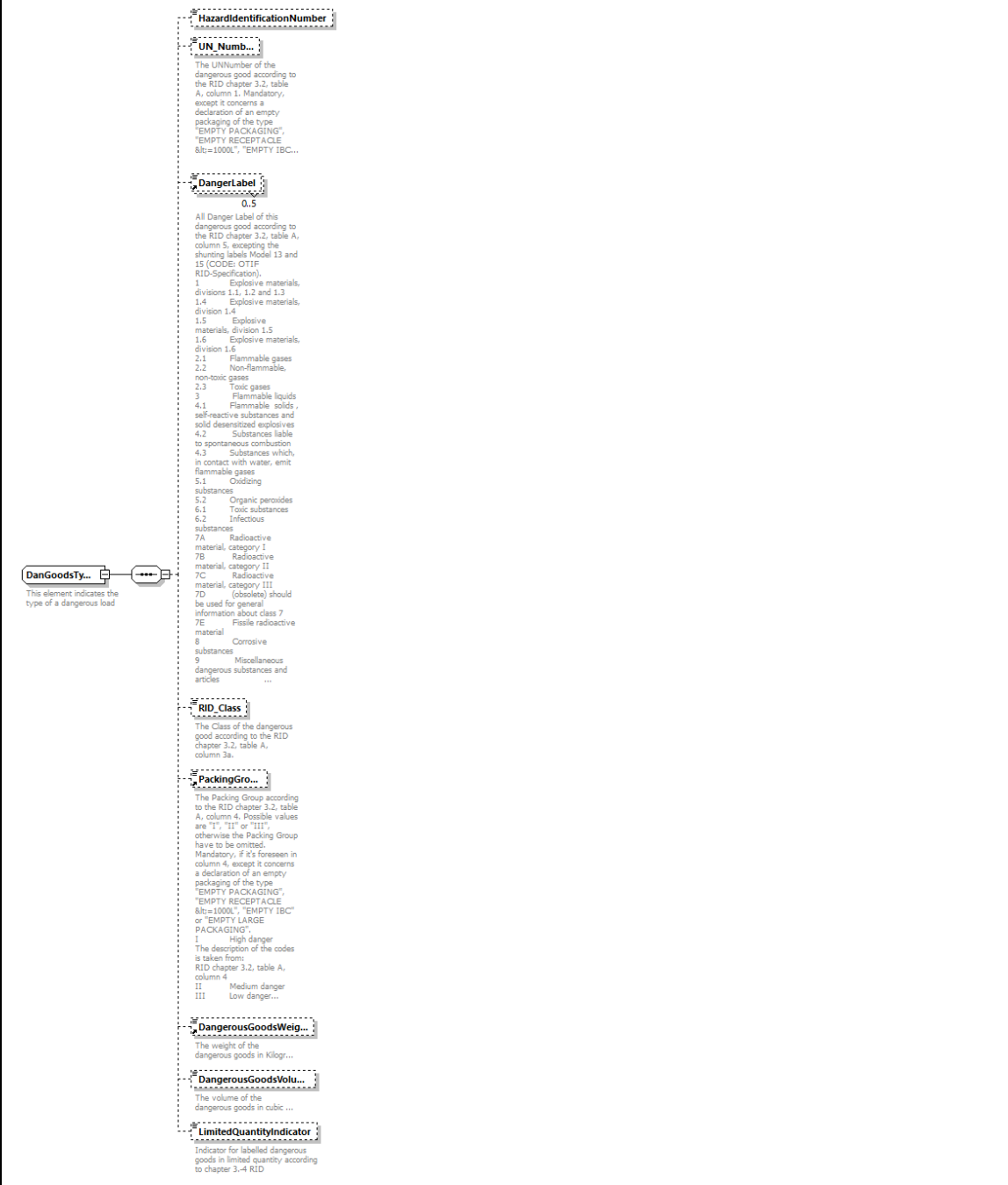
diagram										
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>									
type	<a href="#">String1-14</a>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </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	<code>&lt;xs:element name="PrimaryCode" type="String1-14"/&gt;</code>
--------	---

**element CustomerCode/AdditionalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">String1-7</a>									
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>7</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<code>&lt;xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/&gt;</code>									

complexType **DanGoodsType**

<p>diagram</p> 	<p><b>HazardIdentificationNumber</b> The UN/Number 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;br&gt;=1000L", "EMPTY IBC..."</p> <p><b>UN Num...</b> The UN/Number 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;br&gt;=1000L", "EMPTY IBC..."</p> <p><b>DangerLabel</b> 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><b>RID Class</b> The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p><b>PackingGro...</b> 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;br&gt;=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><b>DangerousGoodsWeig...</b> The weight of the dangerous goods in Kilogr...</p> <p><b>DangerousGoodsVolu...</b> The volume of the dangerous goods in cubic ...</p> <p><b>LimitedQuantityIndicator</b> Indicator for labelled dangerous goods in limited quantity according to chapter 3-4 RID</p>
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>children</p>	<p><a href="#">HazardIdentificationNumber</a> <a href="#">UN Number</a> <a href="#">DangerLabel</a> <a href="#">RID Class</a> <a href="#">PackingGroup</a> <a href="#">DangerousGoodsWeight</a> <a href="#">DangerousGoodsVolume</a> <a href="#">LimitedQuantityIndicator</a></p>
<p>used by</p>	<p>element <a href="#">DangerousGoodsIndication</a></p>
<p>annotation</p>	<p>documentation This element indicates the type of a dangerous load</p>
<p>source</p>	<pre>&lt;xs:complexType name="DanGoodsType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;This element indicates the type of a dangerous load&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>




```

<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: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>

```

element **DanGoodsType/HazardIdentificationNumber**

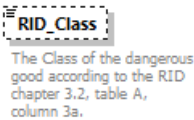
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 4
source	<pre>&lt;xs:element name="HazardIdentificationNumber" minOccurs="0"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"       &lt;xs:minLength value="2"/&gt;       &lt;xs:maxLength value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

element **DanGoodsType/UN\_Number**

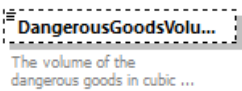
diagram	 The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC..."
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
used by	element <a href="#">SummaryOfGoodsWithSameRID</a>
facets	Kind Value Annotation length 4 pattern \d*[1-9]\d*
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .
source	<pre>&lt;xs:element name="UN_Number" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction     base="xs:string"     value="4"/&gt;     &lt;xs:length       value="\d*[1-9]\d*" /&gt;     &lt;xs:pattern     /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

### element **DanGoodsType/RID\_Class**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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 The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.									
source	<pre> &lt;xs:element   name="RID_Class"   minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       base="xs:string"       value="1"/&gt;       &lt;xs:maxLength         value="4"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

### element **DanGoodsType/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<a href="#">VolumeValue</a>
properties	minOcc 0 maxOcc 1 content simple
used by	element <a href="#">SummaryOFGoodsWithSameRID</a>
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre> &lt;xs:element   name="DangerousGoodsVolume"   type="VolumeValue"   minOccurs="0"&gt; </pre>

<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;The volume of the dangerous goods in cubic meters&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>
--

element **DanGoodsType/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
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> &lt;xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;         </pre>

complexType **DimensionValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	<a href="#">Length</a> <a href="#">Height</a> <a href="#">Width</a>
annotation	documentation Measurement Values of Length, Height and Width
source	<pre> &lt;xs:complexType name="DimensionValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Measurement Values of Length, Height and Width&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="Length"/&gt;     &lt;xs:element ref="Height"/&gt;     &lt;xs:element ref="Width"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;         </pre>

complexType **LocationIdent**

<p>diagram</p>	
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>
<p>children</p>	<p><a href="#">CountryCodeISO</a> <a href="#">LocationPrimaryCode</a> <a href="#">PrimaryLocationName</a> <a href="#">LocationSubsidiaryIdentification</a></p>
<p>used by</p>	<p>elements</p> <p><a href="#">TrainRunningData/Activities/ActivityLocationIdent</a> <a href="#">ArrivalTrackAtLocation</a> <a href="#">DelayLocation</a>  <a href="#">DepartureJourneyTrack</a> <a href="#">DepartureTrackAtLocation</a> <a href="#">Destination</a>  <a href="#">ConsignmentOrderMessage/COMS/COM/RU</a> <a href="#">Declarations/DifferentAcceptance/DifferentAcceptanc</a>  <a href="#">ePoint</a> <a href="#">EndLocation</a> <a href="#">AffectedSection/EndOfSection</a> <a href="#">IntermediateDestination</a>  <a href="#">JourneySectionDestination</a> <a href="#">JourneySectionOrigin</a> <a href="#">Location</a> <a href="#">LocationActualTrack</a>  <a href="#">LocationPlannedTrack</a> <a href="#">NetworkProjectedLocation/NextLocation</a>  <a href="#">TrainInformation/PathPlanningReferenceLocation</a> <a href="#">PlannedJourneyLocation</a> <a href="#">StartLocation</a>  <a href="#">AffectedSection/StartOfSection</a> <a href="#">Station</a> <a href="#">TrainReadyMessage/TrainLocation</a> <a href="#">TransferPoint</a></p>
<p>annotation</p>	<p>documentation          Indication of the Railway or Customer Location</p>
<p>source</p>	<pre>&lt;xs:complexType name="LocationIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication of the Railway or Customer     Location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="CountryCodeISO"/&gt;     &lt;xs:element ref="LocationPrimaryCode"/&gt;     &lt;xs:element ref="PrimaryLocationName" minOccurs="0"/&gt;     &lt;xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

complexType **TrainActivityType**

diagram

**TrainActivityType**

Indicates certain treatments or operations required for a train. If national codes are used, the first position will be the ISO country code followed by 00-99.

0001 Commercial stop  
 RU Identifies a commercial passenger train load/unload freight train

0002 Operational stop  
 01 Stop 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. searching of parts)

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 Stop for reversing  
 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 drive)

0007 Stop 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  
 coach/wagon RU/IM (e.g. at origin or intermediate station)

0009 Brake test, checking load

0010 Change gauge  
 RU/IM conversion on a network with a different gauge or change of bogies or disposition of the wheel (F-S, SVE-F)

0011 Attach engine/unit  
 RU Unit not previously in service

0012 Detach engine/unit  
 RU Unit no longer in service

0013 Change engine  
 RU

0014 Attach coach/wagon  
 RU

0015 Detach coach/wagon  
 RU

0016 Attach and detach coach/wagon  
 RU

0017 Operational Train (in service)  
 0017 Self-test  
 Operational Train (in service)

0018 Parking of vehicle  
 RU e.g. need to park the transportation machinery for several days

0019 Multiple services  
 RU

0020 Shunting  
 RU

0021 Shunting service  
 RU Requested for shunting service (if offered by the IM or a third party)

0022 Terminal service  
 RU Terminal in the meaning of final destination. RU Requested for stop 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 break, e.g. to report working time

0025 Crew change  
 RU different to loco driver change for the purpose of the crew change will be needed

0026 Loco and passenger facilities  
 RU

0027 Crew rest request (incabellenced) RU/IM (boarding only)

0028 Boarding only  
 RU

0029 Disembarking only  
 RU

0030 Stop on request  
 RU

0031 Departure equals to arrival time  
 RU (if in some cases only, arrival times are published, the activity code may need to indicate that the train cannot arrive 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 in an area if remaining on a main line for connection

0033 RU waiting for connection  
 RU

0034 Waiting  
 RU indicates the IM that a track with water access will be needed.

0035 Waiting  
 RU indicates the IM that a track with heating equipment will be needed.

0036 Clearing / dewatering  
 RU

0037 Treatment on plants and live animals  
 RU (heating, feeding, bedding, spraying, clearing, ventilation fans, cleaning, vaccination, etc.)

0038 Treatment of perishable goods  
 RU

0039 Checking the temperature, heating, heating, checking the proper functioning of the mechanical integration equipment, buffing, machinery, cleaning machinery on or off

0039 Administrative operations  
 RU (weighing, re-forwarding, submission to phyto-sanitary inspection)

0040 Run Through (Empty Train) IM

0041 Photo run-by / Photoing

0042 Train Wabing (Waiting according to local rules)

0043 Train running with another train  
 RU (where tracks have been attached on 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 provided service. The same vehicle is reused from the previous train service.

0045 Connecting service to other train  
 RU Association where there is a need to define a relationship between a train and its provided service. The same vehicle is used for the next train service. Also called "train-act transfer".

0046 Connecting service from other train  
 RU Association where there is a need to define a relationship between a train and its provided service. The same vehicle is reused from the previous train service.

0047 Connecting service from other train  
 RU Association where there is a need to define a relationship between a train and its provided service. The same vehicle is used for the next train service. Also called "train-act transfer".

0048 Linkage of OTs 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...

**AssociatedAttachedTrainID**  
 Identifies the associated train in an attached activity.

**AssociatedAttachedOTN**  
 Identifies the associated OTN for the activity for traffic management purposes by the Dispatcher, GSM-R services, etc.

**AssociatedAttachedTrainService**  
 Identifies the associated train service line number for the train activity connecting service.

**AssociatedAttachedTimingAltLoc**  
 Identifies the time at location of the associated attached train in train service number given by AssociatedAttachedOTN or AssociatedAttachedTrainService or AssociatedAttachedTrainServiceNumber. In general, the Default Time element of structure TimingAltLocation is not provided when using...

**FreeTextField**  
 Free text field



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	<a href="#">TrainActivityType</a> <a href="#">AssociatedAttachedTrainID</a> <a href="#">AssociatedAttachedOTN</a> <a href="#">AssociatedAttachedTrainServiceNumber</a> <a href="#">AssociatedAttachedTimingAtLocation</a> <a href="#">FreeTextField</a>
used by	element <a href="#">TrainActivity</a>
source	<pre> &lt;xs:complexType name="TrainActivityType"&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="TrainActivityType"/&gt;     &lt;xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/&gt;     &lt;xs:element ref="AssociatedAttachedOTN" minOccurs="0"/&gt;     &lt;xs:element ref="AssociatedAttachedTrainServiceNumber" minOccurs="0"/&gt;     &lt;xs:element ref="AssociatedAttachedTimingAtLocation" minOccurs="0"/&gt;     &lt;xs:element ref="FreeTextField" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

complexType **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	<a href="#">StartDate</a> <a href="#">EndDate</a>
used by	elements <a href="#">LocationPrimaryInformation/FreightValidityPeriod</a> <a href="#">LocationValidityPeriod</a> <a href="#">LocationPrimaryInformation/PassengerValidityPeriod</a>
source	<pre> &lt;xs:complexType name="ValidityPeriod"&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="StartDate" minOccurs="0"/&gt;     &lt;xs:element ref="EndDate" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

complexType **WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	<a href="#">TelematicsOnBoard</a> <a href="#">TelematicsDevice</a>
used by	element <a href="#">RollingStockDataset/DesignDataSet/WagonTelematics</a>
source	<pre> &lt;xs:complexType name="WagonTelematics"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="TelematicsOnBoard" type="xs:boolean"/&gt;     &lt;xs:element name="TelematicsDevice" type="xs:string" minOccurs="0" maxOccurs="∞"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>



```

<xs:annotation>
  <xs:documentation xml:lang="en">Indication if wagon is equipped with
a telematics device.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation xml:lang="en">Detailed information about a specific
telematics device.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DeviceType">
        <xs:annotation>
          <xs:documentation xml:lang="en">Specification of type of
telematics device.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="Telematics Unit"/>
            <xs:enumeration value="Sensor"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ComponentMounted" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="Superstructure"/>
            <xs:enumeration value="Tank"/>
            <xs:enumeration value="End wall"/>
            <xs:enumeration value="Side wall"/>
            <xs:enumeration value="Marking plate"/>
            <xs:enumeration value="Frame"/>
            <xs:enumeration value="Headstock"/>
            <xs:enumeration value="Saddle plate"/>
            <xs:enumeration value="Longitudinal beam"/>
            <xs:enumeration value="Latitudinal beam"/>
            <xs:enumeration value="Hitch"/>
            <xs:enumeration value="Bogie"/>
            <xs:enumeration value="Axle box"/>
            <xs:enumeration value="Lift off protection"/>
            <xs:enumeration value="Brake system"/>
            <xs:enumeration value="Brake blocks"/>
            <xs:enumeration value="Air pipes"/>
            <xs:enumeration value="Brake valves"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indication of where the
telematics unit is located on the component.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

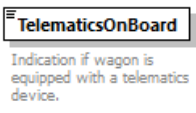
```

```

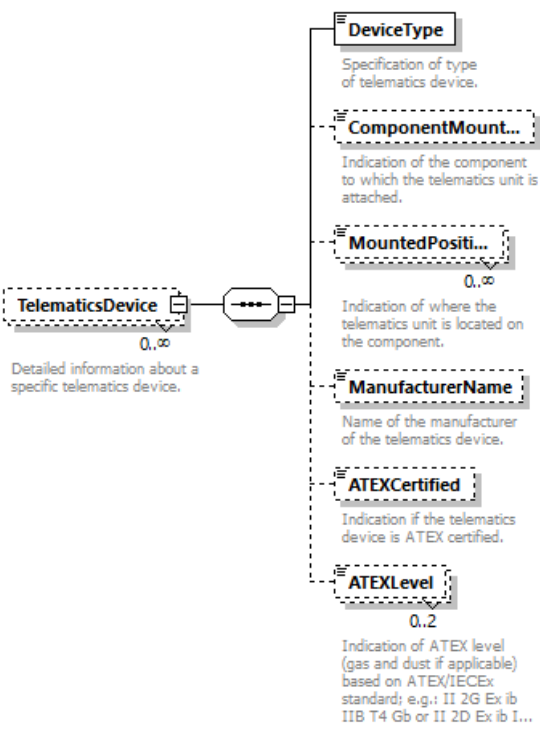
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:enumeration value="Side"/>
    <xs:enumeration value="Top"/>
    <xs:enumeration value="Bottom"/>
    <xs:enumeration value="Inside"/>
    <xs:enumeration value="Left"/>
    <xs:enumeration value="Right"/>
    <xs:enumeration value="Center"/>
    <xs:enumeration value="Below" isolation="below"/>
    <xs:enumeration value="Hand brake" end="brake" end="brake"/>
    <xs:enumeration value="Non brake" end="brake" end="brake"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
    <xs:enumeration value="7"/>
    <xs:enumeration value="8"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ManufacturerName" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Name of the manufacturer of the
telematics device.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="255"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of ATEX level (gas
and dust if applicable) based on ATEX/IECEX standard; e.g.: II 2G Ex ib IIB
T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="50"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```

element **WagonTelematics/TelematicsOnBoard**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	content simple
annotation	documentation Indication if wagon is equipped with a telematics device.
source	<pre>&lt;xs:element name="TelematicsOnBoard" type="xs:boolean"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication if wagon is equipped with a telematics device.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

element **WagonTelematics/TelematicsDevice**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	<a href="#">DeviceType</a> <a href="#">ComponentMounted</a> <a href="#">MountedPosition</a> <a href="#">ManufacturerName</a> <a href="#">ATEXCertified</a> <a href="#">ATEXLevel</a>
annotation	documentation Detailed information about a specific telematics device.
source	<pre>&lt;xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"&gt;</pre>

```

<xs:annotation>
  <xs:documentation xml:lang="en">Detailed information about a specific
telematics device.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DeviceType">
      <xs:annotation>
        <xs:documentation xml:lang="en">Specification of type of telematics
device.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Telematics Unit"/>
          <xs:enumeration value="Sensor"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ComponentMounted" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Superstructure"/>
          <xs:enumeration value="Tank"/>
          <xs:enumeration value="End wall"/>
          <xs:enumeration value="Side wall"/>
          <xs:enumeration value="Marking plate"/>
          <xs:enumeration value="Frame"/>
          <xs:enumeration value="Headstock"/>
          <xs:enumeration value="Saddle plate"/>
          <xs:enumeration value="Longitudinal beam"/>
          <xs:enumeration value="Latitudinal beam"/>
          <xs:enumeration value="Hitch"/>
          <xs:enumeration value="Bogie"/>
          <xs:enumeration value="Axle"/>
          <xs:enumeration value="Axle box"/>
          <xs:enumeration value="Lift off protection"/>
          <xs:enumeration value="Brake system"/>
          <xs:enumeration value="Brake blocks"/>
          <xs:enumeration value="Air pipes"/>
          <xs:enumeration value="Brake valves"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation xml:lang="en">Indication of where the telematics
unit is located on the component.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Side"/>
          <xs:enumeration value="Top"/>
          <xs:enumeration value="Bottom"/>
          <xs:enumeration value="Inside"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>


```

```

        <xs:enumeration value="Left"/>
        <xs:enumeration value="Right"/>
        <xs:enumeration value="Center"/>
        <xs:enumeration value="Below isolation"/>
        <xs:enumeration value="Hand brake end"/>
        <xs:enumeration value="Non brake end"/>
        <xs:enumeration value="1"/>
        <xs:enumeration value="2"/>
        <xs:enumeration value="3"/>
        <xs:enumeration value="4"/>
        <xs:enumeration value="5"/>
        <xs:enumeration value="6"/>
        <xs:enumeration value="7"/>
        <xs:enumeration value="8"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ManufacturerName" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Name of the manufacturer of the
telematics device.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="255"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication if the telematics device
is ATEX certified.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of ATEX level (gas and
or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="50"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

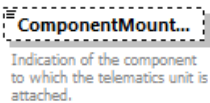
```

element **WagonTelematics/TelematicsDevice/DeviceType**

<p>diagram</p>	 <p><b>DeviceType</b> Specification of type of telematics device.</p>
<p>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>

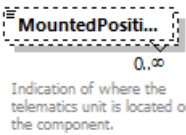
type	restriction of <b>xs:string</b>									
properties	content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Telematics Unit</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Sensor</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Telematics Unit		enumeration	Sensor	
Kind	Value	Annotation								
enumeration	Telematics Unit									
enumeration	Sensor									
annotation	documentation Specification of type of telematics device.									
source	<pre> &lt;xs:element name="DeviceType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Specification of type of telematics device.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="Telematics Unit"/&gt;       &lt;xs:enumeration value="Sensor"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>									

element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram																																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																									
type	restriction of <b>xs:string</b>																																																									
properties	minOcc 0 maxOcc 1 content simple																																																									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>Superstructure</td><td></td></tr> <tr><td>enumeration</td><td>Tank</td><td></td></tr> <tr><td>enumeration</td><td>End wall</td><td></td></tr> <tr><td>enumeration</td><td>Side wall</td><td></td></tr> <tr><td>enumeration</td><td>Marking plate</td><td></td></tr> <tr><td>enumeration</td><td>Frame</td><td></td></tr> <tr><td>enumeration</td><td>Headstock</td><td></td></tr> <tr><td>enumeration</td><td>Saddle plate</td><td></td></tr> <tr><td>enumeration</td><td>Longitudinal beam</td><td></td></tr> <tr><td>enumeration</td><td>Latitudinal beam</td><td></td></tr> <tr><td>enumeration</td><td>Hitch</td><td></td></tr> <tr><td>enumeration</td><td>Bogie</td><td></td></tr> <tr><td>enumeration</td><td>Axle</td><td></td></tr> <tr><td>enumeration</td><td>Axle box</td><td></td></tr> <tr><td>enumeration</td><td>Lift off protection</td><td></td></tr> <tr><td>enumeration</td><td>Brake system</td><td></td></tr> <tr><td>enumeration</td><td>Brake blocks</td><td></td></tr> <tr><td>enumeration</td><td>Air pipes</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Superstructure		enumeration	Tank		enumeration	End wall		enumeration	Side wall		enumeration	Marking plate		enumeration	Frame		enumeration	Headstock		enumeration	Saddle plate		enumeration	Longitudinal beam		enumeration	Latitudinal beam		enumeration	Hitch		enumeration	Bogie		enumeration	Axle		enumeration	Axle box		enumeration	Lift off protection		enumeration	Brake system		enumeration	Brake blocks		enumeration	Air pipes	
Kind	Value	Annotation																																																								
enumeration	Superstructure																																																									
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enumeration	Brake system																																																									
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enumeration	Air pipes																																																									

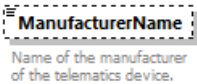
	enumeration Brake valves
annotation	documentation Indication of the component to which the telematics unit is attached.
source	<pre> &lt;xs:element name="ComponentMounted" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication of the component to which the telematics unit is attached.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="Superstructure"/&gt;       &lt;xs:enumeration value="Tank"/&gt;       &lt;xs:enumeration value="End wall"/&gt;       &lt;xs:enumeration value="Side wall"/&gt;       &lt;xs:enumeration value="Marking plate"/&gt;       &lt;xs:enumeration value="Frame"/&gt;       &lt;xs:enumeration value="Headstock"/&gt;       &lt;xs:enumeration value="Saddle plate"/&gt;       &lt;xs:enumeration value="Longitudinal beam"/&gt;       &lt;xs:enumeration value="Latitudinal beam"/&gt;       &lt;xs:enumeration value="Hitch"/&gt;       &lt;xs:enumeration value="Bogie"/&gt;       &lt;xs:enumeration value="Axle"/&gt;       &lt;xs:enumeration value="Axle box"/&gt;       &lt;xs:enumeration value="Lift off protection"/&gt;       &lt;xs:enumeration value="Brake system"/&gt;       &lt;xs:enumeration value="Brake blocks"/&gt;       &lt;xs:enumeration value="Air pipes"/&gt;       &lt;xs:enumeration value="Brake valves"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **WagonTelematics/TelematicsDevice/MountedPosition**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation enumeration Side enumeration Top enumeration Bottom enumeration Inside enumeration Left enumeration Right enumeration Center enumeration Below isolation

	<p>enumeration Hand brake end</p> <p>enumeration Non brake end</p> <p>enumeration 1</p> <p>enumeration 2</p> <p>enumeration 3</p> <p>enumeration 4</p> <p>enumeration 5</p> <p>enumeration 6</p> <p>enumeration 7</p> <p>enumeration 8</p>
annotation	<p>documentation</p> <p>Indication of where the telematics unit is located on the component.</p>
source	<pre> &lt;xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication of where the telematics unit is      located      on      the      component.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:enumeration value="Side"/&gt;       &lt;xs:enumeration value="Top"/&gt;       &lt;xs:enumeration value="Bottom"/&gt;       &lt;xs:enumeration value="Inside"/&gt;       &lt;xs:enumeration value="Left"/&gt;       &lt;xs:enumeration value="Right"/&gt;       &lt;xs:enumeration value="Center"/&gt;       &lt;xs:enumeration value="Below isolation"/&gt;       &lt;xs:enumeration value="Hand brake end"/&gt;       &lt;xs:enumeration value="Non brake end"/&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;       &lt;xs:enumeration value="3"/&gt;       &lt;xs:enumeration value="4"/&gt;       &lt;xs:enumeration value="5"/&gt;       &lt;xs:enumeration value="6"/&gt;       &lt;xs:enumeration value="7"/&gt;       &lt;xs:enumeration value="8"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

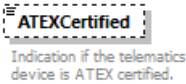
element **WagonTelematics/TelematicsDevice/ManufacturerName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>
facets	<p>Kind Value Annotation</p> <p>maxLength 255</p>

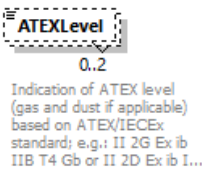


annotation	documentation Name of the manufacturer of the telematics device.
source	<pre>&lt;xs:element name="ManufacturerName" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Name of the manufacturer of the telematics device.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="255"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### element **WagonTelematics/TelematicsDevice/ATEXCertified**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<b>xs:boolean</b>
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if the telematics device is ATEX certified.
source	<pre>&lt;xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation xml:lang="en"&gt;Indication if the telematics device is ATEX certified.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

### element **WagonTelematics/TelematicsDevice/ATEXLevel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 2 content simple
facets	Kind Value Annotation maxLength 50
annotation	documentation Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.
source	<pre>&lt;xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation xml:lang="en"&gt;Indication of ATEX level (gas and dust if   applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II   2D Ex ib IIIC T135°C Db.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="50"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
--	---

simpleType **CommunicationRefID**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	elements <a href="#">eMail</a> <a href="#">FaxNumber</a> <a href="#">PhoneNumber</a> <a href="#">TrainContactDetails</a>									
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> &lt;xs:simpleType name="CommunicationRefID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifier for communications contact reference (i.e.     fax number, phone number, e-mail, URL)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="70"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>									

simpleType **CompanyCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <a href="#">String4-4</a>												
properties	base String4-4												
used by	elements <a href="#">AllocationCompany</a> <a href="#">Company</a> <a href="#">CoordinatingIM</a> <a href="#">ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU</a> <a href="#">IM Partner</a> <a href="#">ImpactedRU</a> <a href="#">LeadRU</a> <a href="#">NextResponsibleRU</a> <a href="#">PreviousResponsibleRU</a> <a href="#">ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU</a> <a href="#">ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU</a> <a href="#">Recipient</a> <a href="#">ResponsibleApplicant</a> <a href="#">ResponsibleIM</a> <a href="#">ResponsibleRU</a> <a href="#">RU Partner</a> <a href="#">Sender</a> <a href="#">ConsignmentOrderMessage/COMS/COM_Header/SendingRU</a> <a href="#">TransfereeIM</a>												
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 the RU, IM or other company involved in the Rail Transport Chain												

source	<pre> &lt;xs:simpleType name="CompanyCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the RU, IM or other company involved in the Rail Transport Chain&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="String4-4"&gt;     &lt;xs:pattern value="[0-9A-Z]{4}"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
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### simpleType CountryIdentISO

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	elements <a href="#">CountryCodeISO</a> <a href="#">ITU_Details/DepartureCountry</a> <a href="#">RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry</a> <a href="#">RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries</a> <a href="#">OriginCountry</a> <a href="#">RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry</a> <a href="#">RollingStockDataset/AdministrativeDataSet/RegistrationCountry</a> <a href="#">UltimateDestinationCountry</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation ISO 3166-1 alpha code (2 positions)									
source	<pre> &lt;xs:simpleType name="CountryIdentISO"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ISO 3166-1 alpha code (2 positions)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="2"/&gt;     &lt;xs:maxLength value="2"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>									

### simpleType DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:string</b>						
properties	base xs:string						
used by	elements <a href="#">AgainstBooked</a> <a href="#">AgainstReferenced</a>						
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> </tbody> </table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric						
source	<pre> &lt;xs:simpleType name="DeltaTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt; </pre>						

	<pre> &lt;xs:length   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>	<pre> value="5"/&gt; </pre>
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**simpleType DerailmentDetectionDevice**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	
used by	element	<a href="#">RollingStockDataset/DesignDataSet/DerailmentDetectionDevice</a>	
facets	Kind	Value	Annotation
	enumeration	EDT 101	
	enumeration	MDV 100	
	enumeration	Non coded device	
annotation	documentation	<p>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device.</p> <p>The following values are defined:</p> <p>EDT 101</p> <p>MDV 100</p> <p>Non coded device</p>	
source	<pre> &lt;xs:simpleType   name="DerailmentDetectionDevice"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt; &lt;/xs:annotation&gt;     &lt;xs:restriction       base="xs:string"&gt;       &lt;xs:enumeration         value="EDT 101"/&gt;       &lt;xs:enumeration         value="MDV 100"/&gt;       &lt;xs:enumeration         value="Non coded device"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; </pre>		

**simpleType EquipmentNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	
used by	elements	<a href="#">GoodsInWagon/ContainerNumber ITU Details/Number</a>	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	13	
annotation	documentation	Number of ITU	
source	<pre> &lt;xs:simpleType   name="EquipmentNumberType"&gt; </pre>		

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Number of ITU&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:minLength value="1"/&gt;   &lt;xs:maxLength value="13"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
--	--

simpleType **EquipmentTypeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:token</b>												
properties	base xs:token												
used by	element <a href="#">ITU Type</a>												
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> &lt;xs:simpleType name="EquipmentTypeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of equipment&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="cn"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Container&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="sw"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;swap body&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="te"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Trailer (RollingRoad)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>												

simpleType **ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:token</b>
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																																																									
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enumeration	41																																																									
enumeration	42																																																									
enumeration	61																																																									
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enumeration	70																																																									
enumeration	71																																																									
enumeration	92																																																									
enumeration	94																																																									
enumeration																																																										
annotation	<p>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</p>																																																									
source	<pre> &lt;xs:simpleType name="ForwardingRestrictionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="07"/&gt;     &lt;xs:enumeration value="08"/&gt;     &lt;xs:enumeration value="09"/&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="12"/&gt;     &lt;xs:enumeration value="13"/&gt;     &lt;xs:enumeration value="15"/&gt;     &lt;xs:enumeration value="16"/&gt;     &lt;xs:enumeration value="41"/&gt;     &lt;xs:enumeration value="42"/&gt;     &lt;xs:enumeration value="61"/&gt;     &lt;xs:enumeration value="62"/&gt;     &lt;xs:enumeration value="63"/&gt;     &lt;xs:enumeration value="70"/&gt;     &lt;xs:enumeration value="71"/&gt;     &lt;xs:enumeration value="92"/&gt;     &lt;xs:enumeration value="94"/&gt;     &lt;xs:enumeration value=""/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>																																																									

**simpleType FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	<p>elements <a href="#">AdditionalInstruction</a> <a href="#">Address</a> <a href="#">Comments</a> <a href="#">ContractNumberMovement</a>  <a href="#">InterruptionPoint/DetailedDescriptionOfLocation</a> <a href="#">FreeTextField</a> <a href="#">GoodsDescription</a>  <a href="#">HandlingInstruction</a> <a href="#">InternalReferenceIdentifier</a> <a href="#">InterruptionDescription</a>  <a href="#">LocationSubsidiaryName</a> <a href="#">MessageIdentifier</a>  <a href="#">ErrorMessage/ErrorCauseReference/MessageSenderReference</a> <a href="#">Name</a> <a href="#">PrimaryLocationName</a>  <a href="#">RelatedIdentifier</a> <a href="#">RelatedSenderReference</a> <a href="#">Remarks</a> <a href="#">RouteInformation</a> <a href="#">SenderReference</a>  <a href="#">TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription</a> <a href="#">TransportInstruction</a>  <a href="#">NetworkSpecificParameter/Value</a>  complexType <a href="#">CargoCodeType</a></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>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Clear Text in ISO Unicode character set									
source	<pre>&lt;xs:simpleType name="FreeText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Clear Text in ISO Unicode character set&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="255"/&gt;     &lt;xs:minLength value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType LoadUnitNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>11</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Za-z0-9]{11}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	11		pattern	[A-Za-z0-9]{11}	
Kind	Value	Annotation								
length	11									
pattern	[A-Za-z0-9]{11}									
annotation	documentation Clear Text in ISO Unicode character set									
source	<pre>&lt;xs:simpleType name="LoadUnitNumberType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Clear Text in ISO Unicode character set&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="11"/&gt;     &lt;xs:pattern value="[A-Za-z0-9]{11}"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType Name**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	element <a href="#">VesselName</a>
facets	Kind Value Annotation maxLength 254
annotation	documentation Name in Free Text
source	<pre>&lt;xs:simpleType name="Name"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Name in Free Text&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="254"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType NHMCodeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	elements <a href="#">NHM Code Goods/PreviousLoadedGood</a>
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation NHM Code
source	<pre>&lt;xs:simpleType name="NHMCodeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;NHM Code&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="6"/&gt;     &lt;xs:pattern value="\d*[1-9]\d*" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

**simpleType Numeric1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:positiveInteger</b>
properties	base xs:positiveInteger
used by	elements <a href="#">RollingStockDataset/DesignDataSet/BogiePivotPitch</a> <a href="#">RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen</a> <a href="#">RollingStockDataset/DesignDataSet/InnerWheelbase</a> <a href="#">LocationPrimaryCode</a> <a href="#">RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory</a>



facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<pre> &lt;xs:simpleType name="Numeric1-5"&gt;   &lt;xs:restriction base="xs:positiveInteger"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="99999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType Numeric1-6**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:int</b>		
properties	base xs:int		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
source	<pre> &lt;xs:simpleType name="Numeric1-6"&gt;   &lt;xs:restriction base="xs:int"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="999999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType Numeric2-2**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:integer</b>		
properties	base xs:integer		
used by	elements	<a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognizedBody</a> <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear</a> <a href="#">MessageRoutingID</a> <a href="#">RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType</a> <a href="#">AirBrake/NumberOfBrakes</a> <a href="#">WagonTechData/TechnicalRestrictions</a> <a href="#">RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN</a>	
	attribute	<a href="#">CI InstanceNumber</a>	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<pre> &lt;xs:simpleType name="Numeric2-2"&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="01"/&gt;     &lt;xs:maxInclusive value="99"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType Numeric3-3**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:integer</b>		
properties	base xs:integer		
used by	elements	<a href="#">AirBrake/LoadChangeDevice/AirBrakedMassLoaded</a> <a href="#">AirBrake/LoadChangeDevice/ChangeOverWeight</a>	
	simpleType	<a href="#">Speed</a>	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
source	<pre> &lt;xs:simpleType name="Numeric3-3"&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="001"/&gt;     &lt;xs:maxInclusive value="999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType Numeric4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:integer</b>		
properties	base xs:integer		
used by	elements	<a href="#">LengthOfSetOfCarriages</a> <a href="#">RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode</a> <a href="#">TrainLength</a>	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
source	<pre> &lt;xs:simpleType name="Numeric4-4"&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="0001"/&gt;     &lt;xs:maxInclusive value="9999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType Percentage**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:float</b>		
properties	base xs:float		
used by	element	<a href="#">NetworkProjectedLocation/ProportionOfDistanceBetweenLocations</a>	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	100	
annotation	documentation	decimal value between 0 and 100	
source	<pre> &lt;xs:simpleType name="Percentage"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;decimal value between 0 and 100&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:simpleType&gt; </pre>		

	<pre> &lt;/xs:annotation&gt; &lt;xs:restriction                                base="xs:float"&gt;   &lt;xs:minInclusive                             value="0"/&gt;   &lt;xs:maxInclusive                             value="100"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
--	--

simpleType **Speed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric3-3</a>									
properties	base Numeric3-3									
used by	elements <a href="#">GNSS DynamicPosition/CurrentSpeed</a> <a href="#">HighestPlannedSpeed</a> <a href="#">PlannedSpeed</a> <a href="#">TrainMaxSpeed</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation Shown in Km/h									
source	<pre> &lt;xs:simpleType                                name="Speed"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Shown          in          Km/h&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction                                base="Numeric3-3"/&gt; &lt;/xs:simpleType&gt; </pre>									

simpleType **String1-10**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	element <a href="#">LocationSubsidiaryCode</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
source	<pre> &lt;xs:simpleType                                name="String1-10"&gt;   &lt;xs:restriction                                base="xs:string"&gt;     &lt;xs:minLength                                value="1"/&gt;     &lt;xs:maxLength                                value="10"                                fixed="false"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>									

simpleType **String1-14**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	base xs:string
used by	element <a href="#">CustomerCode/PrimaryCode</a>

facets	Kind	Value	Annotation
	minLength	1	
	maxLength	14	
source	<pre> &lt;xs:simpleType                                name="String1-14"&gt;   &lt;xs:restriction                             base="xs:string"&gt;     &lt;xs:minLength                             value="1"/&gt;     &lt;xs:maxLength                             value="14"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType String1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	
used by	element	<a href="#">DelayMinutes</a>	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	5	
source	<pre> &lt;xs:simpleType                                name="String1-5"&gt;   &lt;xs:restriction                             base="xs:string"&gt;     &lt;xs:minLength                             value="1"/&gt;     &lt;xs:maxLength                             value="5"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType String1-7**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	
used by	element	<a href="#">CustomerCode/AdditionalCode</a>	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	7	
source	<pre> &lt;xs:simpleType                                name="String1-7"&gt;   &lt;xs:restriction                             base="xs:string"&gt;     &lt;xs:minLength                             value="1"/&gt;     &lt;xs:maxLength                             value="7"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		

**simpleType String1-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	

used by	elements <a href="#">AssociatedAttachedOTN</a> <a href="#">AssociatedAttachedTrainServiceNumber</a> <a href="#">OperationalTrainNumber</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
source	<pre>&lt;xs:simpleType name="String1-8"&gt;   &lt;xs:restriction base="xs:string" value="1"/&gt;   &lt;xs:restriction value="8"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType String4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
properties	base xs:string									
used by	simpleType <a href="#">CompanyCode</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4	
Kind	Value	Annotation								
minLength	4									
maxLength	4									
source	<pre>&lt;xs:simpleType name="String4-4"&gt;   &lt;xs:restriction base="xs:string" value="4"/&gt;   &lt;xs:restriction value="4"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType String5-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:string</b>									
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>&lt;xs:simpleType name="String5-5"&gt;   &lt;xs:restriction base="xs:string" value="5"/&gt;   &lt;xs:restriction value="5"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

**simpleType String5-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	base xs:string

facets	Kind	Value	Annotation
	minLength	5	
	maxLength	8	
source	<pre>&lt;xs:simpleType name="String5-8"&gt;   &lt;xs:restriction base="xs:string" value="5"/&gt;   &lt;xs:restriction value="8"/&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType Time**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>xs:time</b>		
properties	base	xs:time	
annotation	documentation	Time expressed in HH:MM:SS	
source	<pre>&lt;xs:simpleType name="Time"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Time expressed in HH:MM:SS&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:time"/&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType VolumeValue**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	<b>xs:float</b>		
properties	base	xs:float	
used by	elements	<a href="#">DangerousGoodsVolume</a> <a href="#">DanGoodsType/DangerousGoodsVolume</a> <a href="#">Volume</a>	
annotation	documentation	Volume value of the load units by cbm	
source	<pre>&lt;xs:simpleType name="VolumeValue"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Volume value of the load units by cbm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:float"/&gt; &lt;/xs:simpleType&gt;</pre>		

**simpleType WagonIdent**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:string</b>		
properties	base	xs:string	
used by	elements	<a href="#">WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber</a> <a href="#">RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight</a> <a href="#">WagonNumberFreight</a>	
facets	Kind	Value	Annotation

	maxLength 12 pattern [0-9]{12}
annotation	documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.
source	<pre> &lt;xs:simpleType name="WagonIdent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"     value="12"/&gt;     &lt;xs:maxLength value="12"/&gt;     &lt;xs:pattern value="[0-9]{12}"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>

simpleType **WeightValueKilo**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:integer</b>												
properties	base xs:integer												
used by	elements <a href="#">DangerousGoodsWeight</a> <a href="#">GrossWeight</a> <a href="#">MaxGrossWeight</a> <a href="#">ITU Details/TareWeight</a> <a href="#">RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle</a> <a href="#">TotalLoadWeight</a> <a href="#">TotalWeight</a> <a href="#">LoadingTackles/TotalWeightLoadingTackles</a> <a href="#">WagonWeightEmpty</a>												
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 In Kilograms												
source	<pre> &lt;xs:simpleType name="WeightValueKilo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;In Kilograms&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="999999"/&gt;     &lt;xs:whiteSpace value="collapse"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>												

simpleType **WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <b>xs:int</b>						
properties	base xs:int						
used by	elements <a href="#">TractionWeight</a> <a href="#">TrainWeight</a> <a href="#">WeightOfSetOfCarriages</a>						
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

	maxInclusive 99999
annotation	documentation In Tonnes
source	<pre> &lt;xs:simpleType name="WeightValueTonne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;In Tonnes&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:int" value="1"/&gt;   &lt;xs:restriction value="99999"/&gt; &lt;/xs:simpleType&gt; </pre>

attribute **CI\_InstanceNumber**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<a href="#">Numeric2-2</a>									
used by	elements <a href="#">Recipient Sender</a>									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of a Common Interface Instance for the same Company									
source	<pre> &lt;xs:attribute name="CI_InstanceNumber" type="Numeric2-2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Number of a Common Interface Instance for the same Company&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:attribute&gt; </pre>									

### 3. Schema taf\_cat\_codelists.xsd

schema location: [C:\Users\jugelst\OneDrive - European Union Agency for Railways \(ERA\)\Documents\Projects\TAF-TSI\taf\\_cat\\_codelists.xsd](C:\Users\jugelst\OneDrive - European Union Agency for Railways (ERA)\Documents\Projects\TAF-TSI\taf_cat_codelists.xsd)

attributeFormDefault: **unqualified**

elementFormDefault: **qualified**

targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.2**

- |   |   |  |
|---|---|--|
| Elements                                    | Simple types                              | Attributes                                 |
| <a href="#">AirBrakeType</a>                | <a href="#">ConsignmentTypeCode</a>       | <a href="#">LocationSubsidiaryTypeCode</a> |
| <a href="#">BrakeSpecialCharacteristics</a> | <a href="#">DelayCode</a>                 | <a href="#">TimingQualifierCode</a>        |
| <a href="#">BrakeType</a>                   | <a href="#">InfoIndex</a>                 |  |
| <a href="#">BrakingPowerVariationDevice</a> | <a href="#">MessageCode</a>               |  |
| <a href="#">CombinedTrafficLoadProfile</a>  | <a href="#">RestrictionCodes</a>          |  |
| <a href="#">ConsignmentOrderType</a>        | <a href="#">RunningStatus</a>             |  |
| <a href="#">CouplingType</a>                | <a href="#">TrainCC_SystemCode</a>        |  |
| <a href="#">DangerLabel</a>                 | <a href="#">TypeOfIMHarmonizationCode</a> |  |




- [HandBrakeType](#)
- [InfoOnGoodsShapeTypeDanger](#)
- [InteropCapability](#)
- [JourneyLocationTypeCode](#)
- [LivestockOrPeopleIndicator](#)
- [LoadTableStars](#)
- [MessageStatus](#)
- [MRN Type](#)
- [NormalLoadingGauge](#)
- [PackingGroup](#)
- [ProcessType](#)
- [ReasonOfReference](#)
- [RefusalCode](#)
- [RouteClass](#)
- [TractionMode](#)
- [TractionType](#)
- [TrainRadioSystem](#)
- [TrainType](#)
- [TypeOfRemovableAccessories](#)
- [TypeOfUsedHybridPowerunit](#)
- [WheelSetTransformationMethod](#)
- [TypeOfInformationCode](#)
- [TypeOfRequestCode](#)
- [TypeOfRUHarmonizationCode](#)
- [UnitType](#)

element **AirBrakeType**

diagram	<p><b>AirBrakeType</b> 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/3.2																					
type	restriction of <b>xs:token</b>																					
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	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	8																					
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>&lt;xs:element name="AirBrakeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classification of air brake. additional code:     8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>																					

8	<p>No air brake or brake pipeThe code is defined in UIC Leaflet 920-13.</p> <pre style="font-family: monospace; font-size: 0.9em;">                 &lt;/xs:documentation&gt;             &lt;/xs:annotation&gt;             &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:token"&gt;                     &lt;xs:enumeration value="0"/&gt;                     &lt;xs:enumeration value="1"/&gt;                     &lt;xs:enumeration value="2"/&gt;                     &lt;xs:enumeration value="3"/&gt;                     &lt;xs:enumeration value="8"/&gt;                     &lt;xs:enumeration value="9"/&gt;                 &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;             </pre>
---	---


element **BrakeSpecialCharacteristics**

diagram	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">  </div> <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/3.2																											
type	restriction of <b>xs:token</b>																											
properties	content simple																											
facets	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th style="width: 10%;">Kind</th> <th style="width: 10%;">Value</th> <th style="width: 80%;">Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Cast Iron Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Disc Brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation K-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Cast Iron Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Composite Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation L-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation LL-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation Unknown or non-coded information</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Cast Iron Brake Blocks	enumeration	1	documentation Disc Brake	enumeration	2	documentation K-Brake Blocks	enumeration	3	documentation Cast Iron Brake Blocks, single release brake	enumeration	4	documentation Composite Brake Blocks, single release brake	enumeration	5	documentation L-Brake Blocks	enumeration	6	documentation LL-Brake Blocks	enumeration	9	documentation Unknown or non-coded information
Kind	Value	Annotation																										
enumeration	0	documentation Cast Iron Brake Blocks																										
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enumeration	9	documentation Unknown or non-coded information																										
annotation	<p>documentation</p> <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</p>																											

	<p>6 = LL-Brake Blocks 9 = Unknown or non-coded information</p>
<p>source</p>	<pre> &lt;xs:element name="BrakeSpecialCharacteristics"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Cast Iron Brake Blocks&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Disc Brake&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;K-Brake Blocks&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Cast Iron Brake Blocks, single release brake&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Composite Brake Blocks, single release brake&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="5"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;L-Brake Blocks&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="6"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;LL-Brake Blocks&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="9"&gt;     </pre>

	<code>&lt;xs:documentation&gt;Unknown</code> or <code>non-coded</code> <code>&lt;/xs:documentation&gt;</code> <code>&lt;/xs:annotation&gt;</code> <code>&lt;/xs:enumeration&gt;</code> <code>&lt;/xs:restriction&gt;</code> <code>&lt;/xs:simpleType&gt;</code> <code>&lt;/xs:element&gt;</code>
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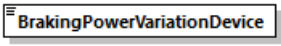
element **BrakeType**

diagram	 <p><b>BrakeType</b></p> <p>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 ...</p>																		
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>																		
type	restriction of <b>xs:token</b>																		
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																		

	<p>enumeration 5  enumeration 6  enumeration 7  enumeration 8  enumeration 9  enumeration 10  enumeration 11  enumeration 12  enumeration 13  enumeration 14</p>
<p>annotation</p>	<p>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</p>
<p>source</p>	<pre>&lt;xs:element name="BrakeType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

	<pre> 12 = R+WB: brake position R with additional brake=eddy current       (German: Wirbelstrombremse) 13 = R+E+Mg: brake position R with additional brake=electro-       brake and magnetic track brake 14 = R+E+WB: brake position R with additional brake=electro-       brake and eddy current brake &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="0"/&gt;     &lt;xs:enumeration value="1"/&gt;     &lt;xs:enumeration value="2"/&gt;     &lt;xs:enumeration value="3"/&gt;     &lt;xs:enumeration value="4"/&gt;     &lt;xs:enumeration value="5"/&gt;     &lt;xs:enumeration value="6"/&gt;     &lt;xs:enumeration value="7"/&gt;     &lt;xs:enumeration value="8"/&gt;     &lt;xs:enumeration value="9"/&gt;     &lt;xs:enumeration value="10"/&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="12"/&gt;     &lt;xs:enumeration value="13"/&gt;     &lt;xs:enumeration value="14"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **BrakingPowerVariationDevice**

diagram	 <p>Coding in 404-2, chapter ...</p>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																		
type	restriction of <b>xs:integer</b>																		
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																	
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																	
annotation	documentation Coding in 404-2, chapter 1.8																		
source	<pre> &lt;xs:element name="BrakingPowerVariationDevice"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Coding in 404-2, chapter 1.8&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt; </pre>																		

	<pre> &lt;xs:enumeration value="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;no braked weight variation   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;empty/loaded manual or automatic device with one     weight&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;empty/loaded manual or automatic device with two     three changeover weights&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;linear auto continuous device with indication of     maximum braked weight&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;non-codable variation device&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **CombinedTrafficLoadProfile**

<p>diagram</p>	<p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> <li>• One option refers to "P" (Semi-trailer/road semi-trailer):             <ul style="list-style-type: none"> <li>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</li> <li>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm.</li> </ul> </li> <li>• The other option refers to "C" (Swap body):             <ul style="list-style-type: none"> <li>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</li> <li>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm.</li> </ul> </li> </ul> <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/3.2</p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><a href="#">P1</a> <a href="#">P2</a> <a href="#">C1</a> <a href="#">C2</a></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"> <li>• One option refers to "P" (Semi-trailer/road semi-trailer):             <ul style="list-style-type: none"> <li>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</li> <li>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm.</li> </ul> </li> <li>• The other option refers to "C" (Swap body):             <ul style="list-style-type: none"> <li>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</li> <li>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm.</li> </ul> </li> </ul> <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>&lt;xs:element name="CombinedTrafficLoadProfile"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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</pre>

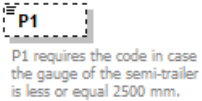


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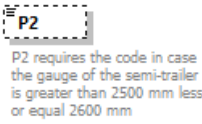
•
The RUs may indicate the relevant values if they are familiar with the IMs
line profiles. In case there is a path request for a train with combined
traffic load, the IM should indicate the possible max. value for all 4 elements
(P1, P2, C1, C2). Further information about Combined Traffic Load Profile can
be seen in the UIC 596-6 Leaflet.
</xs:documentation>
</xs:annotation>
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  <xs:sequence>
    <xs:element name="P1" minOccurs="0">
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semi-trailer is less or equal 2500 mm.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
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          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="P2" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P2 requires the code in case the gauge of the
semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="C1" minOccurs="0">
      <xs:simpleType>
        <xs:annotation>
          <xs:documentation>C1 requires the code in case the gauge of the
swap body is less or equal 2550 mm.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{3}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="C2" minOccurs="0">
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        <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">
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        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

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element **CombinedTrafficLoadProfile/P1**

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type	restriction of <b>xs:string</b>
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> &lt;xs:element name="P1" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P1 requires the code in case the gauge of the semi- trailer is less or equal 2500 mm.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **CombinedTrafficLoadProfile/P2**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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> &lt;xs:element name="P2" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;P2 requires the code in case the gauge of the semi- trailer is greater than 2500 mm less or equal 2600 mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

	<code>&lt;/xs:element&gt;</code>
--	----------------------------------

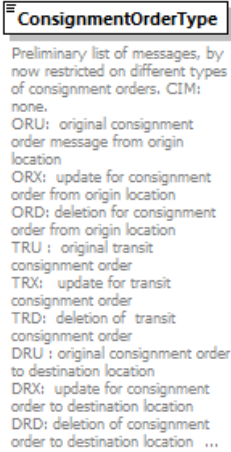
element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
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element **CombinedTrafficLoadProfile/C2**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <b>xs:string</b>
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> &lt;xs:element name="C2" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="\d{3}"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

element **ConsignmentOrderType**

diagram	 <pre> <b>ConsignmentOrderType</b> 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 ...                     </pre>																														
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																														
type	restriction of <b>xs:token</b>																														
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>ORU</td> <td>documentation Subset for RU which fetches consignment at origin.</td> </tr> <tr> <td>enumeration</td> <td>ORX</td> <td>documentation Update for ORU</td> </tr> <tr> <td>enumeration</td> <td>ORD</td> <td>documentation Deletion of ORU</td> </tr> <tr> <td>enumeration</td> <td>TRU</td> <td>documentation Subset for transit RU</td> </tr> <tr> <td>enumeration</td> <td>TRX</td> <td>documentation Update for TRU</td> </tr> <tr> <td>enumeration</td> <td>TRD</td> <td>documentation Deletion of TRU</td> </tr> <tr> <td>enumeration</td> <td>DRU</td> <td>documentation Subset for RU which takes consignment to destination</td> </tr> <tr> <td>enumeration</td> <td>DRX</td> <td>documentation Update for DRU</td> </tr> <tr> <td>enumeration</td> <td>DRD</td> <td>documentation Deletion for DRU</td> </tr> </tbody> </table>	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
Kind	Value	Annotation																													
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enumeration	DRD	documentation Deletion for DRU																													
annotation	<p>documentation</p> <p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none.</p> <p>ORU: original consignment order message from origin location</p> <p>ORX: update for consignment order from origin location</p> <p>ORD: deletion for consignment order from origin location</p> <p>TRU : original transit consignment order</p> <p>TRX: update for transit consignment order</p> <p>TRD: deletion of transit consignment order</p> <p>DRU : original consignment order to destination location</p> <p>DRX: update for consignment order to destination location</p> <p>DRD: deletion of consignment order to destination location</p>																														
source	<pre> &lt;xs:element name="ConsignmentOrderType"&gt;   &lt;xs:annotation&gt;                     </pre>																														

```


<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

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origin.</xs:documentation>
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      </xs:annotation>
    </xs:enumeration>
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destination</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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	<pre> &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DRD"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Deletion for DRU&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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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/3.2																		
type	restriction of <b>xs:token</b>																		
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> &lt;xs:element name="CouplingType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="0"/&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;       &lt;xs:enumeration value="3"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>																		

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element **DangerLabel**

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	enumeration	4.1	
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	enumeration	4.3	

	<p>enumeration 5.1  enumeration 5.2  enumeration 6.1  enumeration 6.2  enumeration 7A  enumeration 7B  enumeration 7C  enumeration 7D  enumeration 7E  enumeration 8  enumeration 9</p>
<p>annotation</p>	<p>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  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>
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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

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element **HandBrakeType**

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type	restriction of <b>xs:token</b>
properties	content simple
facets	Kind Value Annotation enumeration 0

	<p>enumeration 1 enumeration 2</p>
annotation	<p>documentation Classification of hand brake:</p> <p>0 No hand brake 1 Ground-operated hand brake 2 Platform-operated hand brake</p>
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element **InfoOnGoodsShapeTypeDanger**

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>InfoOnGoodsShapeTypeDan...</b></p> </div> <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> <table border="0"> <tr> <td>96</td> <td>Environmentally hazardous substance (RID 5.2.1.8)</td> </tr> <tr> <td>97</td> <td>More than 8 tons of dangerous goods packaged in limited quantities (LQ)</td> </tr> </table> <p>The following documentation serves for the existing codes:</p> <table border="0"> <tr> <td>1</td> <td>Container</td> </tr> <tr> <td>2</td> <td>Other intermodal traffic</td> </tr> <tr> <td>3</td> <td>Rolling road (RR)</td> </tr> <tr> <td>6</td> <td>Semi-Trailer on bogies</td> </tr> <tr> <td>10</td> <td>1 - danger of explosion (subclass 1.1, 1.2, 1.3)</td> </tr> <tr> <td>14</td> <td>1.4 - danger of explosion (subclass 1.4)</td> </tr> <tr> <td>15</td> <td>1.5 - danger of explosion (subclass 1.5)</td> </tr> <tr> <td>16</td> <td>1.6 - danger of explosion (subclass 1.6)</td> </tr> <tr> <td>21</td> <td>2.1 - inflammable gases</td> </tr> <tr> <td>22</td> <td>2.2 - non inflammable, non-toxic gases</td> </tr> <tr> <td>23</td> <td>2.3 - toxic gases</td> </tr> <tr> <td>30</td> <td>3 - fire hazard (inflammable liquids)</td> </tr> <tr> <td>41</td> <td>4.1 - fire hazard (inflammable solids)</td> </tr> <tr> <td>42</td> <td>4.2 - spontaneously inflammable</td> </tr> <tr> <td>43</td> <td>4.3 - gives off inflammable gas on contact with water</td> </tr> <tr> <td>51</td> <td>5.1 - combustible substance</td> </tr> <tr> <td>52</td> <td>5.2 - organic peroxide</td> </tr> <tr> <td>61</td> <td>6.1 - toxic substance</td> </tr> <tr> <td>62</td> <td>6.2 - infectious substance</td> </tr> <tr> <td>71</td> <td>7A - radioactive substance in category I packing WHITE</td> </tr> <tr> <td>72</td> <td>7B - radioactive substance in category II packing YELLOW</td> </tr> <tr> <td>73</td> <td>7C - radioactive substance in category III packing YELLOW</td> </tr> <tr> <td>74</td> <td>7D - Common label for radioactive substances included under 7A, 7B + 7C</td> </tr> <tr> <td>75</td> <td>7E - fissile substance</td> </tr> <tr> <td>80</td> <td>8 - corrosive substance</td> </tr> <tr> <td>90</td> <td>Various dangerous substance and objects not covered by the other classes</td> </tr> <tr> <td>98</td> <td>Livestock</td> </tr> <tr> <td>99</td> <td>Perishables</td> </tr> </table>	96	Environmentally hazardous substance (RID 5.2.1.8)	97	More than 8 tons of dangerous goods packaged in limited quantities (LQ)	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 - fissile substance	80	8 - corrosive substance	90	Various dangerous substance and objects not covered by the other classes	98	Livestock	99	Perishables
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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</p> <p>98 Livestock</p> <p>99 Perishables</p>
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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
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71	7A - radioactive substance in category I packing WHITE
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75	7E - fissible substance
80	8 - corrosive substance
90	Various dangerous substance and objects not covered by the other classes
98	Livestock
99	Perishables

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element **InteropCapability**

diagram	<p>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</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:integer</b>		
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	enumeration	3	documentation RIV
	enumeration	5	documentation TEN
	enumeration	6	documentation TEN-GE
	enumeration	7	documentation TEN-CW
	enumeration	8	documentation TEN RIV
annotation	documentation		
	Identification of the general interoperability capability of the wagon. 1 = National 2 = Bi-/Multilateral (with agreement or authorisation grid) 3 = RIV 5 = TEN 6 = TEN-GE 7 = TEN-CW 8 = TEN RIV		

source	<pre> &lt;xs:element name="InteropCapability"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:totalDigits value="2"/&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;National&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Bi-/Multilateral (with agreement or authorisation grid)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;RIV&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="5"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TEN&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="6"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TEN-GE&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="7"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TEN-CW&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="8"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TEN RIV&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **JourneyLocationTypeCode**

diagram	<pre> 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 ...                     </pre>																																	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																	
type	restriction of <b>xs:token</b>																																	
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>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>99</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	99	
Kind	Value	Annotation																																
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source	<pre> &lt;xs:element name="JourneyLocationTypeCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;                     </pre>																																	




	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration     &lt;xs:enumeration   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>	<pre> base="xs:token"&gt; value="01"/&gt; value="02"/&gt; value="03"/&gt; value="04"/&gt; value="05"/&gt; value="06"/&gt; value="07"/&gt; value="08"/&gt; value="09"/&gt; value="99"/&gt; </pre>
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element **LivestockOrPeopleIndicator**


diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:integer</b>										
properties	content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		
Kind	Value	Annotation									
enumeration	0										
enumeration	1										
annotation	documentation Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'										
source	<pre> &lt;xs:element   name="LivestockOrPeopleIndicator"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.'<!--&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction       &lt;xs:enumeration       &lt;xs:enumeration     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre--> </pre>										

element **LoadTableStars**

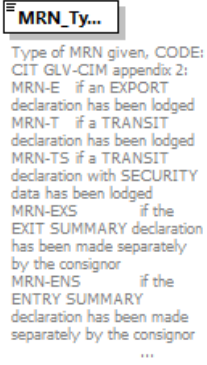
diagram	 <p>Number of load table stars.          1 = Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.          2 = Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) 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-proporti...</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:integer</b>															
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.
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source	<pre>&lt;xs:element name="LoadTableStars"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:totalDigits value="1"/&gt;       &lt;xs:enumeration value="1"&gt;</pre>															

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Authorized 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.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **MessageStatus**

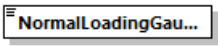
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:token</b>												
properties	content simple												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</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> &lt;xs:element name="MessageStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Assigned by the Sender 1=creation, 2=modification,     3=deletion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;       &lt;xs:enumeration value="3"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

element **MRN\_Type**

diagram	 <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>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																		
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source	<pre>&lt;xs:element name="MRN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="MRN-E"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;if an EXPORT declaration has been lodged         &lt;/xs:documentation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>																		

	<pre> lodged&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="MRN-T"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;if a TRANSIT declaration has been lodged&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="MRN-TS"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;if a TRANSIT declaration with SECURITY data has been   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="MRN-EXS"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;if the EXIT SUMMARY declaration has been made separately by the consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="MRN-ENS"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;if the ENTRY SUMMARY declaration has been made separately by the consignor&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **NormalLoadingGauge**

diagram	 <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, th...</p>																								
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type	restriction of <b>xs:token</b>																								
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	<p>enumeration GB-M6</p> <p>enumeration GHE16</p> <p>enumeration W6-A</p> <p>enumeration SEa</p>
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> &lt;xs:element name="NormalLoadingGauge"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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.     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="G1"/&gt;       &lt;xs:enumeration value="G2"/&gt;       &lt;xs:enumeration value="GA"/&gt;       &lt;xs:enumeration value="GB"/&gt;       &lt;xs:enumeration value="GC"/&gt;       &lt;xs:enumeration value="GB1"/&gt;       &lt;xs:enumeration value="GB2"/&gt;       &lt;xs:enumeration value="GB-M6"/&gt;       &lt;xs:enumeration value="GHE16"/&gt;       &lt;xs:enumeration value="W6-A"/&gt;       &lt;xs:enumeration value="SEa"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>

**element PackingGroup**

diagram	<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 &amp;lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>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>
namespace	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>

type	restriction of <b>xs:token</b>												
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>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												
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I	High danger	RID chapter 3.2, table A, column 4											
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source	<pre> &lt;xs:element name="PackingGroup"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &amp;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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="I"/&gt;       &lt;xs:enumeration value="II"/&gt;       &lt;xs:enumeration value="III"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>												

element **ProcessType**

diagram	<p><b>ProcessType</b></p> <p>Process type to further distinguish among type of requests. Possible process types:</p> <ul style="list-style-type: none"> <li>0 = New Path Request and allocation process for annual timetable</li> <li>1 = Late Path Request and allocation process for annual timetable</li> <li>2 = Short-term path request and allocation process</li> <li>3 = Rolling Planning path request and allocation process</li> <li>4 = Feasibility Study process</li> <li>5 = Path Modification process (triggered by applicant)</li> <li>6 = Path Alteration process (triggered by IM)</li> <li>7 = Pre-arranged Path publication by RFC</li> <li>8 = Catalogue Path publication by IM</li> </ul>																														
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																														
type	restriction of <b>xs:token</b>																														
properties	content simple																														
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element ReasonOfReference

<p>diagram</p>																			
<p>namespace</p>	<p>http://www.era.europa.eu/schemes/TAFTSI/3.2</p>																		
<p>type</p>	<p>restriction of <b>xs:string</b></p>																		
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	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
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	enumeration	1013	documentation Replaced path after modification by ResponsibleApplicant
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	<p>(Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer.</p> <p>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).</p> <p>1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)</p> <p>1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant (Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)</p> <p>1014 = New Route (Additional information: Reference to previous Route replaced by the new Route)</p> <p>1015 = Updated Route (Additional information: Reference to the Route that is updated)</p> <p>5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes:</p> <p>DE01 = Reference to an associated empty/transfer train (Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)</p> <p>DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without</p>
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	<p>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.)</p>
<p>source</p>	<pre>&lt;xs:element name="ReasonOfReference"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.)</pre>

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1013	=	Replaced path after modification by ResponsibleApplicant (Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)
1014	=	New Route (Additional information: Reference to previous Route replaced by the new Route)
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5001	=	Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes:
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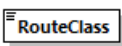
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	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1014"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;New                                 Route&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1015"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Updated                                 Route&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5001"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to another object on the basis of incident management in operations phase&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE01"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to an associated empty/transfer train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE02"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to an associated main run&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE03"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Notice                                 stated PathRequestMessage&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE04"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Replacement of stated train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE05"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reference to a reserved capacity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="DE06"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Use of same OTN as of stated train&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **RefusalCode**

diagram	 <p>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
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 Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</p>									
source	<pre>&lt;xs:element name="RefusalCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:integer"&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>									

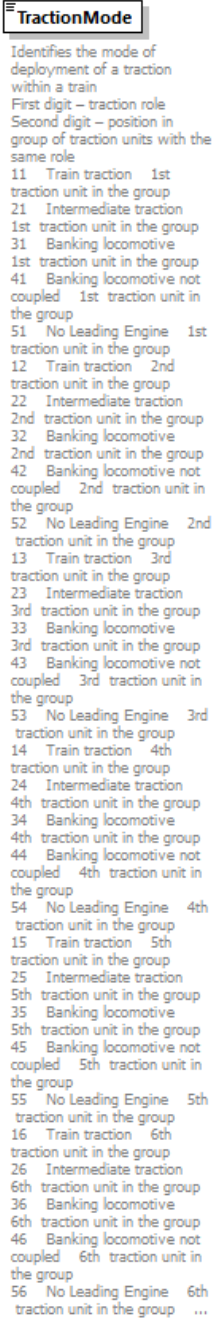
element **RouteClass**

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 sys...</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:string</b>												
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> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	3		enumeration	A	
Kind	Value	Annotation											
minLength	1												
maxLength	3												
enumeration	A												

	<p>enumeration B</p> <p>enumeration B1</p> <p>enumeration B2</p> <p>enumeration C</p> <p>enumeration C2</p> <p>enumeration C3</p> <p>enumeration C4</p> <p>enumeration CM</p> <p>enumeration CM2</p> <p>enumeration CM3</p> <p>enumeration CM4</p> <p>enumeration CE</p> <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> &lt;xs:element name="RouteClass"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:minLength value="1"/&gt;       &lt;xs:maxLength value="3"/&gt;       &lt;xs:enumeration value="A"/&gt;       &lt;xs:enumeration value="B"/&gt;       &lt;xs:enumeration value="B1"/&gt;       &lt;xs:enumeration value="B2"/&gt;       &lt;xs:enumeration value="C"/&gt;       &lt;xs:enumeration value="C2"/&gt;       &lt;xs:enumeration value="C3"/&gt;       &lt;xs:enumeration value="C4"/&gt;       &lt;xs:enumeration value="CM"/&gt;       &lt;xs:enumeration value="CM2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; </pre>

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element **TractionMode**

<p>diagram</p>	 <p><b>TractionMode</b></p> <p>Identifies the mode of deployment of a traction unit within a train</p> <p>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 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>namespace</p>	<p><a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a></p>																					
<p>type</p>	<p>restriction of <b>xs:integer</b></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>minInclusive</td> <td>11</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>11</td> <td></td> </tr> <tr> <td>enumeration</td> <td>21</td> <td></td> </tr> <tr> <td>enumeration</td> <td>31</td> <td></td> </tr> <tr> <td>enumeration</td> <td>41</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	11		maxInclusive	99		enumeration	11		enumeration	21		enumeration	31		enumeration	41	
Kind	Value	Annotation																				
minInclusive	11																					
maxInclusive	99																					
enumeration	11																					
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enumeration	31																					
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	<p>enumeration 51</p> <p>enumeration 12</p> <p>enumeration 22</p> <p>enumeration 32</p> <p>enumeration 42</p> <p>enumeration 52</p> <p>enumeration 13</p> <p>enumeration 23</p> <p>enumeration 33</p> <p>enumeration 43</p> <p>enumeration 53</p> <p>enumeration 14</p> <p>enumeration 24</p> <p>enumeration 34</p> <p>enumeration 44</p> <p>enumeration 54</p> <p>enumeration 15</p> <p>enumeration 25</p> <p>enumeration 35</p> <p>enumeration 45</p> <p>enumeration 55</p> <p>enumeration 16</p> <p>enumeration 26</p> <p>enumeration 36</p> <p>enumeration 46</p> <p>enumeration 56</p>
annotation	<p>documentation</p> <p>Identifies the mode of deployment of a traction within a train</p> <p>First digit – traction role</p> <p>Second digit – position in group of traction units with the same role</p> <p>11 Train traction 1st traction unit in the group</p> <p>21 Intermediate traction 1st traction unit in the group</p> <p>31 Banking locomotive 1st traction unit in the group</p> <p>41 Banking locomotive not coupled 1st traction unit in the group</p> <p>51 No Leading Engine 1st traction unit in the group</p> <p>12 Train traction 2nd traction unit in the group</p> <p>22 Intermediate traction 2nd traction unit in the group</p> <p>32 Banking locomotive 2nd traction unit in the group</p> <p>42 Banking locomotive not coupled 2nd traction unit in the group</p> <p>52 No Leading Engine 2nd traction unit in the group</p> <p>13 Train traction 3rd traction unit in the group</p> <p>23 Intermediate traction 3rd traction unit in the group</p> <p>33 Banking locomotive 3rd traction unit in the group</p> <p>43 Banking locomotive not coupled 3rd traction unit in the group</p> <p>53 No Leading Engine 3rd traction unit in the group</p> <p>14 Train traction 4th traction unit in the group</p> <p>24 Intermediate traction 4th traction unit in the group</p> <p>34 Banking locomotive 4th traction unit in the group</p> <p>44 Banking locomotive not coupled 4th traction unit in the group</p> <p>54 No Leading Engine 4th traction unit in the group</p> <p>15 Train traction 5th traction unit in the group</p> <p>25 Intermediate traction 5th traction unit in the group</p> <p>35 Banking locomotive 5th traction unit in the group</p> <p>45 Banking locomotive not coupled 5th traction unit in the group</p> <p>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>source</p>	<pre> &lt;xs:element name="TractionMode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the mode of deployment of a traction within     a     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   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="11"/&gt;     &lt;xs:maxInclusive value="99"/&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="21"/&gt;     &lt;xs:enumeration value="31"/&gt;     &lt;xs:enumeration value="41"/&gt;     &lt;xs:enumeration value="51"/&gt;     &lt;xs:enumeration value="12"/&gt;     &lt;xs:enumeration value="22"/&gt;     &lt;xs:enumeration value="32"/&gt;     &lt;xs:enumeration value="42"/&gt;     &lt;xs:enumeration value="52"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;                 </pre>



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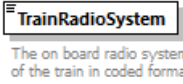
element **TractionType**

diagram	 <p>Identifies the type of a locomotive:                  First digit:                  "0" = not specified                  "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev)                  "2" = on-board traction power supply for traction without external electrical or other power supply available                  "3" = hybrid traction (both on-board or electric traction available)                  Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014):                  "0" = not specified                  "1" = locomotive or power unit                  "2" = trainset or multiple unit or railcar                  "3" = shunter                  "4" = on track machine or infrastructure inspection vehicle</p>		
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>		
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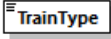
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<p>annotation</p>	<p>documentation  Identifies the type of a locomotive:  First digit:  "0" = not specified  "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev)  "2" = on-board traction power supply for traction without external electrical or other power supply available  "3" = hybrid traction (both on-board or electric traction available)  Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014):  "0" = not specified  "1" = locomotive or power unit  "2" = trainset or multiple unit or railcar  "3" = shunter  "4" = on track machine or infrastructure inspection vehicle</p>
<p>source</p>	<pre> &lt;xs:element name="TractionType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="00"/&gt;       &lt;xs:enumeration value="01"/&gt;       &lt;xs:enumeration value="02"/&gt;       &lt;xs:enumeration value="03"/&gt;       &lt;xs:enumeration value="04"/&gt;       &lt;xs:enumeration value="10"/&gt;       &lt;xs:enumeration value="11"/&gt;       &lt;xs:enumeration value="12"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; </pre>

	<pre> &lt;xs:enumeration value="13"/&gt; &lt;xs:enumeration value="14"/&gt; &lt;xs:enumeration value="20"/&gt; &lt;xs:enumeration value="21"/&gt; &lt;xs:enumeration value="22"/&gt; &lt;xs:enumeration value="23"/&gt; &lt;xs:enumeration value="24"/&gt; &lt;xs:enumeration value="30"/&gt; &lt;xs:enumeration value="31"/&gt; &lt;xs:enumeration value="32"/&gt; &lt;xs:enumeration value="33"/&gt; &lt;xs:enumeration value="34"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>	
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element **TrainRadioSystem**

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of <b>xs:token</b>										
properties	content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		
Kind	Value	Annotation									
enumeration	1										
enumeration	2										
annotation	documentation The on board radio system of the train in coded format										
source	<pre> &lt;xs:element name="TrainRadioSystem"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;The on board radio system of the train in coded format&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"/&gt;       &lt;xs:enumeration value="2"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;                 </pre>										

element **TrainType**

<p>diagram</p>	 <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:          Transport of passengers          Transport of freight/goods          Transport of passengers and freight/goods          Train only for run of traction unit/locomotive          Train of the IM in case of emergency          The element is not repeatable, and it does not support any overlapping meaning. Following codes are available:          1 - Passenger train          2 - Freight train          3 - Locomotive train          4 - Maintenance train          5 - Emergency train          6 - Mixed train (passenger and freight train in combination)          0 - Other train</p>																								
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<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>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> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6	
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enumeration	1																								
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enumeration	5																								
enumeration	6																								
<p>annotation</p>	<p>documentation          Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:          Transport of passengers          Transport of freight/goods          Transport of passengers and freight/goods          Train only for run of traction unit/locomotive          Train of the IM in case of emergency          The element is not repeatable, and it does not support any overlapping meaning. Following codes are available:          1 - Passenger train          2 - Freight train          3 - Locomotive train          4 - Maintenance train          5 - Emergency train          6 - Mixed train (passenger and freight train in combination)          0 - Other train</p>																								
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1	-	Passenger	train
2	-	Freight	train
3	-	Locomotive	train
4	-	Maintenance	train
5	-	Emergency	train
6	-	Mixed train (passenger and freight train in combination)	
0	-	Other	train

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element **TypeOfRemovableAccessories**

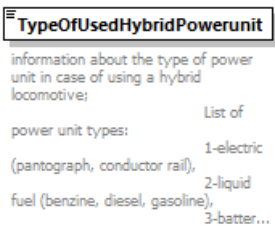
diagram	<p><b>TypeOfRemovableAccessories</b></p> <p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> <li>01 = Removable stanchion</li> <li>02 = Removable side flap of flat wagon</li> <li>03 = Removable end flap of flat wagon</li> <li>04 = Removable side rail</li> <li>05 = Removable intermediate upright for securing the load</li> <li>06 = Stanchion chain</li> <li>07 = Removable handle and wheel for winch on car-carrying wagon</li> <li>08 = Swivelling bolster (with stanchions)</li> <li>09 = Coupling rod (rigid coupling)</li> <li>10 = Ice bunker</li> <li>11 = Ice bunker screen</li> <li>12 = Ice bunker frame</li> <li>13 = Trestle or bar with hooks for hanging meat</li> <li>14 = Movable cross-member of wagon with low loading plane</li> <li>15 = Removable support</li> <li>16 = Mooring cross-member on wagon for special loads</li> <li>17 = Movable floor panel on wagon for special loads</li> <li>18 = Scotch</li> <li>19 = Skid bar with or without shoes on car-carrying wagon</li> <li>20 = Mooring strap on car-carrying wagon</li> <li>21 = Beam for movable ramp on car-carrying wagon</li> <li>22 = Spare heating half-coupling</li> <li>23 = Fire extinguisher</li> <li>24 = Wheel scotches (for cars) on car-carrying wagon</li> <li>25 = Gangway loading ramp on car-carrying wagon</li> <li>26 = Metal cradles for rolls of metal sheeting</li> <li>27 = Panel for covering markings</li> <li>28 = Loading frame for special types of goods</li> <li>29 = Headstock for "rolling roads"99 ...</li> </ul>
namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
type	restriction of <b>xs:token</b>

properties	content simple																																																																																													
facets	<table border="1"> <thead> <tr> <th data-bbox="300 293 427 320">Kind</th> <th data-bbox="448 293 512 320">Value</th> <th data-bbox="533 293 639 320">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> <tr><td>enumeration</td><td>25</td><td></td></tr> <tr><td>enumeration</td><td>26</td><td></td></tr> <tr><td>enumeration</td><td>27</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>99</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		enumeration	25		enumeration	26		enumeration	27		enumeration	28		enumeration	29		enumeration	99	
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	<p>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>
<p>source</p>	<pre> &lt;xs:element name="TypeOfRemovableAccessories"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specification of removable accessory.     Should be added to Code List. 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   &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="01"/&gt;     &lt;xs:enumeration value="02"/&gt;     &lt;xs:enumeration value="03"/&gt;     &lt;xs:enumeration value="04"/&gt;     &lt;xs:enumeration value="05"/&gt;     &lt;xs:enumeration value="06"/&gt;     &lt;xs:enumeration value="07"/&gt;     &lt;xs:enumeration value="08"/&gt;     &lt;xs:enumeration value="09"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;                 </pre>

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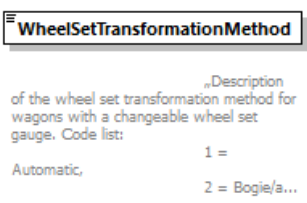
element **TypeOfUsedHybridPowerunit**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:token</b>		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	1	documentation electric (pantograph, conductor rail)
	enumeration	2	documentation liquid fuel (benzine, diesel, gasoline)
	enumeration	3	documentation battery
	enumeration	4	documentation hydrogen
annotation	documentation information about the type of power unit in case of using a hybrid locomotive; List of power unit types: 1-electric (pantograph, conductor rail), 2-liquid fuel (benzine, diesel, gasoline), 3-battery, 4-hydrogen		



source	<pre> &lt;xs:element name="TypeOfUsedHybridPowerunit"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;electric (pantograph, conductor rail)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;liquid fuel (benzine, diesel, gasoline)&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="3"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;battery&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;hydrogen&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>
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element **WheelSetTransformationMethod**

diagram	 <p>„Description of the wheel set transformation method for wagons with a changeable wheel set gauge. Code list:</p> <ul style="list-style-type: none"> <li>1 = Automatic,</li> <li>2 = Bogie/a...</li> </ul>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:token</b>									
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 wheel set gauge. Code list: 1 = Automatic, 2 = Bogie/axle change
source	<pre> &lt;xs:element name="WheelSetTransformationMethod"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       „Description of the wheel set transformation method for       wagons with a changeable wheel set gauge. Code list:       1 = Automatic,       2 = Bogie/axle change     &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction base="xs:token"&gt;         &lt;xs:enumeration value="1"/&gt;         &lt;xs:enumeration value="2"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:element&gt; </pre>

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:token</b>									
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	documentation Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)									
source	<pre> &lt;xs:simpleType name="ConsignmentTypeCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of a waybill.     CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)     &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:enumeration value="CIM"/&gt;       &lt;xs:enumeration value="Other"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; </pre>									

simpleType **DelayCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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type	restriction of <b>xs:token</b>		
properties	base	xs:token	
facets	Kind	Value	Annotation
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	enumeration	10	
	enumeration	12	
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	enumeration	40	
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	enumeration	81	
	enumeration	82	
	enumeration	83	
	enumeration	84	
	enumeration	89	
	enumeration	90	
	enumeration	91	

	<p>enumeration 92 enumeration 93 enumeration 94 enumeration 95</p>
<p>annotation</p>	<p>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</p>
<p>source</p>	<pre> &lt;xs:simpleType name="DelayCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="10"/&gt;     &lt;xs:enumeration value="12"/&gt;   &lt;/xs:restriction&gt; </pre>

	<pre> &lt;xs:enumeration value="13"/&gt; &lt;xs:enumeration value="14"/&gt; &lt;xs:enumeration value="18"/&gt; &lt;xs:enumeration value="19"/&gt; &lt;xs:enumeration value="20"/&gt; &lt;xs:enumeration value="21"/&gt; &lt;xs:enumeration value="22"/&gt; &lt;xs:enumeration value="23"/&gt; &lt;xs:enumeration value="24"/&gt; &lt;xs:enumeration value="25"/&gt; &lt;xs:enumeration value="28"/&gt; &lt;xs:enumeration value="29"/&gt; &lt;xs:enumeration value="31"/&gt; &lt;xs:enumeration value="30"/&gt; &lt;xs:enumeration value="32"/&gt; &lt;xs:enumeration value="39"/&gt; &lt;xs:enumeration value="40"/&gt; &lt;xs:enumeration value="41"/&gt; &lt;xs:enumeration value="50"/&gt; &lt;xs:enumeration value="51"/&gt; &lt;xs:enumeration value="52"/&gt; &lt;xs:enumeration value="53"/&gt; &lt;xs:enumeration value="54"/&gt; &lt;xs:enumeration value="58"/&gt; &lt;xs:enumeration value="59"/&gt; &lt;xs:enumeration value="60"/&gt; &lt;xs:enumeration value="61"/&gt; &lt;xs:enumeration value="62"/&gt; &lt;xs:enumeration value="63"/&gt; &lt;xs:enumeration value="64"/&gt; &lt;xs:enumeration value="68"/&gt; &lt;xs:enumeration value="70"/&gt; &lt;xs:enumeration value="69"/&gt; &lt;xs:enumeration value="71"/&gt; &lt;xs:enumeration value="80"/&gt; &lt;xs:enumeration value="81"/&gt; &lt;xs:enumeration value="82"/&gt; &lt;xs:enumeration value="83"/&gt; &lt;xs:enumeration value="84"/&gt; &lt;xs:enumeration value="89"/&gt; &lt;xs:enumeration value="90"/&gt; &lt;xs:enumeration value="91"/&gt; &lt;xs:enumeration value="92"/&gt; &lt;xs:enumeration value="93"/&gt; &lt;xs:enumeration value="94"/&gt; &lt;xs:enumeration value="95"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>	
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simpleType **InfoIndex**

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type	restriction of <b>xs:string</b>
properties	base xs:string
facets	Kind Value Annotation

	enumeration 10 enumeration 20 enumeration 30
annotation	documentation indicates additional information
source	<pre> &lt;xs:simpleType name="InfoIndex"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;indicates additional information&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="10"/&gt;     &lt;xs:enumeration value="20"/&gt;     &lt;xs:enumeration value="30"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>

### simpleType **MessageCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <b>xs:integer</b>									
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> &lt;xs:simpleType name="MessageCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Identifies the type of message&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:integer"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:maxInclusive value="9999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>									

### simpleType **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
type	restriction of <b>xs:token</b>																											
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> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15	
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	<p>enumeration 18</p> <p>enumeration 25</p> <p>enumeration 30</p> <p>enumeration 31</p> <p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p> <p>enumeration 35</p> <p>enumeration 36</p> <p>enumeration 37</p> <p>enumeration 38</p> <p>enumeration 39</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 50</p> <p>enumeration 52</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 71</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 94</p> <p>enumeration 99</p>																																				
annotation	<p>documentation</p> <p>restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p style="text-align: right;">F = Freight</p> <p>P = Passenger</p> <p>T = Technical</p> <p>D = Damage</p> <p>L = Load</p> <table border="1"> <thead> <tr> <th>Code</th> <th>F or P</th> <th>Description</th> <th>T</th> <th>D</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>07</td> <td>F</td> <td>Shunt only when hand brake operable with ground staff</td> <td></td> <td></td> <td></td> </tr> <tr> <td>08</td> <td>F</td> <td>Tank wagon loaded with liquid</td> <td></td> <td></td> <td>x</td> </tr> <tr> <td>09</td> <td>F</td> <td>Wagon loaded with people</td> <td>x</td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>F</td> <td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td> <td>x</td> <td></td> <td></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</td> <td></td> <td>x</td> <td></td> </tr> </tbody> </table>	Code	F or P	Description	T	D	L	07	F	Shunt only when hand brake operable with ground staff				08	F	Tank wagon loaded with liquid			x	09	F	Wagon loaded with people	x			11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres	x			12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a		x	
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11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres	x																																		
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a		x																																	

		distance of 17,50 metres	x				
13	F	Bogie wagon with distance between wheels of more than 17,50 metres					
15	F	Wagon not allowed over the hump	x				
16	F	Do not fly shunt or gravity shunt (3 red triangles)	x	x	x		
18	F	Must not use active braking equipment				x	x
25	F	Gas carrying tank wagon with orange side stripe	x				
30	P (+F)	CCS fault (see CCS coding list)				x	
31	P (+F)	Braking system fault	x				
32	P (+F)	Wheelset, bogie fault			x		
33	P (+F)	Headlighting or back lighting fault				x	
34	P (+F)	Front glass broken	x				
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
			x	x	x		



	42	F	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
	62	F	Wagon forming part of a group of wagons from which it must not be separated			x	
	63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x			
	68	F	First or last wagon of a wagon group from which it must not be separated	x      x			
	70	F	Shunt with care (1 red triangle)	x			
	71	F	Shunt with special care (2 red triangle)	x      x      x			
	90	x P	x      x Train planned with passengers operated without passengers				
	91	P	Train planned without passengers operated with passengers			x	
	92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)			x	
	94	x F	x Gas carrying wagon without orange side stripe				
	99	P	Other				x
		x					x
source	<pre>&lt;xs:simpleType name="RestrictionCodes"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       All codes of       Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers       Traffic are in the same list.       F = Freight       P = Passenger       T = Technical       D = Damage       L = Load     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:simpleType&gt;</pre>						

Code	F or P	Description
		T      D      L
07	F	Shunt only when hand brake operable with ground staff
	x	x
08	F	Tank wagon loaded with liquid
		x
09	F	Wagon loaded with people
		x
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
		x
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
		x
13	F	Bogie wagon with distance between wheels of more than 17,50 metres
		x
15	F	Wagon not allowed over the hump
		x      x      x
16	F	Do not fly shunt or gravity shunt (3 red triangles)
		x      x      x
18	F	Must not use active braking equipment
		x
25	F	Gas carrying tank wagon with orange side stripe
		x
30	P (+F)	CCS fault (see CCS coding list)
		x
31	P (+F)	Braking system fault
		x
32	P (+F)	Wheelset, bogie fault
		x
33	P (+F)	Headlighting or back lighting fault
		x
		x
34	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	F	Place this wagon at the rear of the train		x	x	x					
50	P (+F)	Speed restriction		x	x	x					
52	P (+F)	Diesel locomotive instead of electric locomotive							x	x	
61	x F	(X) Wagon forming part of a consignment of several wagons									F
62	x F	Wagon forming part of a group of wagons from which it must not be separated									
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one								x	x
68	F	First or last wagon of a wagon group from which it must not be separated									
70	F	Shunt with care (1 red triangle)								x	
71	F	Shunt with special care (2 red triangle)							x	x	x

				x	x	x	
90	P		Train planned with passengers operated without passengers				
		x					
91	P		Train planned without passengers operated with passengers				
		x					
92	P		Train planned with hauled rolling stock and operated without any coaches (light engine)				
				x	x		
94	F		Gas carrying wagon without orange side stripe				
		x					
99	P		Other				
		x					x
		x					
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simpleType **RunningStatus**

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properties	base	xs:token																																																																													
facets	Kind	Value	Annotation																																																																												
	enumeration	00																																																																													
	enumeration	01																																																																													
	enumeration	02																																																																													
	enumeration	03																																																																													
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	enumeration	06																																																																													
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	enumeration	17																																																																													
	enumeration	18																																																																													
	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="0"> <tr> <td>00</td> <td>Not</td> <td></td> <td>specified</td> </tr> <tr> <td>01</td> <td>Arrival</td> <td>at</td> <td>destination</td> </tr> <tr> <td>02</td> <td>Departure</td> <td>at</td> <td>origin</td> </tr> <tr> <td>03</td> <td>Intermediate</td> <td></td> <td>arrival</td> </tr> <tr> <td>04</td> <td>Intermediate</td> <td></td> <td>departure</td> </tr> <tr> <td>05</td> <td>Pass</td> <td></td> <td>through</td> </tr> <tr> <td></td> <td></td> <td>06</td> <td>NEW CODES: Some IMs are transmitting these codes (6 - 9)</td> </tr> <tr> <td>07</td> <td></td> <td></td> <td></td> </tr> <tr> <td>08</td> <td></td> <td></td> <td></td> </tr> <tr> <td>09</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td colspan="3">Not specified for wagon Starting from 10, the values are only wagon related.</td> </tr> <tr> <td>11</td> <td colspan="3">Wagon arrival at its destination by train</td> </tr> <tr> <td>12</td> <td colspan="3">Wagon departure from its station of origin by train</td> </tr> <tr> <td>13</td> <td colspan="3">Wagon arrival at reporting point by train</td> </tr> <tr> <td>14</td> <td colspan="3">Wagon departure from reporting point by train</td> </tr> <tr> <td>15</td> <td colspan="3">Wagon run-through at reporting point by train</td> </tr> <tr> <td>16</td> <td colspan="3">Wagon parked at reporting point</td> </tr> <tr> <td>17</td> <td colspan="3">Wagon shunted at reporting point</td> </tr> <tr> <td>18</td> <td colspan="3">Wagon arrived at reporting point</td> </tr> </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		
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17	Wagon shunted at reporting point																																																																														
18	Wagon arrived at reporting point																																																																														

	<p>19 Wagon departure from reporting point</p>
<p>source</p>	<pre> &lt;xs:simpleType name="RunningStatus"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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 01 Arrival at destination 02 Departure at origin 03 Intermediate arrival 04 Intermediate departure 05 Pass through - 9) 06 NEW CODES: Some IMs are transmitting these codes (6 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  &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:token"&gt;   &lt;xs:enumeration value="00"/&gt;   &lt;xs:enumeration value="01"/&gt;   &lt;xs:enumeration value="02"/&gt;   &lt;xs:enumeration value="03"/&gt;   &lt;xs:enumeration value="04"/&gt;   &lt;xs:enumeration value="05"/&gt;   &lt;xs:enumeration value="06"/&gt;   &lt;xs:enumeration value="07"/&gt;   &lt;xs:enumeration value="08"/&gt;   &lt;xs:enumeration value="09"/&gt;   &lt;xs:enumeration value="10"/&gt;   &lt;xs:enumeration value="11"/&gt;   &lt;xs:enumeration value="12"/&gt;   &lt;xs:enumeration value="13"/&gt;   &lt;xs:enumeration value="14"/&gt;   &lt;xs:enumeration value="15"/&gt;   &lt;xs:enumeration value="16"/&gt;   &lt;xs:enumeration value="17"/&gt;   &lt;xs:enumeration value="18"/&gt;   &lt;xs:enumeration value="19"/&gt; &lt;/xs:restriction&gt; </pre>

	<code>&lt;/xs:simpleType&gt;</code>
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simpleType **TrainCC\_SystemCode**

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properties	base xs:token		
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	enumeration	38	
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	enumeration 40
	enumeration 41
	enumeration 42
	enumeration 43
	enumeration 44
	enumeration 45
	enumeration 46
	enumeration 47
	enumeration 48
	enumeration 49
	enumeration 50
	enumeration 51
	enumeration 52
	enumeration 53
	enumeration 54
annotation	<p>documentation</p> <p>Type of Train Control System of the train in coded values.</p> <p>1 ALSN</p> <p>2 ASFA</p> <p>3 ATB 1st Gen</p> <p>4 ATB Next Gen</p> <p>5 ATC</p> <p>6 ATP</p> <p>7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I)</p> <p>8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)</p> <p>9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II)</p> <p>10 Crocodile</p> <p>11 DAAT</p> <p>12 EBICAB 700</p> <p>13 EBICAB 900</p> <p>14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA))</p> <p>15 ETCS L1 LS plus EuroZUB</p> <p>16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d)</p> <p>17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d)</p> <p>18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0)</p> <p>19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0)</p> <p>20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0)</p> <p>21 ETCS Level 0</p> <p>22 ETCS Level 1</p> <p>23 ETCS Level 2</p> <p>24 ETCS Level 3</p> <p>25 ETCS Level NSC</p> <p>26 EVM</p> <p>27 Indusi 54</p> <p>28 Indusi 60 R</p> <p>29 Indusi PZ 80</p> <p>30 KBS-E</p> <p>31 KCVB</p> <p>32 KCVB</p> <p>33 KVB</p> <p>34 KVB</p> <p>35 LS</p> <p>36 LS 90</p> <p>37 LS I</p> <p>38 LS III</p> <p>39 LS IV</p> <p>40 LZB</p> <p>41 Mirel</p>



	42		NEXTEO
	43		PZB
	44		PZB90
	45		SCMT
	46		SHP
	47		SIFA
	48	STM	ASFA
	49	STM	LZB
	50	TBL	1
	51	TBL	2
	52	TVM	300
	53	TVM	430
	54	ZUB	
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37		LS	I
38		LS	III
39		LS	IV
40			LZB
41			Mirel
42			NEXTEO
43			PZB
44			PZB90
45			SCMT
46			SHP
47			SIFA
48		STM	ASFA
49		STM	LZB
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51		TBL	2
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54		ZUB	</xs:documentation>
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**simpleType TypeOfIMHarmonizationCode**

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type	restriction of <b>xs:string</b>		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	Full	
	enumeration	Part	
annotation	documentation Enumeration of Type of IM harmonization: Full, Part		
source	<pre> &lt;xs:simpleType name="TypeOfIMHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Enumeration of Type of IM harmonization: Full, Part   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Full"/&gt;     &lt;xs:enumeration value="Part"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;                 </pre>		

**simpleType TypeOfInformationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of <b>xs:integer</b>		
properties	base xs:integer		
facets	Kind	Value	Annotation
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	maxInclusive	99	
	enumeration	1	documentation harmonisation - in process
	enumeration	2	documentation harmonisation - accepted

enumeration	3	documentation harmonisation - rejected
enumeration	4	documentation Request ready
enumeration	5	documentation path study request
enumeration	6	documentation pre-arranged path/reserve capacity
enumeration	7	documentation create offer
enumeration	8	documentation coordination update
enumeration	9	documentation draft offer
enumeration	10	documentation draft alternative offer
enumeration	11	documentation observation - in process
enumeration	12	documentation observation - complete
enumeration	13	documentation preparation of final offer - in process
enumeration	14	documentation preparation of final offer - accepted
enumeration	15	documentation preparation of final offer - rejected
enumeration	16	documentation 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
enumeration	25	documentation offer/final offer rejected (without revision)
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	deactivate path (utilisation notification)
	enumeration 52	documentation	confirmation of utilisation notification
	enumeration 53	documentation	Path and train cancelled
	enumeration 65	documentation	Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)
	enumeration 66	documentation	Booked after route update (used in PathDetailsMessage)
annotation	<p>documentation</p> <p>Enumeration indicating to which process step / process type in the planning does the message belong:</p> <p>01 harmonisation - in process</p> <p>02 harmonisation - accepted</p> <p>03 harmonisation - rejected</p> <p>04 harmonisation - completed</p> <p>05 path study request</p> <p>06 pre-arranged path/reserve capacity</p> <p>07 create offer</p> <p>08 coordination update</p> <p>09 draft offer</p> <p>10 draft alternative offer</p> <p>11 observation - in process</p> <p>12 observation - complete</p> <p>13 preparation of final offer - in process</p> <p>14 preparation of final offer offer - accepted</p> <p>15 preparation of final offer offer - rejected</p> <p>16 final offer</p> <p>17 final offer - accepted</p> <p>18 alternative offer offer accepted</p> <p>19 - Final Offer pre-accepted offer</p> <p>20 - Final Offer rejected</p> <p>21 no alternative available</p> <p>22 booked</p> <p>23 - preparation of draft alternative offer is in progress</p> <p>24 - Preparation of draft offer - accepted</p> <p>25 - offer/final offer rejected (without revision)</p> <p>26 - alternative offer rejected (without revision)</p> <p>27 - offer/final offer rejected (revision required)</p> <p>28 - alternative offer rejected (revision required)</p> <p>31 Close Dossier</p> <p>30 Create Dossier</p> <p>40 Fully Assembled Path (FAP, constructed path)</p> <p>42 - Preparation of draft offer - accepted</p> <p>43 - Preparation of draft offer - rejected</p> <p>44 - Draft offer rejected</p> <p>45 - Draft no alternative available</p> <p>50 activate path (utilisation notification)</p> <p>51 deactivate path (utilisation notification)</p> <p>52 confirmation of utilisation notification</p> <p>53 Path and train cancelled</p> <p>65 = Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)</p> <p>66 = Booked after route update (used in PathDetailsMessage)</p>		

source	<pre> &lt;xs:simpleType name="TypeOfInformationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Enumeration indicating to which process step / process type      in      the      planning      does      the      message      belong: 01      harmonisation      -      in      process 02      harmonisation      -      accepted 03      harmonisation      -      rejected 04      harmonisation      -      completed 05      path      study      request 06      pre-arranged      path/reserve      capacity 07      create      offer 08      coordination      update 09      draft      offer 10      draft      alternative      offer 11      observation      -      in      process 12      observation      -      complete 13      preparation      of      final      offer      -      in      process 14      preparation      of      final      offer      -      accepted 15      preparation      of      final      offer      -      rejected 16      final      offer 17      final      offer      -      accepted 18      alternative      offer      offer      accepted 19 20      -      Final      Offer      pre-accepted      offer 21      no      alternative      available 22      booked 23      -      preparation      of      draft      alternative      offer      is      in      progress 24      -      Preparation      of      draft      offer      -      accepted 25      -      offer/final      offer      rejected      (without      revision) 26      -      alternative      offer      rejected      (without      revision) 27      -      offer/final      offer      rejected      (revision      required) 28      -      alternative      offer      rejected      (revision      required) 31      Close      Dossier 30      Create      Dossier 40      Fully      Assembled      Path      (FAP,      constructed      path) 42      -      Preparation      of      draft      offer      -      accepted 43      -      Preparation      of      draft      offer      -      rejected 44      -      Draft      offer      rejected 45      -      Draft      no      alternative      available 50      activate      path      (utilisation      notification) 51      deactivate      path      (utilisation      notification) 52      confirmation      of      utilisation      notification 53      Path      and      train      cancelled 65 = Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) 66 = Booked after route update (used in PathDetailsMessage) &lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:integer"&gt;   &lt;xs:maxInclusive value="99"/&gt;   &lt;xs:minInclusive value="0"/&gt;   &lt;xs:enumeration value="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;harmonisation - in process&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="2"&gt;     &lt;xs:annotation&gt; </pre>
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	<pre> &lt;xs:documentation&gt;harmonisation - accepted&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;harmonisation - rejected&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Request ready&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;path study request&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;pre-arranged path/reserve capacity&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;create offer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;coordination update&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;draft offer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;draft alternative offer&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;observation - in process&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;observation - complete&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;preparation of final offer - in process&lt;/xs:documentation&gt; </pre>
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<pre> IM&lt;/xs:documentation&gt;   &lt;!-- draft offer - &lt;xs:documentation&gt;Preparation of   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="25"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;offer/final offer rejected (without revision)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="26"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;alternative offer rejected (without revision)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="27"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;offer/final offer rejected (revision required)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="28"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;alternative offer rejected (revision required)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="29"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;withdrawal&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="30"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Create Dossier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="31"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Close Dossier&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="32"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Path canceled full&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="33"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Path canceled partial&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="40"&gt;   &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Fully Assembled Path (FAP, constructed path)&lt;/xs:documentation&gt; </pre>
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**simpleType TypeOfRequestCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <b>xs:short</b>															
properties	base xs:short															
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></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		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
minInclusive	1															
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> &lt;xs:simpleType name="TypeOfRequestCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; Enumeration for 3 different basic types of the     processes in the planning: Study (1), Request (2), Modification     (3)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:short"&gt;     &lt;xs:minInclusive value="1"/&gt;     &lt;xs:enumeration value="1"/&gt;     &lt;xs:enumeration value="2"/&gt;     &lt;xs:enumeration value="3"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;                 </pre>															

**simpleType TypeOfRUHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of <b>xs:string</b>												
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> &lt;xs:simpleType name="TypeOfRUHarmonizationCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type of RU harmonization: Full, Part,     None.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Full"/&gt;     &lt;xs:enumeration value="Part"/&gt;     &lt;xs:enumeration value="None"/&gt;   &lt;/xs:restriction&gt;                 </pre>												

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</xs:simpleType>
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simpleType **UnitType**

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

source	<pre> &lt;xs:simpleType name="UnitType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indicates the type of a Transportation unit. 1    Container 2    Other intermodal traffic 4    Rolling road (RR) 6    Semi-trailer on bogies 10   Container less than 20' 11   Container 20' 12   Container 30' 13   Container 40' 40   Semi-trailer truck/articulated lorry 41   Road tractor 42   Lorry without trailer 43   Lorry with trailer 50   Semi-trailer/road semi-trailer 51   Swap bodies      &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:token"&gt;     &lt;xs:enumeration value="1"/&gt;     &lt;xs:enumeration value="2"/&gt;     &lt;xs:enumeration value="4"/&gt;     &lt;xs:enumeration value="6"/&gt;     &lt;xs:enumeration value="10"/&gt;     &lt;xs:enumeration value="11"/&gt;     &lt;xs:enumeration value="12"/&gt;     &lt;xs:enumeration value="13"/&gt;     &lt;xs:enumeration value="40"/&gt;     &lt;xs:enumeration value="41"/&gt;     &lt;xs:enumeration value="42"/&gt;     &lt;xs:enumeration value="43"/&gt;     &lt;xs:enumeration value="50"/&gt;     &lt;xs:enumeration value="41"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
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attribute **LocationSubsidiaryTypeCode**

namespace	<a href="http://www.era.europa.eu/schemes/TAFTSI/3.2">http://www.era.europa.eu/schemes/TAFTSI/3.2</a>
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type	restriction of <b>xs:token</b>		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Defined documentation not used
	enumeration	1	documentation Track documentation The track is a uniquely defined part of location
	enumeration	2	documentation Private Siding documentation Tracks are not for open access
	enumeration	3	documentation Border Point Code documentation Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"
	enumeration	4	documentation Sorting Code documentation 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 Special equipment to facilitate the loading and unloading on the Public Loading Places.
enumeration	20	documentation Weighbridge documentation Special equipment is to facilitate the measure of the weight of the wagon.
enumeration	21	documentation Building documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.
enumeration	22	documentation Level crossing documentation Place where rail and road crossing in level. on the same level (grade)
enumeration	23	documentation Bridge documentation Special built structure is over the road
enumeration	24	documentation Tunnel documentation Structure to allow a railway line to pass under the surface.
enumeration	25	documentation Underpass documentation Undercrossing or underground passage under the railway track. (Not used by trains)
enumeration	26	documentation Block section documentation Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.
enumeration	27	documentation Signal documentation A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.
enumeration	28	documentation Sign and board documentation Equipment to inform the board staff for train traffic and shunting.

enumeration	29	documentation	Phase break
		documentation	Border of the power supply systems (catenary).
enumeration	30	documentation	Leap in kilometer
		documentation	The section has deviation in length i. e. the section more or less than called.
enumeration	32	documentation	Balise
		documentation	A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system.
enumeration	33	documentation	Hot spot detector
		documentation	Trackside equipment which detects hot wheels or axle-box on passing trains.
enumeration	34	documentation	Flat wheel detector
		documentation	Trackside equipment which detects flat spots on wheels on passing trains.
enumeration	35	documentation	Dynamic wheel load
		documentation	detector Special equipment is in trackside for inspect of the overloaded wagons.
enumeration	36	documentation	Freight yard
		documentation	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
enumeration	37	documentation	Loading point
		documentation	A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.
enumeration	38	documentation	IM Network link
		documentation	It allows to link two locations from different IM Networks
enumeration	39	documentation	Reservation code
enumeration	40	documentation	Metastation
		documentation	To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)
enumeration	41	documentation	CompanySpecificIdentifier
		documentation	Company specific identifier of the primary location
enumeration	42	documentation	
			DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37).
enumeration	43	documentation	
			Passengers cars public loadings is a type of physical location on the open access network where passengers can put their car on a train carrying



enumeration 44	documentation	Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train
enumeration 45	documentation	- disposal Sewage dump of Place for cleaning purposes the waste
enumeration 46	documentation	Refuelling Point Location where refuelling takes place
enumeration 47	documentation	Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating
enumeration 48	documentation	Water Supply Location where water supply can be provided for the rolling stock
enumeration 49	documentation	Compressed plant Train on a track with motion stabled with external air supply for braking systems
enumeration 50	documentation	Indoor cleaning platform Cleaning point - interior
enumeration 51	documentation	Car-wash plant Cleaning point -outdoor
enumeration 52	documentation	Short dry-cleaning track Cleaning point
enumeration 53	documentation	Pollution protective plate Track where floor that avoids pollution of the earth below
enumeration 54	documentation	Sand-filling station Location where sand is filled
enumeration 55	documentation	Repair track Location where a train/wagon/engine can be repaired

enumeration	56	documentation		
		containing	Signal box signalling	The location of a building equipment
enumeration	57	documentation		
		Intermodal Terminal 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		
enumeration	58	documentation		
		OSJD system based location documentation		
		Location code used within OSJD		
enumeration	59	documentation		
		Train Service Substitute Stop documentation		
		Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of Primary Location.		
enumeration	60	documentation		
		Multifunctional rail terminal documentation		
		Facilities for conventional and/or intermodal rail/road transshipment principally open for public use and for all types of cargo. This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location.		
enumeration	61	documentation		
		Relief facility documentation		
		Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.		
enumeration	66	documentation		
		Location ENEE Code documentation		
		Legacy ENEE code of the parent primary location. Different coding of primary location.		
enumeration	70	documentation		
		Network Border documentation		
		Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.		
enumeration	71	documentation		
		State border documentation		
		Political border between two member states. Attribute of primary location.		
enumeration	72	documentation		
		Administrative border documentation		
		Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.		
enumeration	74	documentation		
		Operational handover documentation		
		Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.		
enumeration	75	documentation		
		Planning handover documentation		
		Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location.		
enumeration	76	documentation		
		Other technical facility documentation		

	<p>All technical installations and services that are not included in other facility types. E.g. Pre heating, de icing, air conditioning, Washing/cleaning of rolling stock, Disinfection of rolling stock, Sewage removal and Stationary brake test facilities. Physical part of Primary Location.</p> <p>enumeration 90 documentation Test Loc</p> <p>enumeration 99 documentation Relation to Station documentation</p> <p>An indicator used to show that this location is a subsidiary of another location.</p>
<p>annotation</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> <p>59 Train Service Substitute Stop</p> <p>60 Multifunctional rail terminal</p> <p>61 Relief facility</p> <p>70 Network Border</p> <p>71 State border</p> <p>72 Administrative border</p> <p>74 Operational handover</p> <p>75 Planning handover</p> <p>76 Other technical facility</p>
<p>source</p>	<pre>&lt;xs:attribute name="LocationSubsidiaryTypeCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       New codes added:       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).       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       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       45 Sewage dump Place for cleaning purposes - disposal of the waste       46 Refuelling Point Location where refuelling takes place       47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating       48 Water Supply Location where water supply can be provided for the rolling stock</pre>

49	Compressed plant	Train on a track with motion stabled with external		
air	supply	for	braking	systems
50	Indoor 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
59		Train	Service	Substitute
60		Multifunctional	rail	terminal
61			Relief	facility
70			Network	Border
71			State	border
72			Administrative	border
74			Operational	handover
75			Planning	handover
76		Other	technical	facility

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        <xs:documentation>not used</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
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        <xs:documentation>Track</xs:documentation>
        <xs:documentation>The track is a uniquely defined part of
location</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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        <xs:documentation>Private Siding</xs:documentation>
        <xs:documentation>Tracks are not for open access</xs:documentation>
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    </xs:enumeration>
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        <xs:documentation>Special code for the Border Points are allocated
at the country border and the points between different IM networks. Location
of these points sometimes are not geographically same with the station or
yard. Therefore these points are "logical point"</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
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        <xs:documentation>Sorting Code</xs:documentation>
        <xs:documentation>Destination station of the wagon has a code in
order to provide shunting technology.</xs:documentation>
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  </xs:restriction>
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	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Vehicle Parking Points&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;All points (tracks)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Public Loading Places&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Is a type of physical location on the open access network where consignor or consignee can load or unload wagons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Private Loading Places&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM Path Tariff Point&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Price Segment change between two IM Networks.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="9"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock. &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Switch/turnout&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The location where two tracks meet or diverge.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="11"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Grade Crossing&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The location where two tracks on the same level cross each other.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Section of the track&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Section is inside of the location considered part of a track.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>
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	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="13"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Twin track point&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The spot where is end or start of the twinned track section.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="14"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Retarder (rail brake)&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Trackside equipment to control the speed of the wagons running from the shunting hump.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="15"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Platform&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;The area next to the track which has been raised to make access to railway vehicles easier.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="16"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Railing&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;barrier Safety equipment used to prevent access to the track by people and animals.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="17"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Movable scotch block&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Safety equipment across the track avoiding any unnecessary moving beyond that point.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="18"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Derailing stop / Trap points / Catch points&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Safety equipment is on one rail avoiding any unnecessary moving beyond that point.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="19"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Loading equipment&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Special equipment to facilitate the loading and unloading on the Public Loading Places.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="20"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Weighbridge&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Special equipment is to facilitate the measure of the weight of the wagon.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
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	<pre> &lt;xs:enumeration value="21"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Building&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="22"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Level crossing&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Place where rail and road crossing in level. on the same level (grade)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="23"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Bridge&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Special built structure is over the road&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="24"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Tunnel&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Structure to to allow a railway line to pass under the surface.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="25"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Underpass&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Undercrossing or underground passage under the railway track. (Not used by trains)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="26"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Block section&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="27"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Signal&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="28"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Sign and board&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Equipment to inform the board staff for train traffic and shunting.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
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```

</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>Phase of the break</xs:documentation>
    <xs:documentation>Border of the power supply systems
(catenary).</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>Leap in kilometer</xs:documentation>
    <xs:documentation>The section has deviation in length i. e. the
section more or less than called.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Balise</xs:documentation>
    <xs:documentation>A balise is an electronic beacon or transponder
placed between the rails of a railway as part of an Automatic Train Protection
(ATP) system.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
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    <xs:documentation>Trackside equipment which detects hot wheels or
axle-box on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation>Flat wheel detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects flat spots on
wheels on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>detector Special equipment is in trackside for
inspect of the overloaded wagons.</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="36">
  <xs:annotation>
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    <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

```



	<pre> yard.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="38"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;IM Network link&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;It allows to link two locations from different IM Networks&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="39"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Reservation code&lt;/xs:documentation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="40"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Metastation&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="41"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;CompanySpecificIdentifier&lt;/xs:documentation&gt;     &lt;xs:documentation&gt;Company specific identifier of the primary location&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="42"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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).     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="43"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="44"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
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	<pre> &lt;/xs:enumeration&gt; &lt;xs:enumeration value="45"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Sewage dump Place for cleaning purposes - disposal       the waste     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
of	
	<pre> &lt;xs:enumeration value="46"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Refuelling Point Location where refuelling takes     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
place	
	<pre> &lt;xs:enumeration value="47"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Mains Supply Location where energy supply can be       the rolling stock e.g. preheating     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
provided for	
	<pre> &lt;xs:enumeration value="48"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Water Supply Location where water supply can be       the rolling stock     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
provided for	
	<pre> &lt;xs:enumeration value="49"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Compressed plant Train on a track with motion       external air supply for braking systems     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
stabled with	
	<pre> &lt;xs:enumeration value="50"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Indoor cleaning platform Cleaning point -interior     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
	<pre> &lt;xs:enumeration value="51"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       Car-wash plant Cleaning point -outdoor     &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; </pre>
	<pre> &lt;xs:enumeration value="52"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt; </pre>

	<p>Short dry-cleaning track Cleaning point          &lt;/xs:documentation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="53"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;</p> <p>avoids pollution of the earth floor that below          &lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="54"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;</p> <p>filled Sand-filling station Location where sand is          &lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="55"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;</p> <p>can Repair track Location where a train/wagon/engine be repaired          &lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="56"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;</p> <p>signalling Signal box The location of a building containing equipment          &lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="57"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;Intermodal Terminal&lt;/xs:documentation&gt;          &lt;xs:documentation&gt; 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 &lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="58"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;OSJD system based location&lt;/xs:documentation&gt;          &lt;xs:documentation&gt;Location code used within OSJD&lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;          &lt;/xs:enumeration&gt;          &lt;xs:enumeration value="59"&gt;          &lt;xs:annotation&gt;          &lt;xs:documentation&gt;Train Service Substitute Stop&lt;/xs:documentation&gt;          &lt;xs:documentation&gt;Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of Primary Location.&lt;/xs:documentation&gt;          &lt;/xs:annotation&gt;</p>
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</xs:enumeration>
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rail/road transshipment principally open for public use and for all types of
cargo. This kind of facility does not only provide transshipment, but also
additional services like storage, consignment or road pre/end haulage.
Physical part of Primary Location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
  <xs:annotation>
    <xs:documentation>Relief facility</xs:documentation>
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used to overcome a disruption (derailment, collision or other accidents).
Physical part of Primary Location.</xs:documentation>
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</xs:enumeration>
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Different coding of primary location.</xs:documentation>
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first or last Primary Location on a network. Attribute of primary
location.</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="71">
  <xs:annotation>
    <xs:documentation>State border</xs:documentation>
    <xs:documentation>Political border between two member states.
Attribute of primary location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="72">
  <xs:annotation>
    <xs:documentation>Administrative border</xs:documentation>
    <xs:documentation>Border point inside a member state to define
federal structures or administrative districts or local areas. Attribute of
primary location.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="74">
  <xs:annotation>
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    <xs:documentation>Location where the responsibility for operation
changes or can change between two involved IMs. Attribute of primary
location.</xs:documentation>
  </xs:annotation>
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<xs:enumeration value="75">

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<xs:annotation>
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    not included in other facility types. E.g. Pre heating, de icing, air
    conditioning, Washing/cleaning of rolling stock, Disinfection of rolling
    stock, Sewage removal and Stationary brake test facilities. Physical part of
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</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="99">
  <xs:annotation>
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    <xs:documentation>An indicator used to show that this location is a
    subsidiary of another location.</xs:documentation>
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</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:attribute>

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attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
type	restriction of <b>xs:token</b>																											
facets	<table border="0"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>PLA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PLD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ELA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ELD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LLA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LLD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ALA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ALD</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	PLA		enumeration	PLD		enumeration	ELA		enumeration	ELD		enumeration	LLA		enumeration	LLD		enumeration	ALA		enumeration	ALD	
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	ALD = Actual Location Departure LLD = Latest Location Departure
source	<pre> &lt;xs:attribute name="TimingQualifierCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       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&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:simpleType&gt;       &lt;xs:restriction base="xs:token"&gt;         &lt;xs:enumeration value="PLA"/&gt;         &lt;xs:enumeration value="PLD"/&gt;         &lt;xs:enumeration value="ELA"/&gt;         &lt;xs:enumeration value="ELD"/&gt;         &lt;xs:enumeration value="LLA"/&gt;         &lt;xs:enumeration value="LLD"/&gt;         &lt;xs:enumeration value="ALA"/&gt;         &lt;xs:enumeration value="ALD"/&gt;       &lt;/xs:restriction&gt;     &lt;/xs:simpleType&gt;   &lt;/xs:attribute&gt; </pre>

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