

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

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Application:

With effect from 08 March 2012.

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

1. Summary

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

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

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

The TAF TSI data catalogue is split into two documents:

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

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

2. Schema taf_cat_complete.xsd

schema location: C:\Projects\TAF-TSI\taf_cat_complete.xsd
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/2.5>

Elements	Complex types	Simple types	Attributes
AcceptanceInterchangePoint	CargoCodeType	CauseCode	CI_InstanceNumber
AcceptanceTimeAtInterchange	CompositIdentifierOperationalType	CommunicationRefID	
ActualEndDateTime	CompositIdentifierPlannedType	CompanyCode	
ActualETA	ConsignmentIdent	CountryIdentISO	
ActualETI	CustomerCode	DeltaTime	
AdditionalInstruction	DanGoodsType	DerailmentDetectionDevice	
Address	DimensionValue	EquipmentNumberType	
AdministrativeContactInformation	LocationIdent	EquipmentTypeType	
AffectedSection	TrainActivityType	ForwardingRestrictionType	
AgainstBooked	ValidityPeriod	FreeText	
AgainstReferenced		Name	
AgreedTimeOfDelivery		NHMCodeType	
AirBrake		Numeric1-5	
AirBrakedMass		Numeric1-6	

AlertMessage	Numeric2-2
AllocationCompany	Numeric3-3
ArrivalAtDestination	Numeric4-4
ArrivalInterchangeReport	Speed
ArrivalTimeAtDestination	String1-10
ArrivalTimeAtLocation	String1-14
ArrivalTimeAtLocationActual	String1-5
ArrivalTrackAtLocation	String1-7
AssociatedAttachedOTN	String1-8
AssociatedAttachedTrainID	String4-4
BogiePitch	String5-5
BookedLocationDateTime	String5-8
BookedLocationTime	Time
BrakeWeight	VolumeValue
BrakingRatio	WagonIdent
CauseDescription	WeightValueKilo
CauseType	WeightValueTonne
ChangeofTrackMessage	
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[YardDeparture](#)element **AcceptanceInterchangePoint**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location AcceptanceTimeAtInterchange
used by	elements WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage
annotation	documentation The place where the responsibility of a wagon is accepted and the date and time when the wagon responsibility of the wagon is accepted
source	<pre> <xs:element name="AcceptanceInterchangePoint"> <xs:annotation> <xs:documentation>The place where the responsibility of a wagon is accepted and the date and time when the wagon responsibility of the wagon is accepted</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="AcceptanceTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AcceptanceTimeAtInterchange**

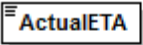
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element AcceptanceInterchangePoint
annotation	documentation Departure Date and Time or the handover Date and Time at an interchange point where the responsibility has changed to another RU
source	<pre> <xs:element name="AcceptanceTimeAtInterchange" type="xs:dateTime"> <xs:annotation> </pre>

	<pre> <xs:documentation>Departure Date and Time or the handover Date and Time at an interchange point where the responsibility has changed to another RU</xs:documentation> </xs:annotation> </xs:element> </pre>
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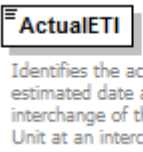
element **ActualEndTime**

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/2.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre> <xs:element name="ActualEndTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ActualETA**

diagram	 <p>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre> <xs:element name="ActualETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> </pre>


element **ActualETI**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element WagonDeviationMessage
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre><xs:element name="ActualETI" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>

element **AdditionalInstruction**

diagram	<div><div><div>AdditionalInstruction</div><div>Additional instructions regarding the wagon or shipment in free text</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Additional instructions regarding the wagon or shipment in free text									
source	<xs:element name="AdditionalInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Additional instructions regarding the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element>									

element **Address**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	FreeText
properties	content simple

used by	element AdministrativeContactInformation		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Generic postal address in clear text		
source	<pre><xs:element name="Address" type="FreeText"> <xs:annotation> <xs:documentation>Generic postal address in clear text</xs:documentation> </xs:annotation> </xs:element></pre>		

element **AdministrativeContactInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Name Address eMail PhoneNumber FaxNumber FreeTextField
used by	elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage
annotation	documentation Used to define administrative contact information
source	<pre><xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element ref="Address" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> <xs:element ref="PhoneNumber" minOccurs="0"/></pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumber PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage
annotation	documentation Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path
source	<pre> <xs:element <xs:annotation> <xs: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</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element <xs:complexType> <xs:complexContent> <xs:extension <xs:sequence <xs:element <xs:element </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> </pre>

```

<xs:extension base="LocationIdent">
  <xs:sequence
    <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
    <xs:element ref="BookedLocationTime" minOccurs="0"/>
  </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

element **AffectedSection/EndOfSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

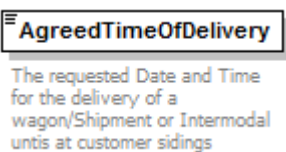
element AgainstBooked

diagram	<div><div><div>AgainstBooked</div></div><div>Identifies the Delta delay time against the booked schedule in minutes</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	DeltaTime						
properties	content simple						
used by	element TrainDelay						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	<div>documentation</div> Identifies the Delta delay time against the booked schedule in minutes						
source	<pre><xs:element name="AgainstBooked" type="DeltaTime"> <xs:annotation> <xs:documentation>Identifies the Delta delay time against the booked schedule in minutes</xs:documentation> </xs:annotation> </xs:element></pre>						

element AgainstReferenced

diagram	<div><div>AgainstReferenced</div><div>Delay compared to the referenced Date/Time</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	DeltaTime						
properties	content simple						
used by	element TrainDelay						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	<div>documentation</div> <div>Delay compared to the referenced Date/Time</div>						
source	<pre><xs:element name="AgainstReferenced" type="DeltaTime"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element></pre>						

element AgreedTimeOfDelivery

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
annotation	documentation The requested Date and Time for the delivery of a wagon/Shipment or Intermodal untis at customer sidings
source	<pre><xs:element name="AgreedTimeOfDelivery" type="xs:dateTime"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal untis at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

element **AirBrake**

diagram	<pre> graph LR AirBrake[AirBrake] --- Container[] Container --- NumberOfBrakes[NumberOfBrakes] Container --- BrakeSystem[BrakeSystem] Container --- AirBrakeType[AirBrakeType] Container --- BrakingPowerVariationDevice[BrakingPowerVariationDevice] Container --- AirBrakedMass[AirBrakedMass] Container --- LoadChangeDevice[LoadChangeDevice] Container --- BrakeSpecialCharacteristics[BrakeSpecialCharacteristics] </pre> <p>NumberOfBrakes Number of air brakes</p> <p>BrakeSystem Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH; SW; KE 435; through brake pipe</p> <p>AirBrakeType Classification of air brake, additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</p> <p>BrakingPowerVariationDevice Coding in 404-2, chapter 1.8</p> <p>AirBrakedMass General braked weight for wagon without any variation device or braked weight in position "empty" for wagons with a variation device or maximum brake weight for wagons with a linear auto continuous brake weight device "0" for wagons without brake system (in tonnes)</p> <p>LoadChangeDevice 0..∞ Specific weights for change over air brake systems</p> <p>BrakeSpecialCharacteristics General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake Blocks 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake Blocks 6 = LL-Brake Blocks 9 = Unknown or non-coded information</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics
used by	element RollingStockDataset/DesignDataSet

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

	<pre> </xs:complexType> </xs:element> <xs:element ref="BrakeSpecialCharacteristics"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **AirBrake/NumberOfBrakes**

diagram	<div><div><div>☰</div><div>NumberOfBrakes</div></div><div>Number of air brakes</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric2-2									
properties	content simple									
facets	<table><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	documentation Number of air brakes									
source	<pre><xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AirBrake/BrakeSystem**

diagram	<div><div><div>Brake System</div><div>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</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table><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 Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe						
source	<pre><xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation> </xs:annotation> <xs:simpleType></pre>						

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

element **AirBrake/LoadChangeDevice**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc unbounded content complex
children	ChangeOverWeight AirBrakedMassLoaded
annotation	documentation Specific weights for change over air brake systems
source	<pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

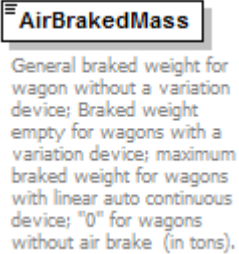
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	Numeric3-3		
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><xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element></pre>		

element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Numeric3-3		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation Braked weight in tonns loaded for change over weight		
source	<pre><xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element></pre>		

element **AirBrakedMass**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	AirBrake	

facets	<div>Kind</div> <div>minInclusive</div> <div>Value</div> <div>0</div> <div>Annotation</div> <div>maxInclusive</div> <div>999</div>
annotation	<div>documentation</div> <div>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).</div>
source	<pre> <xs:element name="AirBrakedMass"> <xs:annotation> <xs:documentation>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element AlertMessage

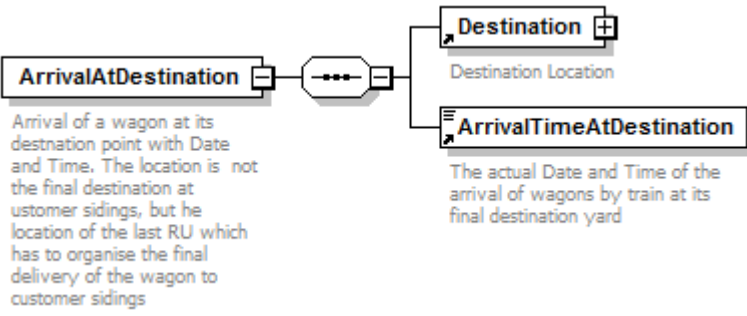
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader CommitmentETA ActualETA WagonNumberFreight
annotation	<div>documentation</div> <div>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</div>
source	<pre> <xs:element name="AlertMessage"> <xs:annotation> <xs:documentation>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</xs:documentation> </xs:annotation> </pre>

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

element **AllocationCompany**

diagram	<div><div><div>AllocationCompany</div><div>Name of company who is responsible for allocation and maintenance of codes</div></div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Name of company who is responsible for allocation and maintenance of codes												
source	<pre><xs:element name="AllocationCompany" type="CompanyCode"> <xs:annotation> <xs:documentation>Name of company who is responsible for allocation and maintenance of codes</xs:documentation> </xs:annotation> </xs:element></pre>												

element **ArrivalAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Destination ArrivalTimeAtDestination
used by	element WagonArrivalNoticeMessage
annotation	documentation


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

element **ArrivalInterchangeReport**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Source Location ArrivalTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation The arrival or interchange station where ETI end
source	<pre> <xs:element name="ArrivalInterchangeReport"> <xs:annotation> <xs:documentation>The arrival or interchange station where ETI end</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **ArrivalInterchangeReport/Source**

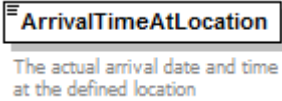
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:string												
properties	content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Experienced time of arrival</td><td></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></table>	Kind	Value	Annotation	enumeration	Experienced time of arrival		enumeration	Real Time Train Situation		enumeration	Estimated time of arrival	
Kind	Value	Annotation											
enumeration	Experienced time of arrival												
enumeration	Real Time Train Situation												
enumeration	Estimated time of arrival												
annotation	documentation Source of information												
source	<pre><xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ArrivalTimeAtDestination**

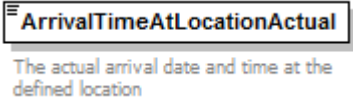
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element ArrivalAtDestination
annotation	documentation The actual Date and Time of the arrival of wagons by train at its final destination yard
source	<pre> <xs:element name="ArrivalTimeAtDestination" type="xs:dateTime"> <xs:annotation> </pre>

	<pre> <xs:documentation>The actual Date and Time of the arrival of wagons by train at its final destination yard</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **ArrivalTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element ArrivalInterchangeReport
annotation	documentation The actual arrival date and time at the defined location
source	<pre> <xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ArrivalTimeAtLocationActual**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element YardArrival
annotation	documentation The actual arrival date and time at the defined location
source	<pre> <xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **ArrivalTrackAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.
source	<pre> <xs:element name="ArrivalTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **AssociatedAttachedOTN**

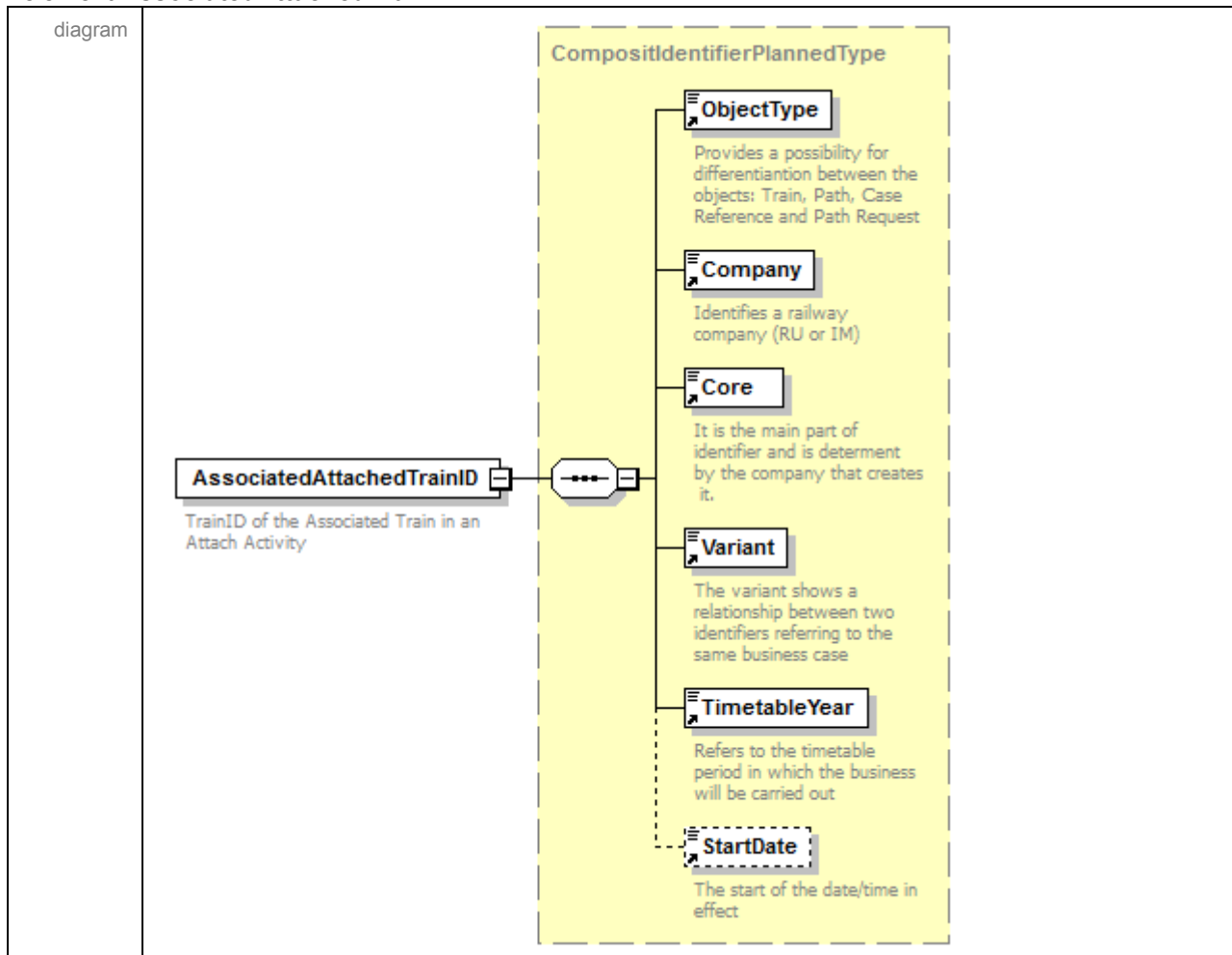
diagram	<div><div><div>AssociatedAttachedOTN</div></div><div>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	String1-8									
properties	content simple									
used by	complexType TrainActivityType									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	<div>documentation</div> <div>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</div>									
source	<pre><xs:element name="AssociatedAttachedOTN" type="String1-8"> <xs:annotation></pre>									

```

<xs:documentation>Identifies the associated train for the activity for
traffic management purposes by the Dispatcher, GSMR services,
etc.</xs:documentation>
</xs:annotation>
</xs:element>


```

element **AssociatedAttachedTrainID**

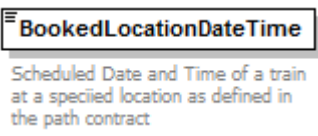


namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	complexType TrainActivityType
annotation	documentation TrainID of the Associated Train in an Attach Activity
source	<pre> <xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>TrainID of the Associated Train in an Attach Activity</xs:documentation> </xs:annotation> </xs:element> </pre>


element **BogiePitch**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Bogie Wheelbase measured in mm									
source	<pre><xs:element name="BogiePitch"> <xs:annotation> <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **BookedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements ChangeofTrackMessage AffectedSection/EndOfSection JourneySection/JourneySectionDestination JourneySection/JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Scheduled Date and Time of a train at a specied location as defined in the path contract
source	<pre> <xs:element name="BookedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specied location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> </pre>

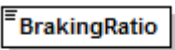
element **BookedLocationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:time
properties	content simple
used by	elements AffectedSection/EndOfSection AffectedSection/StartOfSection
source	<pre><xs:element name="BookedLocationTime" type="xs:time"/></pre>

element **BrakeWeight**

diagram	<div><div><div>BrakeWeight</div></div><div>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData WagonOperationalData									
facets	<table><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>99999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99999									
annotation	documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes									
source	<pre><xs:element name="BrakeWeight"> <xs:annotation> <xs:documentation>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **BrakingRatio**

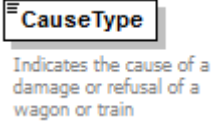
diagram	 Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:integer
properties	content simple

used by	element PlannedTrainTechnicalData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).									
source	<pre><xs:element name="BrakingRatio"> <xs:annotation> <xs:documentation>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="999"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element CauseDescription

diagram	<div><div><div>CauseDescription</div><div>Describes the cause of sending message</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	element WagonRefusedAtInterchangeMessage									
facets	<table><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	<div>documentation</div> <div>Describes the cause of sending message</div>									
source	<xs:element name="CauseDescription" type="FreeText"> <xs:annotation> <xs:documentation>Describes the cause of sending message</xs:documentation> </xs:annotation> </xs:element>									

element CauseType

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CauseCode
properties	content simple

used by	element WagonRefusedAtInterchangeMessage		
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
annotation	documentation Indicates the cause of a damage or refusal of a wagon or train		
source	<pre><xs:element name="CauseType" type="CauseCode"> <xs:annotation> <xs:documentation>Indicates the cause of a damage or refusal of a wagon or train</xs:documentation> </xs:annotation> </xs:element></pre>		

element **ChangeofTrackMessage**

diagram	<p>ChangeofTrackMessage</p> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p> <ul style="list-style-type: none"> MessageHeader (+) Used for all messages MessageStatus Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification (+) OperationalTrainNumberIdentifi... (+) ReferenceOTN (+) LocationPlannedTrack (+) LocationActualTrack (+) BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point InterruptionReason This element identifies the reason for an interruption of the train running InterruptionDescription 0..∞ The free text description of an interruption TransferPoint (+) Transfer point or station of destination in the considered network where the Reference Train Numbers refers to TransfereelM Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime TrainLocationStatus InterruptionReason InterruptionDescription TransferPoint TransfereelM
annotation	documentation This message is issued to show that the train is arriving at another platform to the one that was scheduled
source	<code><xs:element name="ChangeofTrackMessage"></code> <code><xs:annotation></code>


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

element CityTown

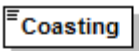
diagram	<div><div><div>CityTown</div><div>Name of the City or Town in Clear Text</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of the City or Town in Clear Text									
source	<xs:element name="CityTown"> <xs:annotation>									

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

element **ClosingTime**


diagram	 <p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element VesselIndication
annotation	documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
source	<pre> <xs:element name="ClosingTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Coasting**

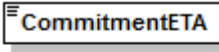
diagram	 <p>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.
source	<pre> <xs:element name="Coasting" type="xs:boolean"> </pre>

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


element Comments

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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	<xs:element name="Comments" type="FreeText"/>									

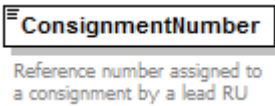
element CommitmentETA

diagram	 <p>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	<p>documentation</p> <p>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</p>
source	<pre> <xs:element name="CommitmentETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> </pre>

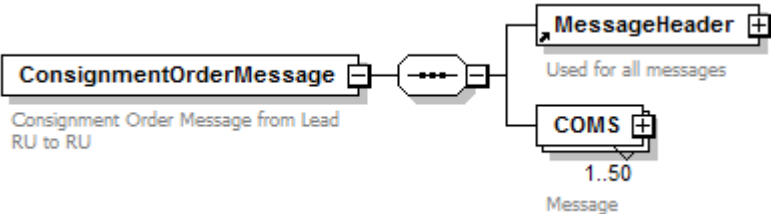
element Company

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table><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 colspan="2">[0-9A-Z]{4}</td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Identifies a railway company (RU or IM)												
source	<pre><xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element></pre>												

element ConsignmentNumber

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

element ConsignmentOrderMessage

diagram			
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader COMS
annotation	documentation Consignment Order Message from Lead RU to RU
source	<pre> <xs:element name="ConsignmentOrderMessage"> <xs:annotation> <xs:documentation>Consignment Order Message from Lead RU to RU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"/> </xs:restriction> </xs:simpleType> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> <xs:maxLength> <xs:restriction> </pre>

<p>'CUV'</p> <p>in basic to the</p> <p>COM</p> <p>3]\d{8}"/></p> <p>has to be incremented after each modification. On creation this value has to</p>	<pre> </xs:simpleType> </xs:element> <xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as or </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ConsignmentOrderType"/> <xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0- 3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to </pre>
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be          set      to      0.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:int">
    <xs:minInclusive value="0"/>
    <xs:maxInclusive value="100"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0"
maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU /
contractual carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
          <xs:documentation>Version number of the modified
message (as also written into COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs: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"

```


<p>minOccurs="0"></p> <p>which was responsible for the train operation on the journey section before an interchange point</p> <p>hour) at which the goods were accepted.</p> <p>of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</p> <p>minOccurs="0"></p> <p></xs:documentation></p> <p>the hand over of the consignment</p>	<pre> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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        <xs:element ref="NextResponsibleRU" minOccurs="0"/>
        <xs:element ref="LoadingFacility" minOccurs="0"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Customers" maxOccurs="2"/>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Consignors declarations, this
element contains either declarations of the original consignor or declarations
of the LeadRU as consignor</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ConsignorDeclarationsCode"
type="xs:string">
                <xs:annotation>
                    <xs:documentation>Coded consignor
declaration</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="DeclarationText" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>General information about the
complete consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ConsignorReference" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Consignor's reference
concerning the complete consignment</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="WagonGroupInfo" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Consignor information
regarding the whole consignment. Comparable with the element WagonInfo, but
for all wagons.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="500"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>

```

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        </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
            <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="DocumentType">
                    <xs:annotation>
                        <xs:documentation>Type code of attached document.
The UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:int">
                            <xs:minInclusive value="1"/>
                            <xs:maxInclusive value="999"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="DocumentInformation"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Additional information
regarding the attached document may be entered here.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="35"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element ref="Quantity" minOccurs="0"/>
                <xs:element name="DocumentTypeDescription"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Description of document type,
when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="35"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
            <xs:documentation>Commercial

```

Specification	<pre> </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="ContractNumber"/> <xs:element ref="Routing" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures.</xs:documentation> </xs:annotation> </xs:element> <xs: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> </pre>
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is	<pre> <xs:documentation>Simplified transport procedure used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="RU_Declarations" minOccurs="0"> <xs:annotation> <xs:documentation>Carriers declaration</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> </pre>
----	--

added	the	<code><xs:documentation>Code of carrier, who declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the </xs:documentation> </xs:annotation> </xs:restriction> </xs:simpleType> </xs:element> </xs:documentation></code>
code.		
packing		
packaging:	...(give	
packaging:	...	
poor	condition: ...	
damaged:(give		
(give		
(give		
consignor		

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

...	<pre> <xs:annotation> <xs:documentation>Other reserves: details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, </pre>
-----	--

	<pre> 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> </pre>
--	--

element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 1 maxOcc 50 content complex
children	COM_Header COM
annotation	documentation

	Message
source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

        </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="CUV">
        <xs:annotation>
        <xs:documentation>Transport of empty wagons. If loaded
and empty wagons are withing the same shipment, then the ShipmentType has to
be set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
        </xs:annotation>
        </xs:enumeration>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
    <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:dateTime">
    <xs:pattern value=".*[+-]\d{2}:\d{2}"/>
    </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
    <xs:annotation>
    <xs:documentation>Internal identification number of the Wo.
This information is important to be able to identify the COM even after
modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:length value="19"/>
    <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
    </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
    <xs:annotation>
    <xs:documentation>Message version number. This number hast to
be incremented after each modification. On creation this value has to be set
to 0.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
    <xs:restriction base="xs:int">
    <xs:minInclusive value="0"/>
    <xs:maxInclusive value="100"/>
    </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
    <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU /
contractual carrier during the transport.</xs:documentation>
    </xs:annotation>
</xs:complexType>

```

```

<xs:sequence>
  <xs:element name="DateTime">
    <xs:annotation>
      <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
  </xs:element>
  <xs:element name="NumberOfModifiedVersion">
    <xs:annotation>
      <xs:documentation>Version number of the modified
message (as also written into COMHeader/COMVersionNumber).</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:int"/>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
  <xs:annotation>
    <xs:documentation>Consignment order message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="AcceptancePoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for the
take over of the consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element ref="PreviousResponsibleRU" minOccurs="0">
              <xs:annotation>
                <xs:documentation>This element identifies the RU, which
was responsible for the train operation on the journey section before an
interchange point</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="AcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date and time (month, day and hour)
at which the goods were accepted.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime">
                  <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>

```

```

<xs:element ref="ResponsibleRU"/>
<xs:element name="COM_ConsignmentNumber">
  <xs:annotation>
    <xs:documentation>Running number and check digit of the
consignment between Lead RU and Responsible RU. Format: NNNNNC The number
consists of NNNNN = running number C = check digit, </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="6"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ForwardingTrainNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Train number at shipping
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="LoadingFacility" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for the
hand over of the consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
      <xs:element ref="NextResponsibleRU" minOccurs="0"/>
      <xs:element ref="LoadingFacility" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" maxOccurs="2"/>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this element
contains either declarations of the original consignor or declarations of the
LeadRU as consignor</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorDeclarationsCode"
type="xs:string">
        <xs:annotation>
          <xs:documentation>Coded consignor

```

```

declaration</xs:documentation>
    </xs:annotation>
</xs:element>
    <xs:element ref="DeclarationText" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>General information about the complete
consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ConsignorReference" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Consignor's reference concerning the
complete
                    consignment</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="WagonGroupInfo" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Consignor information regarding the
whole consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="500"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="DocumentType">
                <xs:annotation>
                    <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:int">

```

```

        <xs:minInclusive value="1"/>
        <xs:maxInclusive value="999"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="DocumentInformation" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element ref="Quantity" minOccurs="0"/>
  <xs:element name="DocumentTypeDescription" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Description of document type, when it
is not in the UN/EDIFACT 1001 list included.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial
Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Commercial specifications
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:token"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with free
text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>

```

```

        <xs:maxLength value="350"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="ContractNumber" minOccurs="0"/>
<xs:element ref="Routing" minOccurs="0"/>
<xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs procedures</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RU_Partner" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code of the RU entrusted of customs
procedures.
          </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs: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:sequence>
  </xs:complexType>
</xs:element>

```



```

</xs:element>
<xs:element name="CustomsEndorsements" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reserved for endorsements by customs
or a consignor/consignee authorised by customs. Data element in accordance
with Regulation (EC) 1875/2006).</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DeclaringRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="RU_DeclarationCode">
              <xs:annotation>
                <xs:documentation>Carrier declaration code.
</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:enumeration value="1">
                    <xs:annotation>
                      <xs:documentation>Without
packing</xs:documentation>
                    </xs:annotation>
                  </xs:enumeration>
                  <xs:enumeration value="2">
                    <xs:annotation>
                      <xs:documentation>Unsatisfactory
packaging: ...(give details)</xs:documentation>
                    </xs:annotation>
                  </xs:enumeration>
                  <xs:enumeration value="3">
                    <xs:annotation>

```

	<pre> ... (give <xs:documentation>Insufficient packaging: details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods damaged:(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <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> </pre>
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	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.2"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.3"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> </xs:element> </xs:complexType> </pre>
--	--

	<pre> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and 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"/> </pre>
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	<pre> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
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element **ConsignmentOrderMessage/COMS/COM_Header**

<p>diagram</p>	<p>SendingRU</p> <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p> <p>ReceivingRU</p> <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p> <p>MessageReferenceNumber</p> <p>Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</p> <p>ShipmentType</p> <p>Classification of the wagon order as 'CUV' or 'CIM'.</p> <p>ConsignmentOrderType</p> <p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none. ORU: original consignment order message from origin location ORX: update for consignment order from origin location ORD: deletion for consignment order from origin location TRU : original transit consignment order TRX: update for transit consignment order TRD: deletion of transit consignment order DRU : original consignment order to destination location DRX: update for consignment order to destination location DRD: deletion of consignment order to destination location</p> <p>COM_Header</p> <p>Additional Header containing consignment related key data such as dossier number, version number and a change log for modifications</p> <p>COM_PreparationDatetime</p> <p>Date and Time of preparation of the COM</p> <p>DossierNumber</p> <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNN = running number.</p> <p>VersionNumber</p> <p>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p> <p>ChangeLog</p> <p>0..100</p> <p>Log of changes made by the LeadRU / contractual carrier during the transport.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM PreparationDatetime DossierNumber VersionNumber ChangeLog
annotation	documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications
source	<pre> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the 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:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

```


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

diagram	<div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div>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element **ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU**

diagram	<div><div>ReceivingRU</div><p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</p></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
facets	<table><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	<div>documentation</div> <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</p>												
source	<pre><xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipt of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre>												

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

diagram	<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div>MessageReferenceNumber</div><div>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div> <div><div>minLength</div><div>1</div><div></div></div> <div><div>maxLength</div><div>18</div><div>documentation Use here a counter, any system.</div></div>
annotation	<div>documentation Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</div>
source	<pre><xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<pre> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

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

diagram	<div><div><div>ShipmentType</div><div>Classification of the wagon order as 'CUV' or 'CIM'.</div></div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:token
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>
facets	<div><div>Kindenumeration</div><div>ValueCIM</div><div>Annotationdocumentation Regular transport, according in basic to the CIM consignment note.</div></div> <div><div>enumeration</div><div>CUV</div><div>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.</div></div>
annotation	<div>documentation</div> <div>Classification of the wagon order as 'CUV' or 'CIM'.</div>
source	<pre><xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs: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></pre>

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

diagram	<div><div>COM_PreparationDatetime</div><div>Date and Time of preparation of the COM</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:dateTime						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>pattern</td><td>.*[+-]\d{2}:\d{2}</td><td></td></tr></table>	Kind	Value	Annotation	pattern	.*[+-]\d{2}:\d{2}	
Kind	Value	Annotation					
pattern	.*[+-]\d{2}:\d{2}						
annotation	documentation Date and Time of preparation of the COM						
source	<pre><xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime" value=".*[+-]\d{2}:\d{2}" /> </xs:simpleType> </xs:element></pre>						

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

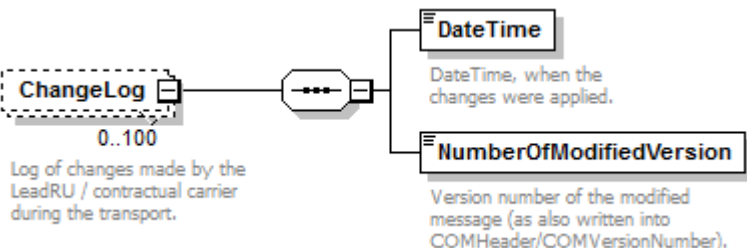
diagram	<div><div><div>DossierNumber</div></div><div>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div> <div><div>length</div><div>19</div></div> <div><div>pattern</div><div>\d{4}20\d{2}[0-1][0-9][0-3]\d{8}</div></div>
annotation	<div>documentation</div> <div>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</div>
source	<div><xs:element name="DossierNumber" minOccurs="0"></div> <div><xs:annotation></div> <div><xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation></div> <div></xs:annotation></div> <div></xs:element></div>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element ConsignmentOrderMessage/COMS/COM_Header/VersionNumber


diagram	<div><div><div>VersionNumber</div></div><div>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	documentation Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.									
source	<pre><xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ConsignmentOrderMessage/COMS/COM_Header/ChangeLog

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 100

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

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

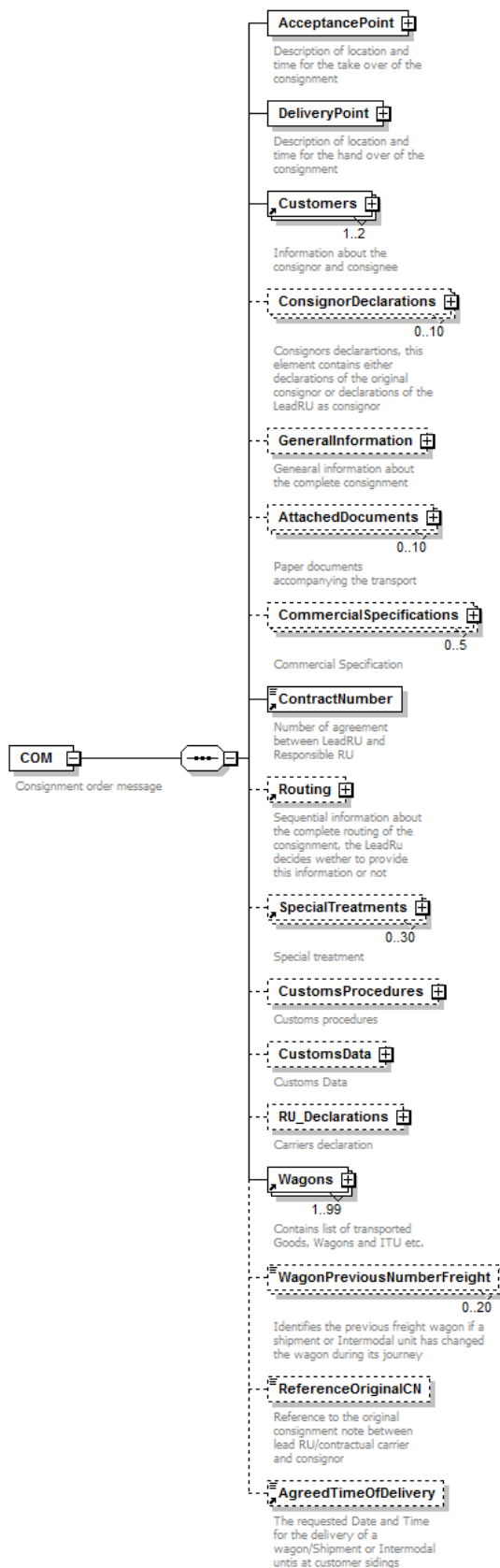
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:dateTime
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre>

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

diagram	<div><div><div>NumberOfModifiedVersion</div></div><div>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:int
properties	content simple
annotation	documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<pre><xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element></pre>

element **ConsignmentOrderMessage/COMS/COM**

diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.5>

properties content complex

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

```

        <xs:restriction base="xs:string"
          <xs:minLength value="1"/>
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="LoadingFacility" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for the hand
over      of      the      consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
      <xs:element ref="NextResponsibleRU" minOccurs="0"/>
      <xs:element ref="LoadingFacility" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="Customers" maxOccurs="2"/>
<xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Consignors declarartions, this element contains
as      either declarations of the original consignor or declarations of the LeadRU
      consignor</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorDeclarationsCode" type="xs:string">
        <xs:annotation>
          <xs:documentation>Coded consignor
declaration</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DeclarationText" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor's reference concerning the
complete      consignment</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:restriction base="xs:string"
    <xs:minLength value="1"/>

```

```

        <xs:maxLength value="35"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="WagonGroupInfo" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="500"/>
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DocumentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Quantity" minOccurs="0"/>
      <xs:element name="DocumentTypeDescription" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Description of document type, when it is
not in the UN/EDIFACT 1001 list included.</xs:documentation>
        </xs:annotation>

```

```

        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Commercial specifications
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:token"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with free
text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element ref="ContractNumber"/>
<xs:element ref="Routing" minOccurs="0"/>
<xs:element ref="SpecialTreatments" minOccurs="0" maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs procedures</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RU_Partner" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code of the RU entrusted of customs
procedures.
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

</xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Customs Data</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code for the principal
RU</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CustomsSurveillance">
        <xs:annotation>
          <xs:documentation>Good under customs
surveillance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:boolean"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CustomsEndorsements" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Carriers declaration</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Details of the carriers
declaration.</xs:documentation>

```

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DeclaringRU" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="RU_DeclarationCode">
      <xs:annotation>
        <xs:documentation>Carrier declaration code.
</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="1">
            <xs:annotation>
              <xs:documentation>Without
packing</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="2">
            <xs:annotation>
              <xs:documentation>Unsatisfactory packaging:
...(give details)</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="3">
            <xs:annotation>
              <xs:documentation>Insufficient packaging: ...
(give details)</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="4.1">
            <xs:annotation>
              <xs:documentation>Goods clearly in poor
condition: ... (give details)</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="4.2">
            <xs:annotation>
              <xs:documentation>Goods damaged:(give
details)</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="4.3">
            <xs:annotation>
              <xs:documentation>Goods wet: ... (give
details)</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="4.4">
            <xs:annotation>
              <xs:documentation>Goods frozen: ... (give
details)</xs:documentation>
            </xs:annotation>
          </xs:enumeration>

```

	<pre> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Loaded by the carrier in inclement weather at the request of the consignor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Unloaded by the consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Unloaded by the carrier in ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.1"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.2"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.3"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of </pre>
--	---

	<pre> a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and </pre>
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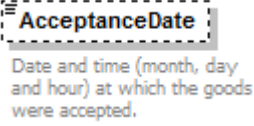
	<pre> ITU etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**

diagram	<p>AcceptancePoint Description of location and time for the take over of the consignment</p> <ul style="list-style-type: none"> Station Details of station serving the point ProductionStation Details of production station serving the point, this element is used if the productional station differs from the commercial station PreviousResponsibleRU This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point AcceptanceDate Date and time (month, day and hour) at which the goods were accepted. ResponsibleRU RU Responsible for the physical operation of the train or wagon COM_ConsignmentNumber Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNNC The number consists of NNNNN = running number C = check digit. ForwardingTrainNumber Train number at shipping LoadingFacility Identifies the loading facility (in case of message type = ORU)
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Station ProductionStation PreviousResponsibleRU AcceptanceDate ResponsibleRU COM_ConsignmentNumber ForwardingTrainNumber LoadingFacility
annotation	documentation Description of location and time for the take over of the consignment
source	<pre> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"/> <xs:annotation> </pre>

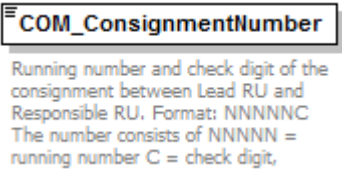
	<pre> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

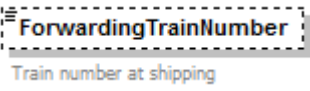
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:dateTime
properties	minOcc 0

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

element ConsignmentOrderMessage/COMS/COM/AcceptancePoint/COM_ConsignmentNumber

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit.
source	<pre> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 6
annotation	documentation Train number at shipping
source	<pre> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Station ProductionStation NextResponsibleRU LoadingFacility
annotation	documentation Description of location and time for the hand over of the consignment
source	<pre> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

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

diagram	<p>Consignors declarations, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 10 content complex
children	ConsignorDeclarationsCode DeclarationText
annotation	documentation Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor
source	<pre> <xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations/ConsignorDeclarationsCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:string
properties	content simple

annotation	documentation Coded consignor declaration
source	<pre> <xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference WagonGroupInfo
annotation	documentation General information about the complete consignment
source	<pre> <xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the complete consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:minLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> value="1"/> </pre>
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element ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference

diagram	<div><div><div>ConsignorReference</div><div>Consignor's reference concerning the complete consignment</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<div>documentation</div> <div>Consignor's reference concerning the complete consignment</div>									
source	<pre><xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ConsignmentOrderMessage/COMS/COM/GeneralInformation/WagonGroupInfo

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div></div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div></div><div><div><div></div></div><div><div></div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> <div><div><div></div></div><div><div></div></div></div> 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annotation	documentation Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.
source	<pre> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/AttachedDocuments

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription
annotation	documentation Paper documents accompanying the transport
source	<pre> <xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </pre>

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

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

diagram	<div><div><div>DocumentType</div></div><div>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>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	<xs:element name="DocumentType">									

	<pre> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation

diagram	<div><div>DocumentInformation</div><div>Additional information regarding the attached document may be entered here.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<div>documentation</div> <div>Additional information regarding the attached document may be entered here.</div>									
source	<pre><xs:element name="DocumentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription

element <code>DocumentTypeDescription</code> of namespace <code>http://www.era.europa.eu/schemes/TAFTSI/2.5</code>		
diagram		
namespace	<code>http://www.era.europa.eu/schemes/TAFTSI/2.5</code>	
type	restriction of xs:string	
properties	minOcc	0
	maxOcc	1
	content	simple
facets	Kind	Value Annotation

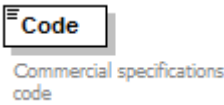
	minLength 1 maxLength 35
annotation	documentation Description of document type, when it is not in the UN/EDIFACT 1001 list included.
source	<pre> <xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

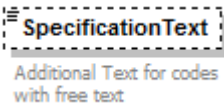
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 5 content complex
children	Code SpecificationText
annotation	documentation Commercial Specification
source	<pre> <xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Commercial Specification</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

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

element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/Code

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:token
properties	content simple
annotation	documentation Commercial specifications code
source	<pre> <xs:element <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction </xs:simpleType> </xs:element> name="Code"> base="xs:token"/> </pre>

element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional Text for codes with free text
source	<pre> <xs:element <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction </xs:element> name="SpecificationText" minOccurs="0"> base="xs:string"> value="1"/> </pre>

	<pre> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	value="350"/>
--	--	---------------

element ConsignmentOrderMessage/COMS/COM/CustomsProcedures

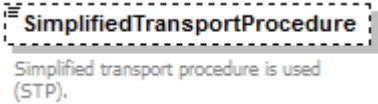
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
properties	minOcc 0 maxOcc 1 content complex	
children	RU_Partner Location	
annotation	documentation Customs procedures	
source	<pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures. </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>	

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements
annotation	documentation Customs Data
source	<pre> <xs:element name="CustomsData" minOccurs="0"> <xs:annotation> <xs:documentation>Customs Data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a </pre>

	consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006). <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure

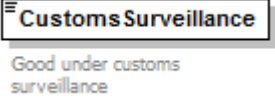
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).
source	<pre> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU

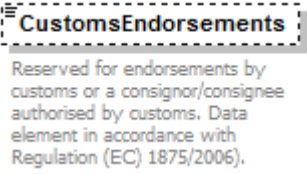
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code for the principal RU
source	<pre> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsSurveillance

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:boolean
properties	content simple
annotation	documentation Good under customs surveillance
source	<pre> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsEndorsements

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).
source	<pre> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

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

```

element ConsignmentOrderMessage/COMS/COM/RU_Declarations

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	RU_Declaration DifferentAcceptance
annotation	documentation Carriers declaration
source	<pre> <xs:element name="RU_Declarations" minOccurs="0"> <xs:annotation> <xs:documentation>Carriers declaration</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ...(give </pre>

	<pre> details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods damaged:(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <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"> </pre>
--	---

```

        <xs:annotation>
          <xs:documentation>Inclement weather, at the request of
the consignee Impossible to make the examination in accordance with CIM
Article 11 section 3, because of inclement weather </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    <xs:enumeration value="9.2">
      <xs:annotation>
        <xs:documentation>Inclement weather, at the request of
the consignee Impossible to make the examination in accordance with CIM
Article 11 section 3, because of sealing of the wagon or ITU
      </xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="9.3">
    <xs:annotation>
      <xs:documentation>Inclement weather, at the request of
the consignee Impossible to make the examination in accordance with CIM
Article 11 section 3, because of load in the wagon or ITU inaccessible
    </xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Request for examination in accordance
with CIM Article 11 section 3 presented late by the
consignor</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Examination not made because of a
shortage of resources: ... (give details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Other reserves: ... (give
details)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Code used for declarations, which are
no reservations. This code is not included in the official CIT code list and
is not to be printed on the paper consignment note.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="DeclarationText" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DifferentAcceptance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the changes of the acceptance point

```

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

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

diagram	<pre> classDiagram class RU_Declaration { DeclaringRU RU_DeclarationCode DeclarationText } RU_Declaration "0..30" --> DeclaringRU RU_Declaration "0..30" --> RU_DeclarationCode RU_Declaration "0..30" --> DeclarationText </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 30 content complex
children	DeclaringRU RU_DeclarationCode DeclarationText
annotation	documentation Details of the carriers declaration.
source	<pre> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> </pre>

```

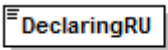
<xs:annotation>
  <xs:documentation>Code of carrier, who added the
  declaration.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="RU_DeclarationCode">
  <xs:annotation>
    <xs:documentation>Carrier declaration code. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Without packing</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Unsatisfactory packaging: ... (give
          details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Insufficient packaging: ... (give
          details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.1">
        <xs:annotation>
          <xs:documentation>Goods clearly in poor condition: ... (give
          details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.2">
        <xs:annotation>
          <xs:documentation>Goods damaged: (give
          details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.3">
        <xs:annotation>
          <xs:documentation>Goods wet: ... (give
          details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.4">
        <xs:annotation>
          <xs:documentation>Goods frozen: ... (give
          details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Loaded by the consignor</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">

```

	<pre> <xs:annotation> <xs:documentation>Loaded by the carrier in inclement weather at the request of the consignor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Unloaded by the consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Unloaded by the carrier in ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.1"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.2"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.3"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> </pre>
--	--

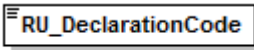
	<pre> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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

diagram	 <p>Code of carrier, who added the declaration.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Code of carrier, who added the declaration.												
source	<pre><xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element></pre>												

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/RU_DeclarationCode

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	1	documentation Without packing
	enumeration	2	documentation Unsatisfactory packaging: ...(give details)
	enumeration	3	documentation Insufficient packaging: ... (give details)
	enumeration	4.1	documentation Goods clearly in poor condition: ... (give details)

	<p>enumeration 4.2 documentation Goods damaged:(give details)</p> <p>enumeration 4.3 documentation Goods wet: ... (give details)</p> <p>enumeration 4.4 documentation Goods frozen: ... (give details)</p> <p>enumeration 5 documentation Loaded by the consignor</p> <p>enumeration 6 documentation Loaded by the carrier in inclement weather at the request of the consignor</p> <p>enumeration 7 documentation Unloaded by the consignee</p> <p>enumeration 8 documentation Unloaded by the carrier in ...</p> <p>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</p> <p>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</p> <p>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</p> <p>enumeration 10 documentation Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</p> <p>enumeration 11 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> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>

```

<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>
    <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>

```

	<pre> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	DifferentAcceptancePoint DifferentAcceptanceDate
annotation	documentation Details of the changes of the acceptance point given by the consignor.
source	<pre> <xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> </pre>

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

element


ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram	<p>The diagram illustrates the structure of the DifferentAcceptancePoint element. It is a complex type containing four elements: CountryCodeISO (Identifies a County or State by code (ISO 3166-1)), LocationPrimaryCode, PrimaryLocationName (Location Name in an official language of the Country using the ISO Unicode alphabet), and LocationSubsidiaryIdentification (Code, Name and allocation company of Subsidiary Location). The diagram is enclosed in a dashed box labeled LocationIdent.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.
source	<pre> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </pre>

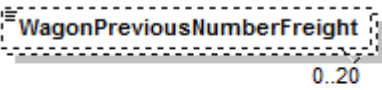
	<code></xs:element></code>
--	----------------------------------

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

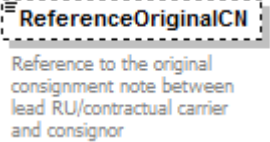
diagram	 <p>DifferentAcceptanceDate Variance of acceptance date given structure AcceptancePoint.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern <code>.*00:00[+-]\d{2}:\d{2}</code>
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre><xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime" value=".*00:00[+-]\d{2}:\d{2}"/> <xs:pattern /> </xs:restriction> </xs:simpleType> </xs:element></pre>

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


diagram	 <p>WagonPreviousNumberFreight 0..20 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/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 20 content simple
facets	Kind Value Annotation length 12
annotation	documentation Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey
source	<pre><xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

	<pre> <xs:length </xs:restriction> </xs:simpleType> </xs:element> </pre>	value="12"/>
--	---	--------------

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

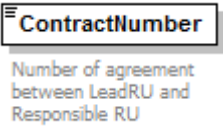
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>150</td> <td></td> </tr> </tbody> </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> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element **ContainerHandlingFlag**

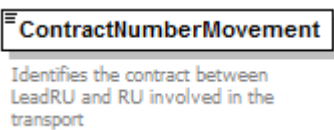
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
type	xs:boolean	
properties	content simple	
used by	element LocationPrimaryInformation	
annotation	documentation This establishment is able to handle container traffic	
source	<pre> <xs:element name="ContainerHandlingFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>This establishment is able to handle container traffic</xs:documentation> </xs:annotation> </pre>	

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

element **ContractNumber**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData	
facets	Kind	Value	Annotation
	minLength	1	documentation
	maxLength	6	has to be sent as n6 (with leading zeros if necessary)
annotation	documentation Number of agreement between LeadRU and Responsible RU		
source	<pre> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **ContractNumberMovement**

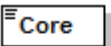
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	FreeText		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Identifies the contract between LeadRU and RU involved in the transport		
source	<pre> <xs:element name="ContractNumberMovement" type="FreeText"> </pre>		

	<pre> <xs:annotation> <xs:documentation>Identifies the contract between LeadRU and RU involved in the transport</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

element **CoordinatingIM**

diagram	<div><div><div>CoordinatingIM</div></div><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></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage												
facets	<table><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	<div>documentation</div> <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><xs:element name="CoordinatingIM" type="CompanyCode"> <xs:annotation> <xs:documentation>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs. </xs:documentation> </xs:annotation> </xs:element></pre>												

element **Core**

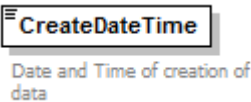
diagram	 <p>It is the main part of identifier and is determined by the company that creates it.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	content simple

used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType		
facets	Kind	Value	Annotation
	minLength	12	
	maxLength	12	
	whiteSpace	replace	
	pattern	[\-*0-9A-Z]{12}	
annotation	documentation It is the main part of identifier and is determent by the company that creates it.		
source	<pre><xs:element name="Core"> <xs:annotation> <xs:documentation>It is the main part of identifier and is determent by the company that creates it.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="12"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="12"/> <xs:pattern value="[\-*0-9A-Z]{12}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element CountryCodeISO

diagram	<div><div><div>CountryCodeISO</div></div><div>Identifies a County or State by code (ISO 3166-1)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	extension of CountryIdentISO									
properties	content complex									
used by	<table><tr><td>elements</td><td>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier RollingRoadUnit/RollingRoadUnitDetails/Vehicles</td><td>LocationFileDatasetMessage</td></tr><tr><td>complexTypes</td><td>CustomerCode</td><td>LocationIdent</td></tr></table>	elements	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier RollingRoadUnit/RollingRoadUnitDetails/Vehicles	LocationFileDatasetMessage	complexTypes	CustomerCode	LocationIdent			
elements	RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier RollingRoadUnit/RollingRoadUnitDetails/Vehicles	LocationFileDatasetMessage								
complexTypes	CustomerCode	LocationIdent								
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<div>documentation</div> <div>Identifies a County or State by code (ISO 3166-1)</div>									
source	<pre><xs:element name="CountryCodeISO"> <xs:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-1)</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CountryIdentISO"/> </xs:simpleContent> </xs:complexType> </xs:element></pre>									

element **CreateDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of creation of data
source	<pre><xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element></pre>

element **Customer**

diagram	<p>Customer Consignor or Consignee</p> <p>CustomerCode (extension)</p> <ul style="list-style-type: none">CountryCodeISO Identifies a County or State by code (ISO 3166-1)PrimaryCodeAdditionalCode <p>Type Customer Type: CR Consignor, CE Consignee</p> <p>CustomerCode CODE: Customer Code of the Contractual Carrier</p> <p>Name Generic Name in Free Text</p> <p>AdditionalInformation Additional Information supplied by Customer</p> <p>VAT Value Added Tax</p> <p>POBox P.O. Box</p> <p>StreetNumber Street Number</p> <p>Street Street</p> <p>Country Country Code ISO</p> <p>ZIPCode Postal Code</p> <p>City City / Town</p> <p>Signature Signature</p> <p>Contacts Contact information</p> <p>ContractualCarrierCode Contractual Carrier Code</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of CustomerCode

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

```

        <xs:minLength value="1"/>
        <xs:maxLength value="25"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="POBox" minOccurs="0">
    <xs:annotation>
        <xs:documentation>P.O. Box</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Street Number</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Street</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code ISO</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="2"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>

```

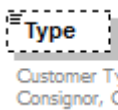
```

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

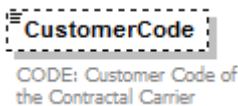
```

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

element Customer/Type

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:token									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><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 Customer Type: CR Consignor, CE Consignee									
source	<pre><xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element Customer/CustomerCode


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>16</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation CODE: Customer Code of the Contractal Carrier									
source	<pre><xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **Customer/AdditionalInformation**

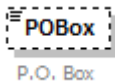
diagram	<div><div><div>AdditionalInformation</div><div>Additional Information supplied by Customer</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<div>minOcc0</div> <div>maxOcc1</div> <div>contentsimple</div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>45</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	45	
Kind	Value	Annotation								
minLength	1									
maxLength	45									
annotation	<div>documentation</div> <div>Additional Information supplied by Customer</div>									
source	<pre><xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/VAT**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **Customer/POBox**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation P.O. Box
source	<pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/StreetNumber**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>5</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Street Number									
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Street Number</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **Customer/Street**

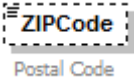
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/Country**

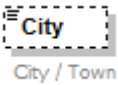
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						
annotation	documentation Country Code ISO						
source	<pre><xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation></pre>						

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

element Customer/ZIPCode


diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation									
minLength	1										
maxLength	9										
annotation	documentation Postal Code										
source	<pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element Customer/City

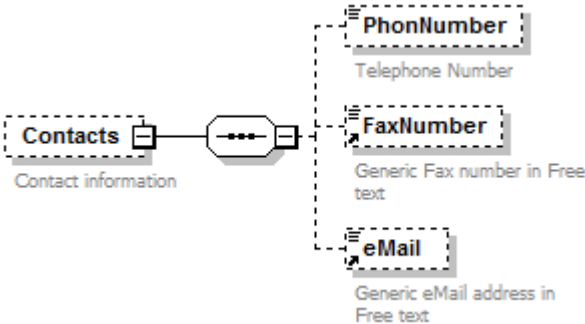
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation									
minLength	1										
maxLength	35										
annotation	documentation City / Town										
source	<pre> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City / Town</xs:documentation> </xs:annotation> <xs:simpleType> </pre>										

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

element Customer/Signature

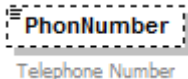
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation									
minLength	1										
maxLength	35										
annotation	documentation Signature										
source	<pre> <xs:element name="Signature" minOccurs="0" <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element Customer/Contacts

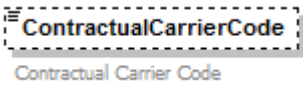
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
properties	minOcc 0 maxOcc 1 content complex	
children	PhonNumber FaxNumber eMail	
annotation	documentation Contact information	

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

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>30</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation								
minLength	1									
maxLength	30									
annotation	documentation Telephone Number									
source	<pre><xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Customer/ContractualCarrierCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 4
annotation	documentation Contractual Carrier Code
source	<pre><xs:element name="ContractualCarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>Contractual Carrier Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="4"/> </xs:simpleType> </xs:element></pre>

element **CustomerNumber**

diagram	<div><div><div>CustomerNumber</div></div><p>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	elements Customers LoadingFacility									
facets	<table><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>16</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	<div>documentation</div> <div>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</div>									
source	<pre><xs:element name="CustomerNumber"> <xs:annotation> <xs:documentation>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAF element</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element Customers

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	CustomerType CustomerNumber AdministrativeContactInformation LeadRU
used by	elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonReleaseNoticeMessage
annotation	documentation Information about the consignor and consignee
source	<pre><xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor and consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"> <xs:annotation> <xs:documentation>CustomerNumber</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="LeadRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element **Customers/CustomerType**

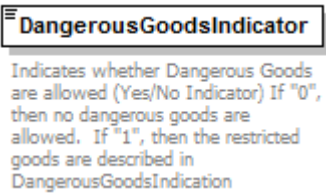
diagram	<div><div><div>CustomerType</div></div><div>Type of participation CR: Consignor CE: Consignee</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</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><xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DangerousGoodsIndication**


diagram	<p>DangerousGoodsIndication Identifies dangerous goods</p> <p>DanGoodsType</p> <p>HazardIdentificationNumber</p> <p>UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerLabel 0.5 All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification). 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids, self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances 5.2 Organic peroxides 6.1 Toxic substances 6.2 Infectious substances 7A Radioactive material, category I 7B Radioactive material, category II 7C Radioactive material, category III 7D (obsolete) should be used for general information about class 7 7E Fissile radioactive material 8 Corrosive substances 9 Miscellaneous dangerous substances and articles</p> <p>RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p>PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4 II Medium danger III Low danger</p> <p>DangerousGoodsWeight The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume The volume of the dangerous goods in cubic meters</p> <p>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3-4 RID</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	DanGoodsType

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

element **DangerousGoodsIndicator**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
used by	element TrainRunningData
annotation	documentation Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication
source	<pre><xs:element name="DangerousGoodsIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</xs:documentation> </xs:annotation> </xs:element></pre>

element **DangerousGoodsVolume**

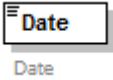
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	VolumeValue
properties	content simple
used by	element SummaryOfGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue"> <xs:annotation></pre>

	<pre> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--


element **DangerousGoodsWeight**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	WeightValueKilo												
properties	content simple												
used by	element SummaryOFGoodsWithSameRID complexType DanGoodsType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation The weight of dangerous goods in kilograms												
source	<pre><xs:element name="DangerousGoodsWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation> </xs:annotation> </xs:element></pre>												

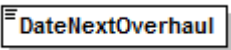
element **Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
annotation	documentation Date
source	<pre> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date</xs:documentation> </xs:annotation> </xs:element> </pre>

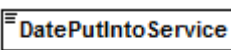
element **DateLastOverhaul**

diagram	 <p>Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.
source	<pre><xs:element name="DateLastOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. </xs:documentation> </xs:annotation> </xs:element></pre>

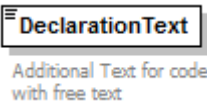
element **DateNextOverhaul**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
source	<pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre>

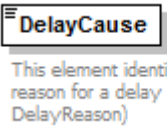
element **DatePutIntoService**

diagram	 <p>Original Date of first operation</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/AdministrativeDataSet
annotation	documentation Original Date of first operation
source	<pre><xs:element name="DatePutIntoService" type="xs:date"> <xs:annotation> <xs:documentation>Original Date of first operation</xs:documentation> </xs:annotation> </xs:element></pre>

element **DeclarationText**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	350	
annotation	documentation Additional Text for codes with free text		
source	<pre> <xs:element name="DeclarationText"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **DelayCause**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	DelayCode		
properties	content	simple	
used by	elements	DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus	
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	

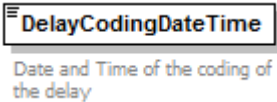
	enumeration 24 enumeration 25 enumeration 28 enumeration 29 enumeration 31 enumeration 30 enumeration 32 enumeration 39 enumeration 40 enumeration 41 enumeration 50 enumeration 51 enumeration 52 enumeration 53 enumeration 54 enumeration 58 enumeration 59 enumeration 60 enumeration 61 enumeration 62 enumeration 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 This element identifies the reason for a delay (modified DelayReason)
source	<pre> <xs:element name="DelayCause" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for a delay (modified DelayReason)</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayCauseTime**

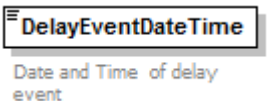
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks
used by	element DelayEventReport
annotation	documentation Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)
source	<pre> <xs:element name="DelayCauseTime"> <xs:annotation> <xs:documentation>Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayCause"> <xs:annotation> <xs:documentation>Describes the reason for a delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayMinutes"/> <xs:element ref="DelayEventDateTime"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"> <xs:annotation> <xs:documentation>The link to the System Reference</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCodingDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Date and Time of the coding of the </pre>

	<pre> delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Remarks" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element DelayCodingDateTime

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of the coding of the delay
source	<pre> <xs:element name="DelayCodingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> </pre>

element DelayEventDateTime

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element DelayCauseTime
annotation	documentation Date and Time of delay event
source	<pre> <xs:element name="DelayEventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event </xs:documentation> </xs:annotation> </xs:element> </pre>

element **DelayEventReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	DelayLocation TrainLocationStatus DelayCauseTime
used by	element TrainDelayCauseMessage
annotation	documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)
source	<pre> <xs:element name="DelayEventReport"> <xs:annotation> <xs:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayLocation"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="DelayCauseTime"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **DelayLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element DelayEventReport
annotation	documentation Location where the Delay occurred
source	<pre><xs:element name="DelayLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Location where the Delay occurred</xs:documentation> </xs:annotation> </xs:element></pre>

element **DelayMinutes**

diagram	<div><div><div>DelayMinutes</div></div><div>Identifieis the delay (in minutes) of a train for a specified cause</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	String1-5									
properties	content simple									
used by	element DelayCauseTime									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>5</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	documentation Identifieis the delay (in minutes) of a train for a specified cause									
source	<pre><xs:element name="DelayMinutes" type="String1-5"> <xs:annotation> <xs:documentation>Identifieis the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation></pre>									

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

element **DeliveryAtDestination**

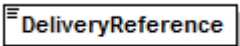
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Destination DeliveryTimeAtDestination
used by	element WagonDeliveryNoticeMessage
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer
source	<pre><xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="DeliveryTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **DeliveryInterchangePoint**

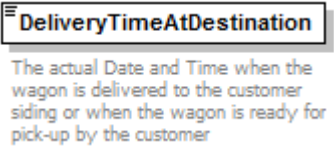
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location DeliveryTimeAtInterchange
used by	element WagonInterchangeNoticeMessage
annotation	documentation Place where the responsibility of a wagon is changed and the date and time when the wagon responsibility is handed over
source	<pre><xs:element name="DeliveryInterchangePoint"></pre>

	<pre> <xs:annotation> <xs:documentation>Place where the responsibility of a wagon is changed and the date and time when the wagon responsibility is handed over</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **DeliveryReference**

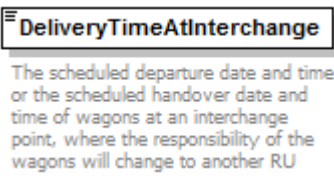
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	content	simple	
used by	elements	ITU Details Wagons/WagonDetails	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	30	
source	<pre><xs:element name="DeliveryReference"> <xs:annotation/> <xs:simpleType> <xs:restriction base="xs:string" value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **DeliveryTimeAtDestination**

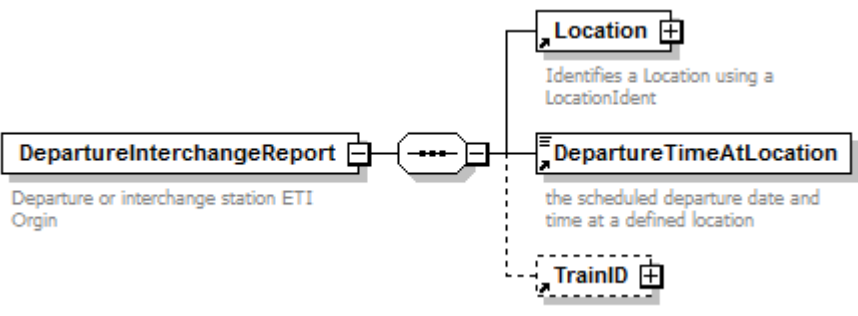
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element DeliveryAtDestination
annotation	documentation The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer
source	<pre> <xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"> <xs:annotation> </pre>

	<pre> <xs:documentation>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **DeliveryTimeAtInterchange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements DeliveryInterchangePoint NextIntermediateDestination
annotation	documentation The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU
source	<pre> <xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DepartureInterchangeReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location DepartureTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	documentation Departure or interchange station ETI Origin
source	<pre> <xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Origin</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="TrainID" /> <xs:element ref="DepartureTimeAtLocation" /> <xs:element ref="Location" /> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **DepartureJourneyTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Indicates the track ID on which the train will start its journey.
source	<pre> <xs:element name="DepartureJourneyTrack" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train will start its journey.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **DepartureTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin YardDeparture

annotation	documentation the scheduled departure date and time at a defined location
source	<pre><xs:element name="DepartureTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>the scheduled departure date and time at a defined location</xs:documentation> </xs:annotation> </xs:element></pre>

element **DepartureTrackAtLocation**

diagram	<p>DepartureTrackAtLocation Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> <p>LocationIdent</p> <ul style="list-style-type: none"> CountryCodeISO Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName Location Name in an official language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification (+) Code, Name and allocation company of Subsidiary Location
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
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><xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</xs:documentation> </xs:annotation> </xs:element></pre>

element **Destination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ArrivalAtDestination WIMO_Dataset/ConsignmentLevelData DeliveryAtDestination
annotation	documentation Destination Location
source	<pre> <xs:element name="Destination" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination Location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Dimensions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	LengthCode Length Width Height
used by	element ITU_Details

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

element Dimensions/LengthCode

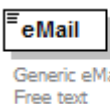
diagram	<div><div><div>LengthCode</div></div><div>Length code according to UIC leaflet 592-2</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>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><xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

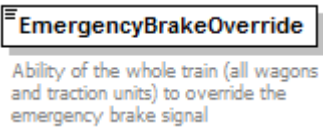
element DwellTime

diagram	<div><div><div>DwellTime</div><div>The minimum duration of dwell time expressed in minutes</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table><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><xs:element name="DwellTime"> <xs:annotation> <xs:documentation>The minimum duration of dwell time expressed in minutes </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal" value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						


element eMail

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	CommunicationRefID									
properties	content simple									
used by	elements AdministrativeContactInformation Customer/Contacts									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>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><xs:element name="eMail" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									

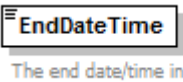
element **EmergencyBrakeOverride**

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/2.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre><xs:element name="EmergencyBrakeOverride" type="xs:boolean"> <xs:annotation> <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDate**

diagram	 <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
used by	complexType ValidityPeriod
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDate" type="xs:date"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndTime**

diagram	 <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndTime" type="xs:dateTime"> <xs:annotation></pre>

	<pre><xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **EndLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation End point of a section or segment
source	<pre><xs:element name="EndLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>End point of a section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **ErrorMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus AdministrativeContactInformation ErrorCauseReference Error PlannedTransportIdentifiers TransportOperationalIdentifiers
annotation	<p>documentation</p> <p>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p>
source	<pre> <xs:element name="ErrorMessage"> <xs:annotation> <xs:documentation>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element name="ErrorCauseReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

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

```

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

element ErrorMessage/ErrorMessageReference

diagram	<p>The reference to the message and its particular element(s) that caused the error is provided here</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	MessageReference MessageSenderReference
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here
source	<pre> <xs:element name="ErrorMessageReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element ErrorMessage/ErrorMessageReference/MessageSenderReference

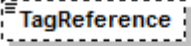
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </pre>

element **ErrorMessage/Error**

diagram	<p>TagReference This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p> <p>TypeError It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p> <p>Severity 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</p> <p>ErrorCode To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</p> <p>FreeTextField Free Text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 1 maxOcc unbounded content complex
children	TagReference TypeError Severity ErrorCode FreeTextField
source	<pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a </pre>

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

element **ErrorMessage/Error/TagReference**

diagram	 <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:string

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression indicating the element of the original message which caused the error.
source	<pre><xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xs:documentation> </xs:annotation> </xs:element></pre>

element ErrorMessage/Error/TypeOfError

diagram	<div><div>TypeOfError</div><p>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:integer												
properties	content simple												
facets	<table><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	<div>documentation</div> <p>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</p>												
source	<pre><xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **ErrorMessage/Error/Severity**

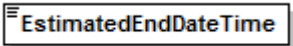
diagram	<div><div>Severity</div><div>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:integer															
properties	content simple															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4	
Kind	Value	Annotation														
enumeration	1															
enumeration	2															
enumeration	3															
enumeration	4															
annotation	documentation 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.															
source	<pre><xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **ErrorMessage/Error/ErrorCode**

diagram	<div><div><div>ErrorCode</div></div><p>To be defined: code list from 1 to 9999, Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</p></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:integer						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

	maxInclusive 9999 pattern \d
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> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> <xs:pattern value="\d"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **EstimatedEndTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
source	<pre> <xs:element name="EstimatedEndTime" type="xs:dateTime"/> </pre>

element **ExceptionalGaugingCode**

diagram	<div><div><div>ExceptionalGaugingCode</div></div><div>Acceptance agreement number, based on guidelines of IM_Partner</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	element ExceptionalGaugingIdent									
facets	<table><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>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner									
source	<pre><xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, based on guidelines of IM_Partner</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string" value="1"/> value="24"/> </pre>
--	--	--

element **ExceptionalGaugingIdent**

diagram	<p>Indicates that an exceptional Gauging is in the train or for the wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	IM Partner ExceptionalGaugingCode
used by	elements PlannedTrainData WagonOperationalData
annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon
source	<pre> <xs:element <xs:annotation> <xs:documentation>Indicates that an exceptional Gauging is in the train or for the wagon </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre> <pre> name="ExceptionalGaugingIdent"> ref="IM_Partner"/> ref="ExceptionalGaugingCode"/> </pre>

element **ExceptionalGaugingInd**

diagram	<p>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
used by	element TrainRunningData
annotation	documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false)
source	<pre> <xs:element <xs:annotation> </pre> <pre> name="ExceptionalGaugingInd" type="xs:boolean"> </pre>

	<pre><xs:documentation>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **ExceptionalGaugingProfile**

diagram	<div><div><div>ExceptionalGaugingProfile</div></div><div>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	element WagonOperationalData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>7</td><td></td></tr><tr><td>maxLength</td><td>7</td><td></td></tr></table>	Kind	Value	Annotation	minLength	7		maxLength	7	
Kind	Value	Annotation								
minLength	7									
maxLength	7									
annotation	<div>documentation</div> <div>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</div>									
source	<pre><xs:element name="ExceptionalGaugingProfile"> <xs:annotation> <xs:documentation>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ExceptionPoint**

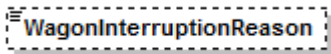
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation
used by	element WagonExceptionReport
annotation	documentation Describes the interruption points with location and the time of the interruption
source	<pre> <xs:element name="ExceptionPoint"> <xs:annotation> <xs:documentation>Describes the interruption points with location and the time of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ResponsibleRU"/> <xs:element ref="WagonLocationStatus"/> <xs:element ref="ScheduledTimeAtLocation"/> <xs:element ref="ExceptionTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ExceptionReason**

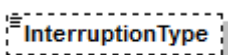
diagram	<p>ExceptionReason Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> <p>WagonInterruptionReason Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> <p>InterruptionDescription The free text description of an interruption</p> <p>InterruptionType Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	WagonInterruptionReason InterruptionDescription InterruptionType
used by	element WagonExceptionReport
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> <xs:element name="ExceptionReason"> <xs:annotation> <xs:documentation>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon" damaged"/> <xs:enumeration value="change" of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **ExceptionReason/WagonInterruptionReason**

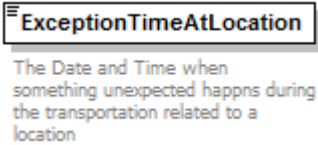
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	wagon damaged	
	enumeration	change of route	
	enumeration	other	
source	<pre><xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **ExceptionReason/InterruptionType**

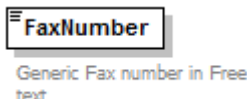
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:token															
properties	minOcc 0 maxOcc 1 content simple															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>length</td><td>1</td><td></td></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><xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

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

element **ExceptionTimeAtLocation**

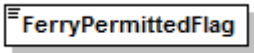
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation The Date and Time when something unexpected happens during the transportation related to a location
source	<pre> <xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time when something unexpected happens during the transportation related to a location</xs:documentation> </xs:annotation> </xs:element> </pre>

element **FaxNumber**


diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	CommunicationRefID						
properties	content simple						
used by	elements AdministrativeContactInformation Customer/Contacts						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 70
annotation	documentation Generic Fax number in Free text
source	<pre><xs:element name="FaxNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Fax number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>


element FerryPermittedFlag

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="FerryPermittedFlag" type="xs:boolean"/></pre>

element FreeTextField


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Text
source	<pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element FreightFlag

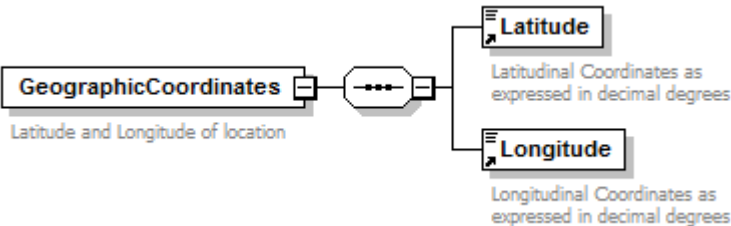
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Freight Activity
source	<pre> <xs:element name="FreightFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Freight Activity</xs:documentation> </xs:annotation> </xs:element> </pre>

element **GeographicalCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2
source	<pre> <xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leafle 920-2</xs:documentation> </xs:annotation> </xs:element> </pre>

element **GeographicCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Latitude Longitude
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation
annotation	documentation Latitude and Longitude of location
source	<pre> <xs:element name="GeographicCoordinates"> <xs:annotation> <xs:documentation>Latitude and Longitude of location</xs:documentation> </xs:annotation> <xs:complexType> </pre>

	<pre><xs:sequence> <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element></pre> <pre>ref="Latitude"/> ref="Longitude"/></pre>
--	---

element **Goods**

diagram	<p>NoGoodsOfClassX Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> <p>RID The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</p> <p>Packing Packing information</p> <p>NHM_Code NHM code of the goods</p> <p>PreviousLoadedGood</p> <p>GoodsDescription This element describes the goods of the shipment as free text</p> <p>AdditionalGoodInformation Additional information regarding the loaded good, given by the customer.</p> <p>GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</p> <p>HS_Code HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p> <p>EWC_Key Numeric key according to the European Waste Catalogue</p> <p>Goods Describes the goods inside the means of transport</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

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

```

<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
  <xs:annotation>
    <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code" minOccurs="0"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information regarding the loaded good,
given by the customer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip)
10 digits are needed, if a good code was already assigned for 'Zollanmeldung'.
In this case this good code has to be taken. These good codes may have more
than 6 digits.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="6"/>
      <xs:maxLength value="10"/>
      <xs:pattern value="\d*[1-9]\d*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Numeric key according to the European Waste
Catalogue</xs:documentation>
    <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="2"/>

```


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

element **Goods/NoGoodsOfClassX**

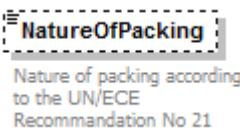
diagram	<div><div>NoGoodsOfClassX</div><p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									
annotation	<div>documentation</div> <div>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)</div>									
source	<pre><xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Goods/Packing**

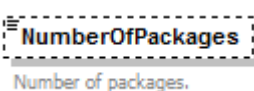
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	documentation Packing information
source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **Goods/Packing/NatureOfPacking**

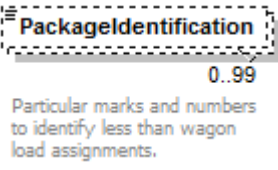
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation Nature of packing according to the UN/ECE Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21									
source	<pre><xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Goods/Packing/NumberOfPackages**

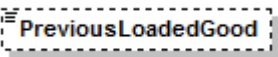
element NumberOfPackages (restriction of xs:int)		
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
type	restriction of xs:int	
properties	minOcc 0 maxOcc 1 content simple	
facets	Kind Value Annotation	

	minInclusive 1 maxInclusive 99999
annotation	documentation Number of packages.
source	<pre> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Goods/Packing/PackageIdentification**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 99 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Particular marks and numbers to identify less than wagon load assignments.
source	<pre> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Goods/PreviousLoadedGood**

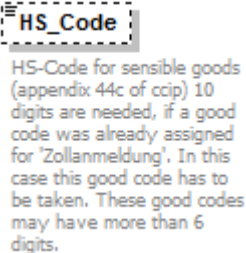
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	NHMCodeType

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	<code><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></code>

element Goods/AdditionalGoodInformation

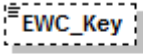
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre> <xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element Goods/HS_Code

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
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> <xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

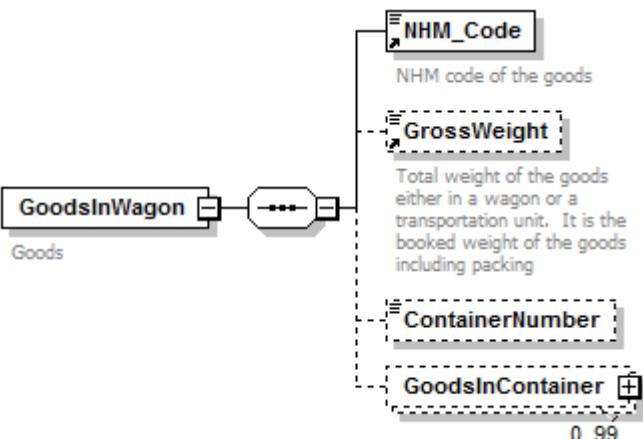
element Goods/EWC_Key

diagram	 <p>Numeric key according to the European Waste Catalogue</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 6 pattern \d*
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC
source	<pre> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **GoodsDescription**

diagram	<div><div><div>GoodsDescription</div><div>This element describes the goods of the shipment as free text</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	element Goods									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation This element describes the goods of the shipment as free text									
source	<pre><xs:element name="GoodsDescription" type="FreeText"> <xs:annotation> <xs:documentation>This element describes the goods of the shipment as free text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **GoodsInWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	NHM_Code GrossWeight ContainerNumber GoodsInContainer
used by	element WagonInformation
annotation	documentation Goods
source	<pre> <xs:element name="GoodsInWagon"> <xs:annotation> <xs:documentation>Goods</xs:documentation> </xs:annotation> </xs:complexType> </pre>

	<pre> <xs:sequence> <xs:element <xs:element <xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element GoodsInWagon/ContainerNumber

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	EquipmentNumberType									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><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>13</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
source	<pre><xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/></pre>									

element GoodsInWagon/GoodsInContainer

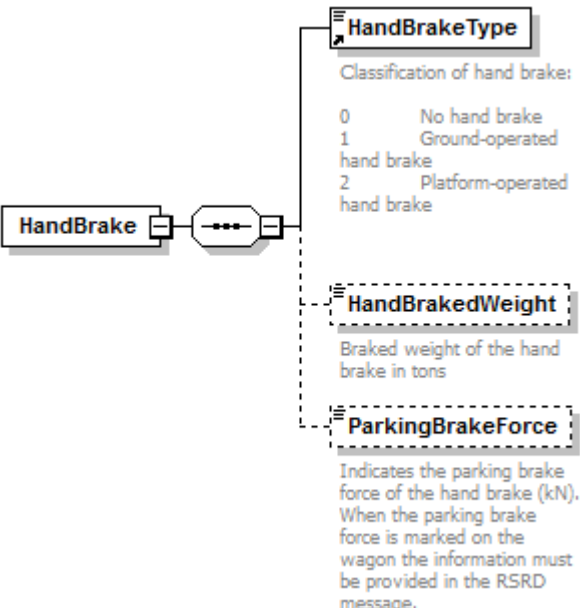
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 99 content complex
children	NHM_Code GrossWeight
source	<pre> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **GrossWeight**

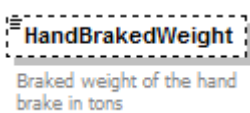
diagram	<div><div><div>GrossWeight</div></div><div>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	WeightValueKilo												
properties	content simple												
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>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 goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing												
source	<pre><xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing </xs:documentation> </xs:annotation> </xs:element></pre>												

element **HandBrake**

diagram	
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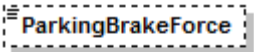
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element RollingStockDataset/DesignDataSet
source	<pre> <xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ParkingBrakeForce" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **HandBrake/HandBrakedWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>totalDigits</td><td>4</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	<div>documentation</div> <div>Braked weight of the hand brake in tons</div>									

source	<pre> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element HandBrake/ParkingBrakeForce

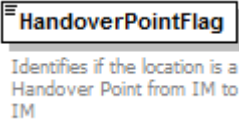
diagram	 <p>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.									
source	<pre> <xs:element name="ParkingBrakeForce" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element HandlingInstruction

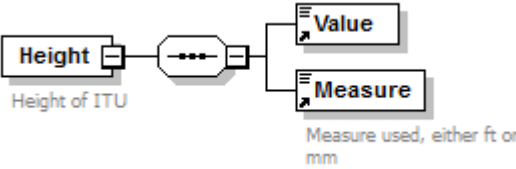
diagram	 <p>Special instructions regarding the handling of the wagon or shipment in free text</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	FreeText		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Special instructions regarding the handling of the wagon or shipment in free text		
source	<pre><xs:element name="HandlingInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre>		

element HandoverPointFlag

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
used by	element LocationPrimaryInformation
annotation	documentation Identifies if the location is a Handover Point from IM to IM
source	<pre> <xs:element name="HandoverPointFlag"> <xs:annotation> <xs:documentation>Identifies if the location is a Handover Point from IM to IM</xs:documentation> </xs:annotation> </xs:element> </pre>

element Height

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Height of ITU
source	<pre> <xs:element name="Height"> <xs:annotation> <xs:documentation>Height of ITU</xs:documentation> </xs:annotation> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **HighestPlannedSpeed**


diagram	<div><div><div>HighestPlannedSpeed</div></div><p>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Speed									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	001									
maxInclusive	999									
annotation	documentation IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction									
source	<pre><xs:element name="HighestPlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Identifiers**


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
properties	content complex												
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers												
used by	<table><tr><td>elements</td><td>PathCanceledMessage</td><td>PathConfirmedMessage</td><td>PathDetailsMessage</td></tr><tr><td></td><td>PathDetailsRefusedMessage</td><td>PathNotAvailableMessage</td><td>PathRequestMessage</td></tr><tr><td></td><td>ReceiptConfirmationMessage</td><td></td><td></td></tr></table>	elements	PathCanceledMessage	PathConfirmedMessage	PathDetailsMessage		PathDetailsRefusedMessage	PathNotAvailableMessage	PathRequestMessage		ReceiptConfirmationMessage		
elements	PathCanceledMessage	PathConfirmedMessage	PathDetailsMessage										
	PathDetailsRefusedMessage	PathNotAvailableMessage	PathRequestMessage										
	ReceiptConfirmationMessage												
source	<pre><xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="RelatedPlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </pre>												

	<pre> maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element IM_Partner

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Infrastructure Manager												
source	<pre><xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element></pre>												

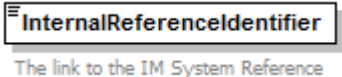
element ImpactedRU

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	CompanyCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	The RU impacted by a restriction	
source	<pre><xs:element name="ImpactedRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU impacted by a restriction</xs:documentation> </xs:annotation> </xs:element></pre>		

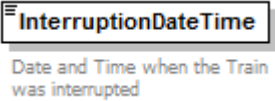
element **IntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of a train
source	<pre><xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element></pre>


element **InternalReferenceIdentifier**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation TrainJourneyModificationMessage									
facets	<table><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 The link to the IM System Reference									
source	<pre><xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element></pre>									

element InterruptionDateTime

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements InterruptionPoint/Interruption InterruptionInformation
annotation	documentation Date and Time when the Train was interrupted
source	<pre><xs:element name="InterruptionDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the Train was interrupted</xs:documentation> </xs:annotation> </xs:element></pre>

element InterruptionDescription

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	FreeText
properties	content simple
used by	elements ChangeofTrackMessage ExceptionReason InterruptionPoint/Interruption InterruptionInformation
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation The free text description of an interruption
source	<pre><xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre>

element **InterruptionInformation**

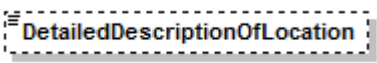
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier
used by	element PathNotAvailableMessage
annotation	<p>documentation</p> <p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p>
source	<pre> <xs:element name="InterruptionInformation"> <xs:annotation> <xs:documentation>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element ref="InterruptionDateTime" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint**

diagram	<p>InterruptionPoint describes the interruption points with location and the reason for the interruption</p> <p>Location Identifies a Location using a LocationIdent</p> <p>DetailedDescriptionOfLocation</p> <p>Interruption</p> <p>InterruptionDuration To specify the probable duration of the interruption</p> <p>Remarks 0..∞ To provide any additional information to the RU or next IM (e.g. contact person, next steps, etc)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location DetailedDescriptionOfLocation Interruption InterruptionDuration Remarks
used by	element TrainRunningInterruptionMessage
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<pre> <xs:element name="InterruptionPoint"> <xs:annotation> <xs:documentation>describes the interruption points with location and the reason for the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndTime" type="xs:dateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>To provide any additional information to the RU or next IM (e.g. contact person, next steps, etc)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre> <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> </pre>

element **InterruptionPoint/Interruption**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	EarliestEndTime LatestEndTime
annotation	documentation To specify the probable duration of the interruption
source	<pre> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </pre>

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

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

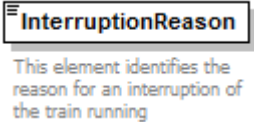
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption
source	<pre> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **InterruptionReason**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	DelayCode		
properties	content simple		
used by	elements ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation		
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	

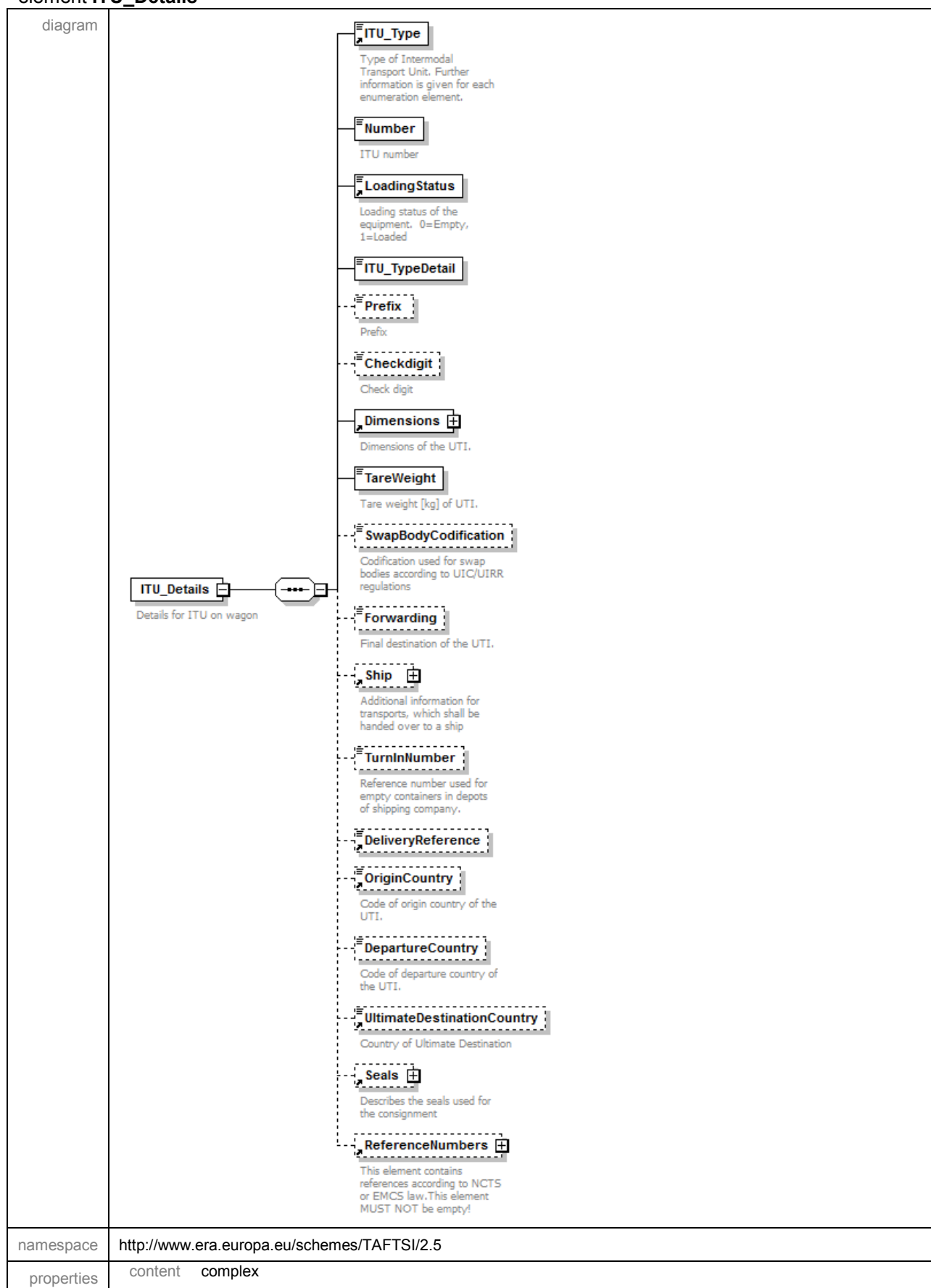
	<div>enumeration 64</div> <div>enumeration 68</div> <div>enumeration 70</div> <div>enumeration 69</div> <div>enumeration 71</div> <div>enumeration 80</div> <div>enumeration 81</div> <div>enumeration 82</div> <div>enumeration 83</div> <div>enumeration 84</div> <div>enumeration 89</div> <div>enumeration 90</div> <div>enumeration 91</div> <div>enumeration 92</div> <div>enumeration 93</div> <div>enumeration 94</div> <div>enumeration 95</div>
annotation	<div>documentation</div> <div>This element identifies the reason for an interruption of the train running</div>
source	<div><xs:element name="InterruptionReason" type="DelayCode"></div> <div><xs:annotation></div> <div><xs:documentation>This element identifies the reason for an interruption</div> <div>of the train running</xs:documentation></div> <div></xs:annotation></div> <div></xs:element></div>

element ITU

diagram	<p>ITU</p> <p>Describes the type and content of an IntermodalTransportUnit</p> <p>ITU_Details</p> <p>Details for Intermodal Transport Unit on wagon</p> <p>Goods</p> <p>1..99</p> <p>Describes the goods inside the means of transport</p> <p>SummaryOfGoodsWithSameRID</p> <p>0..25</p> <p>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	ITU Details Goods SummaryOfGoodsWithSameRID
used by	element Wagons
annotation	<div>documentation</div> <div>Describes the type and content of an IntermodalTransportUnit</div>
source	<div><xs:element name="ITU"></div>

	<pre><xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Details"> <xs:annotation> <xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Goods" maxOccurs="99"/> <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

element ITU Details



children	ITU Type Number LoadingStatus ITU TypeDetail Prefix Checkdigit Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers
used by	element ITU
annotation	documentation Details for ITU on wagon
source	<pre> <xs:element name="ITU_Details"> <xs:annotation> <xs:documentation>Details for ITU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Type"> <xs:annotation> <xs:documentation>Type of Intermodal Transport Unit. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

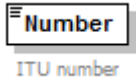
```

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


```

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

element ITU_Details/Number


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of EquipmentNumberType									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>13</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	13	
Kind	Value	Annotation								
minLength	1									
maxLength	13									
annotation	documentation ITU number									
source	<pre><xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element></pre>									

element ITU_Details/ITU_TypeDetail

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	BX	
	enumeration	BK	
	enumeration	FL	
	enumeration	HT	


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

element ITU_Details/Prefix


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Prefix
source	<pre> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element ITU_Details/Checkdigit

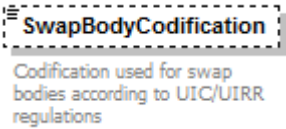
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:int						
properties	minOcc 0 maxOcc 1 content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	1	
Kind	Value	Annotation					
totalDigits	1						
annotation	documentation Check digit						
source	<pre><xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check digit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int" value="1"/> </xs:simpleType> </xs:element></pre>						

element ITU_Details/TareWeight


diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	WeightValueKilo												
properties	content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Tare weight [kg] of UTI.												
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element></pre>												

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

element ITU_Details/SwapBodyCodification

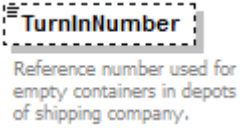
diagram	<div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>3</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	3		maxLength	4	
Kind	Value	Annotation								
minLength	3									
maxLength	4									
annotation	<div>documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:</div>									
source	<pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="3"/> value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element ITU_Details/Forwarding


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>80</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	documentation Final destination of the UTI.									
source	<pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType></pre>									

	<pre> <xs:restriction <xs:maxLength <xs:minLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="80"/> value="1"/> </pre>
--	--	--

element ITU_Details/TurnInNumber

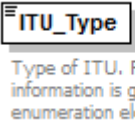
diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	30	
Kind	Value	Annotation									
minLength	1										
maxLength	30										
annotation	documentation Reference number used for empty containers in depots of shipping company.										
source	<pre> <xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

element ITU_Details/DepartureCountry

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	CountryIdentISO										
properties	minOcc 0 maxOcc 1 content simple										
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation									
minLength	2										
maxLength	2										
annotation	documentation Code of departure country of the UTI. documentation CODE: ISO-3166-2										

source	<pre> <xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element> </pre>
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element ITU_Type

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of EquipmentTypeType		
properties	content simple		
used by	element ITU_Details		
facets	Kind	Value	Annotation
	enumeration	cn	documentation Container
	enumeration	sw	documentation swap body
	enumeration	te	documentation Trailer (RollingRoad)
annotation	documentation Type of ITU. Further information is given for each enumeration element.		
source	<pre> <xs:element name="ITU_Type"> <xs:annotation> <xs:documentation>Type of ITU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentTypeType"/> </xs:simpleType> </xs:element> </pre>		

element **JourneySection**

diagram	<pre> classDiagram class JourneySection { "Defines the data provided by the IM for a journey section" } class JourneySectionDestination { "Destination of the section on which train composition is unchanged" } class JourneySectionOrigin { "Origin of the section on which train composition is unchanged" } class ResponsibilityActualSection { "This element identifies the responsible RU or IM for the actual path section" } class ResponsibilityNextSection { "This element identifies the responsible RU and IM for the following path section" } JourneySection -- JourneySectionDestination JourneySection -- JourneySectionOrigin JourneySection -- ResponsibilityActualSection JourneySection -- ResponsibilityNextSection </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	JourneySectionDestination JourneySectionOrigin ResponsibilityActualSection ResponsibilityNextSection
used by	element TrainCompositionJourneySection
annotation	documentation Defines the data provided by the IM for a journey section
source	<pre> <xs:element name="JourneySection"> <xs:annotation> <xs:documentation>Defines the data provided by the IM for a journey section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element ref="ResponsibilityActualSection"/> <xs:element ref="ResponsibilityNextSection"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element JourneySection/JourneySectionDestination

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
annotation	documentation Destination of the section on which train composition is unchanged
source	<pre> <xs:element name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

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</xs:complexType>
</xs:element>
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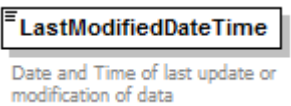
element **JourneySection/JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
annotation	documentation Origin of the section on which train composition is unchanged
source	<pre><xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

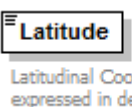
element **KeeperShortNameVKM**

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> 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element **LastModifiedDateTime**


diagram	 <p>Date and Time of last update or modification of data</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<pre> <xs:element name="LastModifiedDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of last update or modification of data</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Latitude**

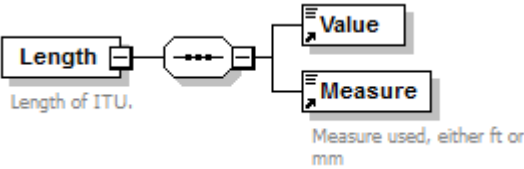
diagram	 <p>Latitudinal Coordinates as expressed in decimal degrees</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees
source	<pre><xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees</xs:documentation> </xs:annotation> </xs:element></pre>

element LeadRU

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements Customers PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Lead Railway Undertaking												
source	<pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>												

element Length

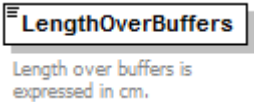
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Value Measure
used by	elements Dimensions TractionDetails complexType DimensionValue
annotation	documentation Length of ITU.
source	<pre><xs:element name="Length"> <xs:annotation></pre>

	<pre> <xs:documentation>Length of ITU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **LengthOfSetOfCarriages**

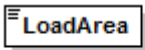
diagram	<div><div><div><div><div></div><div>LengthOfSetOfCarriages</div></div></div><div>The calculated maximum Length of a all wagons/coaches (sum of all length over buffer of the wagons - ger. "Wagenzuglänge"). This is made optional together with TrainLengt, but it should be implemented by applications as mandatory.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric4-4									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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	<div>documentation</div> <div>The calculated maximum Length of a all wagons/coaches (sum of all length over buffer of the wagons - ger. "Wagenzuglänge"). This is made optional together with TrainLengt, but it should be implemented by applications as mandatory.</div>									
source	<pre><xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated maximum Length of a all wagons/coaches (sum of all length over buffer of the wagons - ger. "Wagenzuglänge"). This is made optional together with TrainLengt, but it should be implemented by applications as mandatory.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **LengthOverBuffers**


diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content	simple	
used by	elements	RollingStockDataset/DesignDataSet WagonTechData	
facets	Kind	Value	Annotation
	minInclusive	1	

	maxInclusive 999999
annotation	documentation Length over buffers is expressed in cm.
source	<pre> <xs:element name="LengthOverBuffers"> <xs:annotation> <xs:documentation>Length over buffers is expressed in cm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element LoadArea

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Payload Area - measured in M2									
source	<pre><xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element LoadingCapacity

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:decimal
properties	content simple

used by	element RollingStockDataset/DesignDataSet		
facets	Kind	Value	Annotation
	totalDigits	5	
	fractionDigits	1	
annotation	documentation Usable Cube - measured in M3		
source	<pre><xs:element name="LoadingCapacity"> <xs:annotation> <xs:documentation>Usable Cube - measured in M3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal" <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

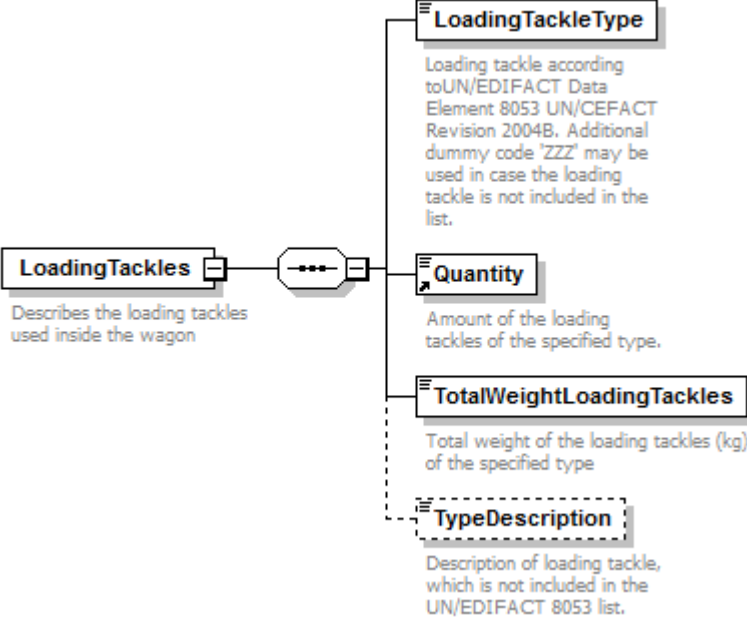
element LoadingFacility

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	CustomerNumber AdministrativeContactInformation
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Identifies the loading facility (in case of message type = ORU)
source	<pre> <xs:element name="LoadingFacility"> <xs:annotation> <xs:documentation>Identifies the loading facility (in case of message type = ORU)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"/> <xs:element ref="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LoadingStatus**

diagram	<div><div><div>☰</div><div>LoadingStatus</div></div><div>Loading status of the equipment. 0=Empty, 1=Loaded</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation									
facets	<table><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 Loading status of the equipment. 0=Empty, 1=Loaded									
source	<pre><xs:element name="LoadingStatus"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LoadingTackles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

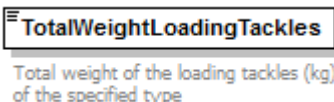
children	LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription
used by	element Wagons
annotation	documentation Describes the loading tackles used inside the wagon
source	<pre> <xs:element name="LoadingTackles"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside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

element LoadingTackles/LoadingTackleType

diagram	 <p> Loading tackle according 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. </p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	content simple
annotation	documentation Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.
source	<pre> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according to UN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> </pre>

element LoadingTackles/TotalWeightLoadingTackles

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	WeightValueKilo		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation	Total weight of the loading tackles (kg) of the specified type	
source	<pre><xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element></pre>		

element LoadingTackles/TypeDescription

diagram	<div><div><div>TypeDescription</div><div>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</div></div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div>

	minLength 1 maxLength 35
annotation	documentation Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.
source	<pre> <xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="35"/> <xs:restriction value="1"/> </xs:simpleType> </xs:element> </pre>

element Location

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements AcceptanceInterchangePoint ArrivalInterchangeReport ConsignmentOrderMessage/COMS/COM/CustomsProcedures DeliveryInterchangePoint DepartureInterchangeReport ExceptionPoint InterruptionPoint LocationModified ProductionStation RefusalAtInterchange SpecialTreatments TrainForecastAtReportingLocationMessage TrainLocationReport WagonAtDeparture WagonEventInformation WagonPickupAtOrigin YardArrival YardDeparture
annotation	documentation Identifies a Location using a LocationIdent
source	<pre> <xs:element name="Location" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies a Location using a LocationIdent</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationActualTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationActualTrack" type="LocationIdent"/></code>

element **LocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements TrainAtLocation TrainLocationReport
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<pre> <xs:element name="LocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation> </xs:annotation> </xs:element> </pre>

element **LocationFileDatasetMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus CountryCodeISO LocationPrimaryCode LocationPrimaryInformation LocationSubsidiaryInformation
annotation	documentation Used to Create, Modify or Update the LocationIdent Reference File
source	<pre> <xs:element name="LocationFileDatasetMessage"> <xs:annotation> <xs:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:choice> <xs:element ref="LocationPrimaryInformation"/> <xs:element ref="LocationSubsidiaryInformation"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationModified**

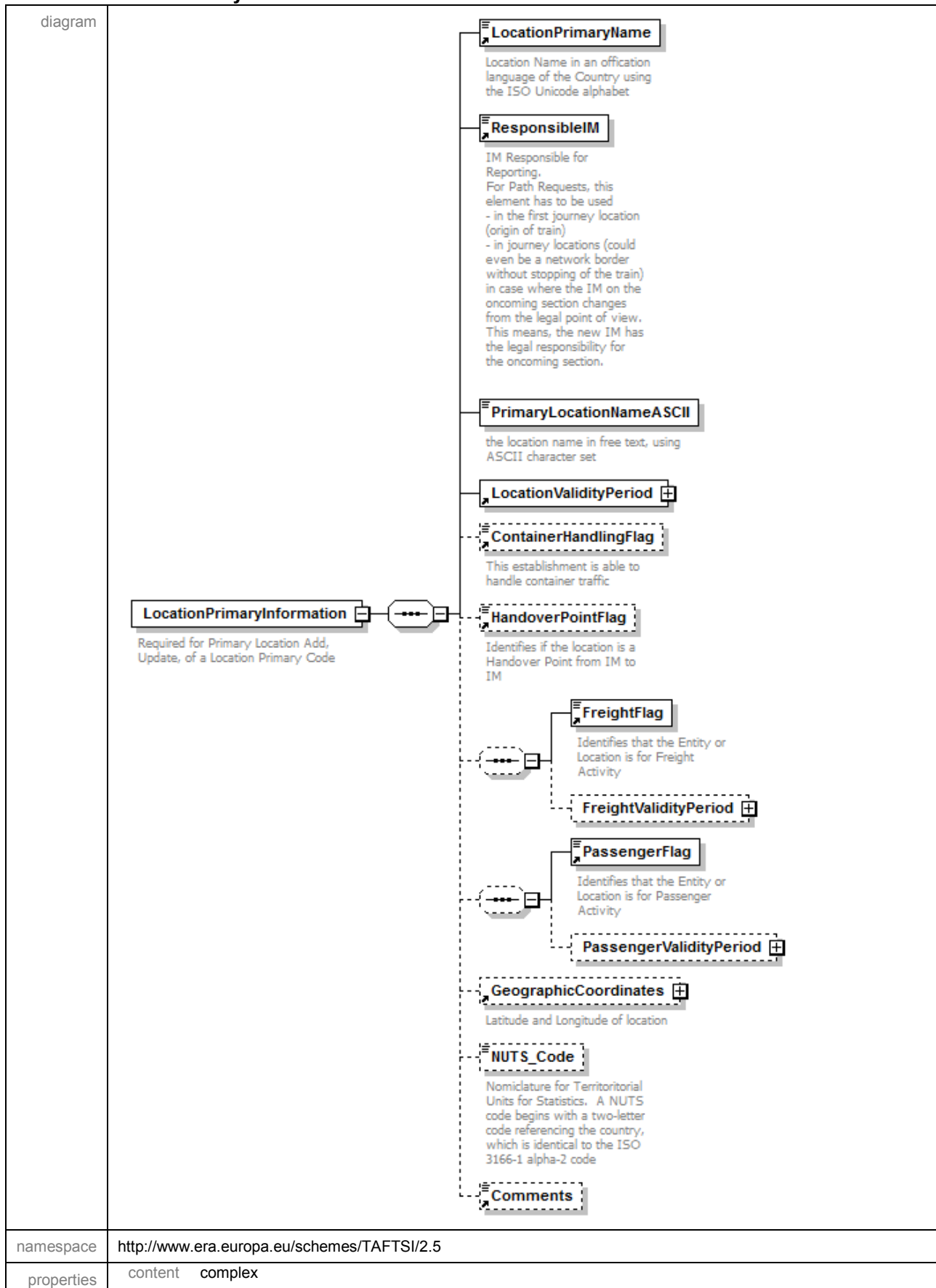
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime
used by	element TrainJourneyModification
annotation	documentation This element shows the Location that has been changed for the train run
source	<pre> <xs:element name="LocationModified"> <xs:annotation> <xs:documentation>This element shows the Location that has been changed for the train run</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ModificationStatusIndicator"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **LocationPlannedTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationPlannedTrack" type="LocationIdent"/></code>

element **LocationPrimaryCode**

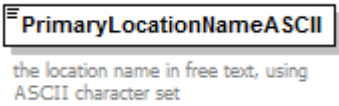
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	Numeric1-5
properties	content simple
used by	<div>element LocationFileDatasetMessage</div> <div>complexType LocationIdent</div>
facets	<div>Kind Value Annotation</div> <div>minInclusive 1</div> <div>maxInclusive 99999</div>
source	<code><xs:element name="LocationPrimaryCode" type="Numeric1-5"/></code>

element **LocationPrimaryInformation**

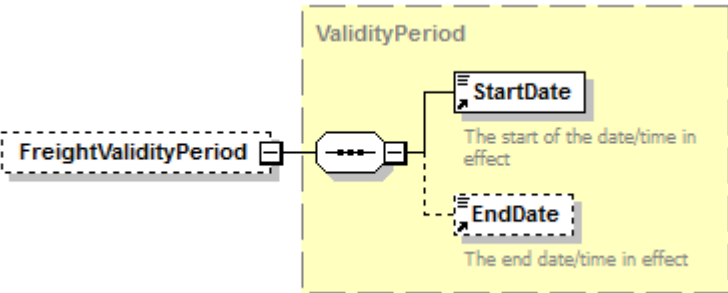
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII LocationValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS_Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation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

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

element LocationPrimaryInformation/PrimaryLocationNameASCII

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 the location name in free text, using ASCII character set									
source	<pre><xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element LocationPrimaryInformation/FreightValidityPeriod

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	ValidityPeriod
properties	minOcc 0 maxOcc 1 content complex
children	StartDate EndDate
source	<pre> <xs:element name="FreightValidityPeriod" type="ValidityPeriod" minOccurs="0"/> </pre>

element **LocationPrimaryInformation/PassengerValidityPeriod**

diagram	<p>The diagram illustrates the structure of the PassengerValidityPeriod element. It is represented as a dashed box on the left, connected by a line to a circle containing three dots. This circle is then connected to a larger box labeled ValidityPeriod. Inside the ValidityPeriod box, there are two sub-elements: StartDate and EndDate. Below StartDate is the text "The start of the date/time in effect", and below EndDate is the text "The end date/time in effect".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	ValidityPeriod
properties	minOcc 0 maxOcc 1 content complex
children	StartDate EndDate
source	<pre><xs:element name="PassengerValidityPeriod" type="ValidityPeriod" minOccurs="0"/></pre>

element **LocationPrimaryInformation/NUTS_Code**

diagram	<div><div><div>NUTS_Code</div></div><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></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><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>50</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	50	
Kind	Value	Annotation								
minLength	1									
maxLength	50									
annotation	<p>documentation</p> <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>									
source	<pre><xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocationPrimaryName**

diagram	<div><div><div>≡</div><div>LocationPrimaryName</div></div><div>Location Name in an offication language of the Country using the ISO Unicode alphabet</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<pre><xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>

element **LocationSubsidiaryCode**

diagram	<div> <div> LocationSubsidiaryCode 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" </div> <div> attributes LocationSubsidiaryTypeCode <p>New codes added:</p> 42 DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37). 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 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 </div> </div>					
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5					
type	extension of String1-10					
properties	content	complex				
used by	elements	LocationSubsidiaryIdentification LocationSubsidiaryInformation				
facets	Kind	Value	Annotation			
	minLength	1				
	maxLength	10				
attributes	Name	Type	Use	Default	Fixed	Annotation
	LocationSubsidiaryTypeCode	derived by: xs:token	required			documentation
						New codes added: 42 DIUM stations - Places of acceptance/delivery Station open into

		<p>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>Sewage dump Place for cleaning purposes - disposal of the waste 46</p> <p>Refuelling Point Location where refuelling takes place 47</p> <p>Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48</p> <p>Water Supply Location where water supply can be provided for the rolling stock 49</p> <p>Compressed plant Train on a track with motion stabilised with external air supply for braking systems 50</p> <p>Indoor cleaning platform Cleaning point -interior 51</p> <p>Car-wash plant Cleaning point -outdoor 52</p> <p>Short dry-cleaning track Cleaning point 53</p> <p>Pollution protective plate Track where floor that avoids pollution of the earth below</p>
--	--	--

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

element LocationSubsidiaryIdentification

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName
used by	complexType LocationIdent
annotation	documentation Code, Name and allocation company of Subsidiary Location

source	<pre> <xs:element name="LocationSubsidiaryIdentification"> <xs:annotation> <xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element LocationSubsidiaryInformation

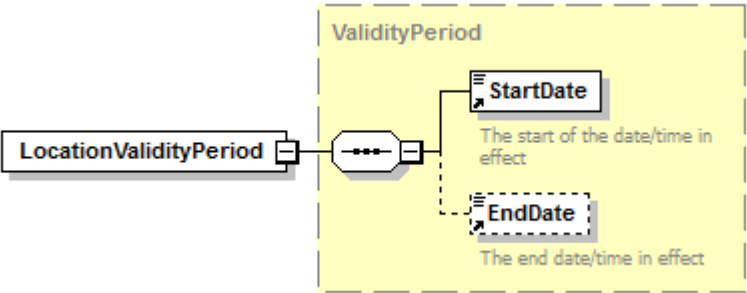
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany LocationValidityPeriod Comments GeographicCoordinates
used by	element LocationFileDatasetMessage
annotation	documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)
source	<pre> <xs:element name="LocationSubsidiaryInformation"> <xs:annotation> <xs:documentation>Required for Add, Update of a Location Subsidiary Code (modified to global element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> </pre>

	<pre> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element LocationSubsidiaryName

diagram	<div><div><div>LocationSubsidiaryName</div></div><div>To be completed in an official language of the Country using the ISO Unicode alphabet</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	<div>documentation</div> <div>To be completed in an official language of the Country using the ISO Unicode alphabet</div>									
source	<pre><xs:element name="LocationSubsidiaryName" type="FreeText"> <xs:annotation> <xs:documentation>To be completed in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>									

element LocationValidityPeriod

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	ValidityPeriod
properties	content complex
children	StartDate EndDate
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation
source	<pre> <xs:element name="LocationValidityPeriod" type="ValidityPeriod"/> </pre>

element **LocoNumber**

diagram	<div><div><div>LocoNumber</div></div><div>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	element TrainCompositionJourneySection/Locoldent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	12	
Kind	Value	Annotation								
minLength	4									
maxLength	12									
annotation	<div>documentation</div> Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.									
source	<pre><xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="12"/> value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **LocoTypeNumber**

diagram	<p>LocoTypeNumber Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> <p>TypeCode1 Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p> <p>TypeCode2 Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p> <p>CountryCode Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p> <p>SeriesNumber 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p> <p>SerialNumber Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p> <p>ControlDigit 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/2.5
properties	content complex
children	TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit
used by	elements TrainCompositionJourneySection/Locoldent TractionDetails
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> <xs:element name="LocoTypeNumber"> <xs:annotation> <xs:documentation>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

```

        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[9]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="TypeCode2">
    <xs:annotation>
        <xs:documentation>Type of tractive rolling stock as in Part 8 of
the Appendix 6 of the decision 2007/756</xs:documentation>
    </xs:annotation>
    <!--In PCS the following types are differentiated: Elettric, Diesel,
Steam, Hybrid:-->
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[0-9]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CountryCode">
    <xs:annotation>
        <xs:documentation>Numerical country code as in Part 4 of the
Appendix 6 of the decision 2007/756</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="2"/>
            <xs:pattern value="[0-9]{2}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="SeriesNumber">
    <xs:annotation>
        <xs:documentation>4 digits representing the type according to the
country rules and based on the national vehicle register of the country
indicated with the CountryCode</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="4"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="4"/>
            <xs:pattern value="[0-9]{4}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="SerialNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Three digits representing the serial number of
the traction of the series. Optionally used in Planning to identify the
subseries. Composite identifier should be unique with the series number within

```

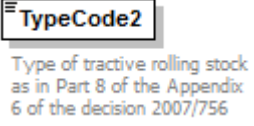
	<pre> a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/>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

element LocoTypeNumber/TypeCode1


diagram	<div><div>TypeCode1</div><p>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>1</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[9]</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	1		whiteSpace	replace		pattern	[9]	
Kind	Value	Annotation														
minLength	1															
maxLength	1															
whiteSpace	replace															
pattern	[9]															
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756															
source	<pre><xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation></pre>															

	<pre> <xs:simpleType> <xs:restriction <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="1"/> value="replace"/> value="1"/> value="[9]"/> </pre>
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element **LocoTypeNumber/TypeCode2**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	content simple		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	1	
	whiteSpace	replace	
	pattern	[0-9]	
annotation	documentation Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756		
source	<pre> <xs:element <xs:annotation> <xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--> <xs:simpleType> <xs:restriction <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **LocoTypeNumber/CountryCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		

properties	content simple															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr><tr><td>whiteSpace</td><td>replace</td><td></td></tr><tr><td>pattern</td><td>[0-9]{2}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2		whiteSpace	replace		pattern	[0-9]{2}	
Kind	Value	Annotation														
minLength	2															
maxLength	2															
whiteSpace	replace															
pattern	[0-9]{2}															
annotation	documentation Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756															
source	<pre><xs:element name="CountryCode"> <xs:annotation> <xs:documentation>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element LocoTypeNumber/SeriesNumber

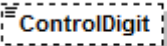
diagram	<div><div><div>SeriesNumber</div></div><p>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:string															
properties	content simple															
facets	<table><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	<div>documentation</div> <div>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</div>															
source	<pre><xs:element name="SeriesNumber"> <xs:annotation> <xs:documentation>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

	<pre> <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="[0-9]{4}"/> </pre>
--	--	------------------------------------

element LocoTypeNumber/SerialNumber

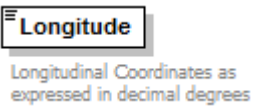
diagram	<div><div><div>SerialNumber</div></div><p>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:string															
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>															
facets	<table><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	<div>documentation</div> <p>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p>															
source	<pre><xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element LocoTypeNumber/ControlDigit

diagram	 <p>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
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><xs:element name="ControlDigit" minOccurs="0"> <xs:annotation> <xs:documentation>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element Longitude

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:float
properties	content simple
used by	element GeographicCoordinates
annotation	documentation Longitudinal Coordinates as expressed in decimal degrees
source	<pre> <xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees</xs:documentation> </xs:annotation> </xs:element> </pre>

element **MaxAxleWeight**


diagram	<div><div><div>☰</div><div>MaxAxleWeight</div></div><div>Indicates the maximum design axle weight (to).</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet PlannedTrainTechnicalData TrainRunningTechData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0.1</td><td></td></tr><tr><td>maxInclusive</td><td>99.9</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0.1		maxInclusive	99.9	
Kind	Value	Annotation								
minInclusive	0.1									
maxInclusive	99.9									
annotation	documentation Indicates the maximum design axle weight (to).									
source	<pre><xs:element name="MaxAxleWeight"> <xs:annotation> <xs:documentation>Indicates the maximum design axle weight (to).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0.1"/> <xs:maxInclusive value="99.9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **MaxDesignSpeed**

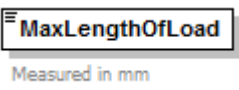
diagram	<div><div><div>MaxDesignSpeed</div></div><div>Maximum approved speed of the wagon (km/h)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Maximum approved speed of the wagon (km/h)									
source	<pre><xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon (km/h)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element MaxGrossWeight


diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	WeightValueKilo		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation Weight of max Gross Load Weight plus the tare weight of the equipment		
source	<pre><xs:element name="MaxGrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of max Gross Load Weight plus the tare weight of the equipment</xs:documentation> </xs:annotation> </xs:element></pre>		

element MaxLengthOfLoad

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
annotation	documentation Measured in mm		
source	<pre><xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType></pre>		

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

element **MaxTemp**

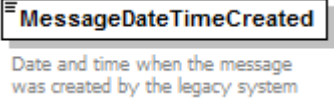
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet/TemperatureRange									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Maximum Temperature in °Celsius									
source	<pre><xs:element name="MaxTemp"> <xs:annotation> <xs:documentation>Maximum Temperature in °Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Measure**

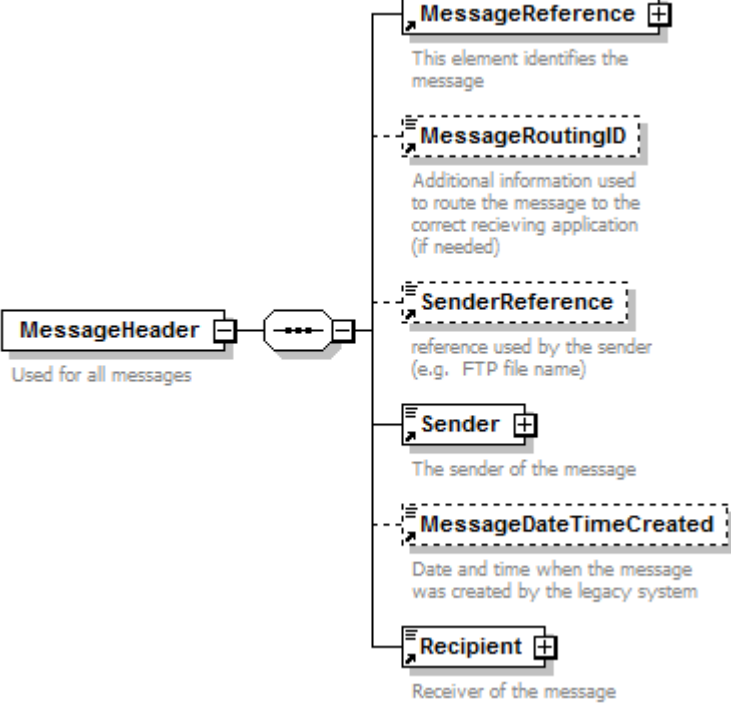
diagram	<div><div><div>Measure</div></div><div>Measure used, either ft or mm</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:token									
properties	content simple									
used by	elements Height Length Width									
facets	<table><thead><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><xs:element name="Measure"> <xs:annotation> <xs:documentation>Measure used, either ft or mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ft"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> </pre>	value="mm"/>
--	--	--------------

element **MessageDateTimeCreated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element MessageHeader
annotation	documentation Date and time when the message was created by the legacy system
source	<pre> <xs:element name="MessageDateTimeCreated" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and time when the message was created by the legacy system</xs:documentation> </xs:annotation> </xs:element> </pre>

element **MessageHeader**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageReference MessageRoutingID SenderReference Sender MessageDateTimeCreated Recipient

used by	elements AlertMessage ChangeofTrackMessage ConsignmentOrderMessage ErrorMessage LocationFileDatasetMessage PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage RollingStockDatasetMessage RollingStockDatasetQueryMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonDeviationMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage WagonReleaseNoticeMessage WagonYardArrivalMessage WagonYardDepartureMessage
annotation	documentation Used for all messages
source	<pre> <xs:element name="MessageHeader"> <xs:annotation> <xs:documentation>Used for all messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element ref="MessageRoutingID" minOccurs="0"/> <xs:element ref="SenderReference" minOccurs="0"/> <xs:element ref="Sender"/> <xs:element ref="MessageDateTimeCreated" minOccurs="0"/> <xs:element ref="Recipient"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element MessageIdentifier

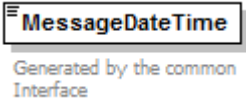
diagram	<div><div><div>≡</div><div>MessageIdentifier</div></div><div>Identification of the Message</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	element MessageReference									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Identification of the Message									
source	<pre><xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element></pre>									

element **MessageReference**

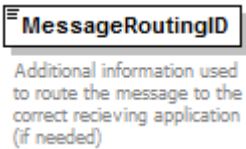
<p>diagram</p>	<div>  <p>MessageReference</p> <p>This element identifies the message</p> </div> <div> <p>Message Type</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage</p> <p>2002 PathConfirmedMessage</p> <p>2003 PathDetailsMessage</p> <p>2004 PathDetailsRefusedMessage</p> <p>2005 PathNotAvailableMessage</p> <p>2006 PathRequestMessage</p> <p>2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) --</p> <p>2500 PathCoordinationMessage</p> <p>2501 PathSectionNotificationMessage</p> <p>3003 TrainCompositionMessage</p> <p>3006 TrainReadyMessage</p> <p>4001 TrainDelayCauseMessage</p> <p>4004 TrainRunningForecastMessage</p> <p>4005 TrainRunningInformationMessage</p> <p>4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) --</p> <p>4500 PassengerTrainCompositionProcessMessage</p> <p>4501 RollingStockRestrictionMessage</p> <p>4504 ChangeOfTrackMessage</p> <p>4505 TrainJourneyModificationMessage</p> <p>-- sector message end --</p> <p>5001 AlertMessage</p> <p>5002 WagonArrivalNoticeMessage</p> <p>5003 WagonDeliveryNoticeMessage</p> <p>5004 WagonDepartureNoticeMessage</p> <p>5006 WagonETI_ET_A_Message</p> <p>5007 WagonExceptionMessage</p> <p>5008 WagonExceptionReasonMessage</p> <p>5009 WagonInterchangeNoticeMessage</p> <p>5012 WagonReceivedAtInterchangeMessage</p> <p>5013 WagonRefusedAtInterchangeMessage</p> <p>5014 WagonReleaseNoticeMessage</p> <p>5015 WagonYardArrivalMessage</p> <p>5016 WagonYardDepartureMessage</p> <p>6002 LocationFileDatasetMessage</p> <p>6003 RollingStockDatasetMessage</p> <p>--sector (RU-RU) --</p> <p>5500 WagonPerformanceMessage</p> <p>-- sector end--</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- sector (TrainID) begin --</p> <p>8500 UpdateLinkMessage</p> <p>8501 ObjectInfoMessage</p> <p>-- sector end --</p> <p>9000 ErrorMessage</p> <p>Message Type Version</p> <p>Version of the Message Type</p> <p>Message Identifier</p> <p>Identification of the Message</p> <p>Message DateTime</p> <p>Generated by the common Interface</p> </div>
----------------	--

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

element [MessageReference/MessageDateTime](#)

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </pre>

element [MessageRoutingID](#)

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	Numeric2-2
properties	content simple
used by	element MessageHeader

facets	<table><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	<div>documentation</div> <div>Additional information used to route the message to the correct recieving application (if needed)</div>									
source	<xs:element name="MessageRoutingID" type="Numeric2-2"> <xs:annotation> <xs:documentation>Additional information used to route the message to the correct recieving application (if needed)</xs:documentation> </xs:annotation> </xs:element>									

element **MessageType**


diagram	<p>MessageType</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage</p> <p>2002 PathConfirmedMessage</p> <p>2003 PathDetailsMessage</p> <p>2004 PathDetailsRefusedMessage</p> <p>2005 PathNotAvailableMessage</p> <p>2006 PathRequestMessage</p> <p>2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) --</p> <p>2500 PathCoordinationMessage</p> <p>2501 PathSectionNotificationMessage</p> <p>-- sector message end --</p> <p>3003 TrainCompositionMessage</p> <p>3006 TrainReadyMessage</p> <p>4001 TrainDelayCauseMessage</p> <p>4004 TrainRunningForecastMessage</p> <p>4005 TrainRunningInformationMessage</p> <p>4006 TrainRunningInterruptionMessage</p> <p>-- sector message (Operations) --</p> <p>4500 PassengerTrainCompositionProcessMessage</p> <p>4501 RollingStockRestrictionMessage</p> <p>4504 ChangeOfTrackMessage</p> <p>4505 TrainJourneyModificationMessage</p> <p>-- sector message end --</p> <p>5001 AlertMessage</p> <p>5002 WagonArrivalNoticeMessage</p> <p>5003 WagonDeliveryNoticeMessage</p> <p>5004 WagonDepartureNoticeMessage</p> <p>5006 WagonETI_ET_A_Message</p> <p>5007 WagonExceptionMessage</p> <p>5008 WagonExceptionReasonMessage</p> <p>5009 WagonInterchangeNoticeMessage</p> <p>5012 WagonReceivedAtInterchangeMessage</p> <p>5013 WagonRefusedAtInterchangeMessage</p> <p>5014 WagonReleaseNoticeMessage</p> <p>5015 WagonYardArrivalMessage</p> <p>5016 WagonYardDepartureMessage</p> <p>6002 LocationFileDatasetMessage</p> <p>6003 RollingStockDatasetMessage</p> <p>--sector (RU-RU) --</p> <p>5500 WagonPerformanceMessage</p> <p>-- sector end--</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- sector (TrainID) begin --</p> <p>8500 UpdateLinkMessage</p> <p>8501 ObjectInfoMessage</p> <p>-- sector end --</p> <p>9000 ErrorMessage</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string

properties	content simple		
used by	element MessageReference		
facets	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
	5009		WagonInterchangeNoticeMessage
	5012		WagonReceivedAtInterchangeMessage
	5013		WagonRefusedAtInterchangeMessage
	5014		WagonReleaseNoticeMessage
	5015		WagonYardArrivalMessage
	5016		WagonYardDepartureMessage
	6002		LocationFileDatasetMessage
	6003		RollingStockDatasetMessage
	--sector		(RU-RU) ---
	5500		WagonPerformanceMessage
	--	sector	end---
	6004		RollingStockDatasetQueryMessage
	--	sector	(TrainID) begin --
	8500		UpateLinkMessage
	8501		ObjectInfoMessage
	--	sector	end --
	9000		ErrorMessage


source	<code><xs:element name="MessageType"></code> <code><xs:annotation></code> <code><xs:documentation>To indicate the message type transmitted or referred</code> 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 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage --sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end --- 6004 RollingStockDatasetQueryMessage		
--------	--	--	--

--	sector	(TrainID)	begin	--
8500			UdateLinkMessage	
8501			ObjectInfoMessage	
--	sector		end	--
9000			ErrorMessage	
<pre> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>				

element **MessageTypeVersion**

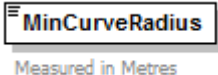
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	content simple						
used by	element MessageReference						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>25</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	25	
Kind	Value	Annotation					
maxLength	25						
annotation	documentation Version of the Message Type						
source	<pre><xs:element name="MessageTypeVersion"> <xs:annotation> <xs:documentation>Version of the Message Type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="25"/> </xs:simpleType> </xs:element></pre>						

element **MinBrakedWeightPercent**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:integer
properties	content simple

used by	element PlannedTrainTechnicalData		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999	
annotation	documentation Minimum percentage of braking claimed by IM for safety reasons.		
source	<pre><xs:element name="MinBrakedWeightPercent"> <xs:annotation> <xs:documentation>Minimum percentage of braking claimed by IM for safety reasons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element MinCurveRadius

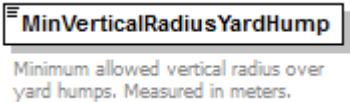
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Measured in Metres									
source	<pre><xs:element name="MinCurveRadius"> <xs:annotation> <xs:documentation>Measured in Metres</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer" <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element MinTemp

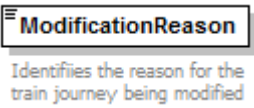
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	restriction of xs:int		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet/TemperatureRange	
facets	Kind	Value	Annotation
	minInclusive	-99	
	maxInclusive	0	
annotation	documentation Minimum temperature in ° Celsius		
source	<pre><xs:element name="MinTemp"> <xs:annotation> <xs:documentation>Minimum temperature in ° Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int" value="-99"/> <xs:restriction value="0"/> </xs:simpleType> </xs:element></pre>		

element **MinVerticalRadiusYardHump**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.									
source	<pre><xs:element name="MinVerticalRadiusYardHump"> <xs:annotation> <xs:documentation>Minimum allowed vertical radius over yard humps. Measured in meters.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer" <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ModificationReason**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	DelayCode		
properties	content	simple	
used by	element	TrainJourneyModificationMessage	
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> <xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element> </pre>

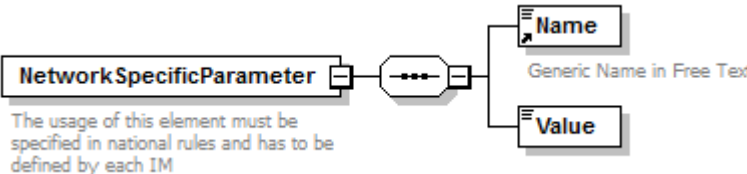
element **ModificationStatusIndicator**

diagram	<div><div><div>ModificationStatusIndicator</div></div><p>This elemnt shows if the location has been added or deleted in the modified train journey</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element LocationModified									
facets	<table><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 elemnt shows if the location has been added or deleted in the modified train journey									
source	<pre><xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Name**

diagram	<div><div><div><div><div></div><div>Name</div></div></div></div><div>Generic Name in Free Text</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	elements AdministrativeContactInformation Customer RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter									
facets	<table><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 Generic Name in Free Text									
source	<pre><xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **NetworkSpecificParameter**

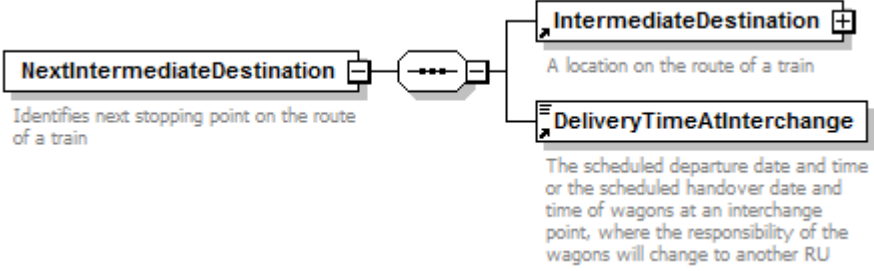
diagram	 <p>The usage of this element must be specified in national rules and has to be defined by each IM</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Name Value
used by	elements AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation
annotation	documentation The usage of this element must be specified in national rules and has to be defined by each IM
source	<pre><xs:element name="NetworkSpecificParameter"> <xs:annotation> <xs:documentation>The usage of this element must be specified in national rules and has to be defined by each IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **NetworkSpecificParameter/Value**

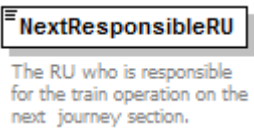
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	FreeText		
properties	content	simple	
used by	elements	Height Length Width	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
source	<xs:element name="Value" type="FreeText"/>		

element **NextIntermediateDestination**

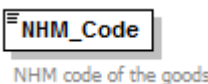
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Identifies next stopping point on the route of a train
source	<pre><xs:element name="NextIntermediateDestination"> <xs:annotation> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **NextResponsibleRU**


diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	CompanyCode		
properties	content	simple	

used by	elements WIMO Dataset/ConsignmentLevelData ConsignmentOrderMessage/COMS/COM/DeliveryPoint		
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation The RU who is responsible for the train operation on the next journey section.		
source	<pre><xs:element name="NextResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU who is responsible for the train operation on the next journey section.</xs:documentation> </xs:annotation> </xs:element></pre>		

element NHM_Code

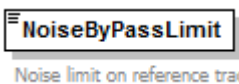
diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	NHMCodeType		
properties	content	simple	
used by	elements	Goods GoodsInWagon/GoodsInContainer GoodsInWagon	
facets	Kind	Value	Annotation
	length	6	
	pattern	\d*[1-9]\d*	
annotation	documentation	NHM code of the goods	
source	<pre><xs:element name="NHM_Code" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element></pre>		

element Noise

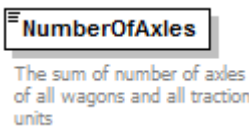
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise level at stand still in decibels									
source	<pre><xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise level at stand still in</pre>									

	<pre> decibels</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **NoiseByPassLimit**

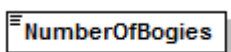
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999									
annotation	documentation Noise limit on reference track									
source	<pre><xs:element name="NoiseByPassLimit"> <xs:annotation> <xs:documentation>Noise limit on reference track</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **NumberOfAxles**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content simple		
used by	element	TrainRunningTechData	
facets	Kind	Value	Annotation
	minInclusive	0000	
	maxInclusive	9999	
annotation	documentation The sum of number of axles of all wagons and all traction units		
source	<pre><xs:element name="NumberOfAxles"></pre>		

	<pre> <xs:annotation> <xs:documentation>The sum of number of axles of all wagons and all traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **NumberOfBogies**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:int		
properties	content	simple	
used by	element	RollingStockDataset/DesignDataSet	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9	
source	<pre><xs:element name="NumberOfBogies"> <xs:simpleType> <xs:restriction base="xs:int" value="1"/> <xs:restriction value="9"/> </xs:simpleType> </xs:element></pre>		

element **NumberOfVehicles**


diagram	<div><div><div>NumberOfVehicles</div><div>The sum of number of wagons and number of traction units</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningTechData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0000</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0000		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0000									
maxInclusive	9999									
annotation	documentation The sum of number of wagons and number of traction units									
source	<pre><xs:element name="NumberOfVehicles"> <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction</pre>									

	<pre> units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--


element **ObjectType**

diagram	<div><div><div>Object Type</div></div><div>Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</div></div>																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																								
type	restriction of xs:string																								
properties	content simple																								
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType																								
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr><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>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></table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}		enumeration	TR		enumeration	PA		enumeration	CR		enumeration	PR	
Kind	Value	Annotation																							
minLength	2																								
maxLength	2																								
pattern	[0-9A-Z]{2}																								
enumeration	TR																								
enumeration	PA																								
enumeration	CR																								
enumeration	PR																								
annotation	<div>documentation</div> <div>Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</div>																								
source	<pre><xs:element name="ObjectType"> <xs:annotation> <xs:documentation>Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> <xs:enumeration value="TR"/> <xs:enumeration value="PA"/> <xs:enumeration value="CR"/> <xs:enumeration value="PR"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																								

element Offset

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing
source	<code><xs:element name="Offset" type="xs:integer"/></code>

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/2.5
type	xs:boolean
properties	content simple
used by	element PlannedJourneyLocation
annotation	documentation For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)
source	<pre> <xs:element name="OnDemandPath" type="xs:boolean"> <xs:annotation> <xs:documentation>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</xs:documentation> </xs:annotation> </xs:element> </pre>

element OperationalTrainNumber

diagram	<div><div><div>☰</div><div>OperationalTrainNumber</div></div><div>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	String1-8									
properties	content simple									
used by	elements AffectedSection OperationalTrainNumberIdentifier PlannedJourneyLocation WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>8</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.									
source	<pre><xs:element name="OperationalTrainNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the train for traffic management purposes by</pre>									

	the Dispatcher, GSMR services, etc.	<code></xs:documentation></code>
		<code></xs:element></code>

element **OperationalTrainNumberIdentifier**

diagram	<p>OperationalTrainNumber Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p> <p>ScheduledTimeAtHandover The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.</p> <p>ScheduledDateTimeAtTransfer The scheduled arrival at destination date and time or the scheduled outgoing transfer date and time at the border between two different IMs.</p>	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
properties	content	complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer	
used by	elements	ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>	

element **OriginCountry**


diagram	<div><div><div>OriginCountry</div></div><div>Code of origin country of the UTI.</div></div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of CountryIdentISO		
properties	content	simple	
used by	elements	ITU Details Wagons/WagonDetails	
facets	Kind	Value	Annotation
	minLength	2	
	maxLength	2	
	pattern	[A-Z][A-Z]	

annotation	documentation Code of origin country of the UTI. documentation CODE: ISO-3166-2
source	<pre> <xs:element name="OriginCountry"> <xs:annotation> <xs:documentation>Code of origin country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CountryIdentISO"> <xs:pattern value="[A-Z][A-Z]"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

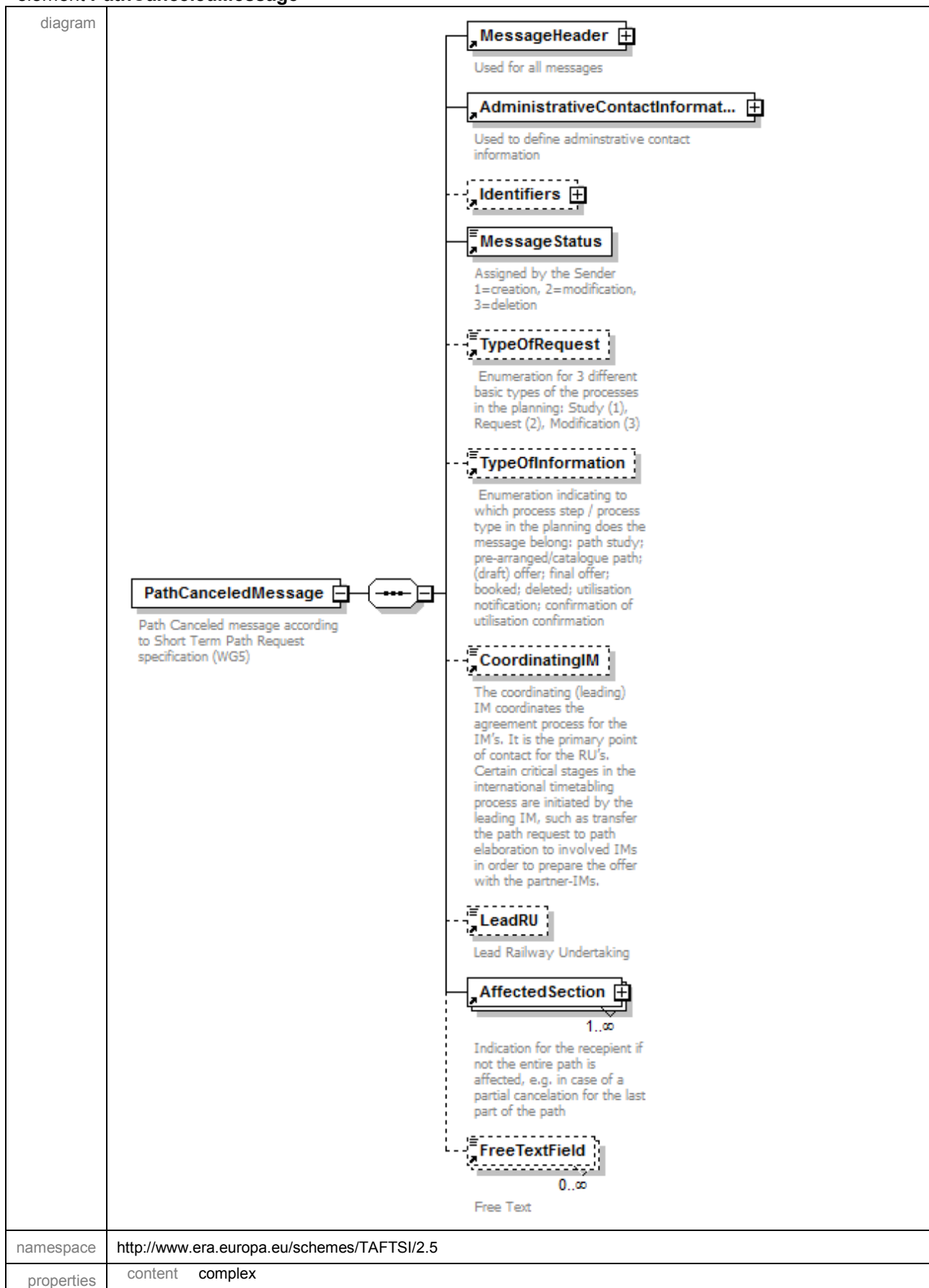
element **OverhaulValidityPeriod**

diagram	<div><div>OverhaulValidityPeriod</div><p>Validity period of last overhaul in years as marked on the wagon</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxExclusive</td><td>20</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxExclusive	20	
Kind	Value	Annotation								
minInclusive	1									
maxExclusive	20									
annotation	documentation Validity period of last overhaul in years as marked on the wagon									
source	<pre><xs:element name="OverhaulValidityPeriod"> <xs:annotation> <xs:documentation>Validity period of last overhaul in years as marked on the wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxExclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PassengerFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean

properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre><xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element></pre>

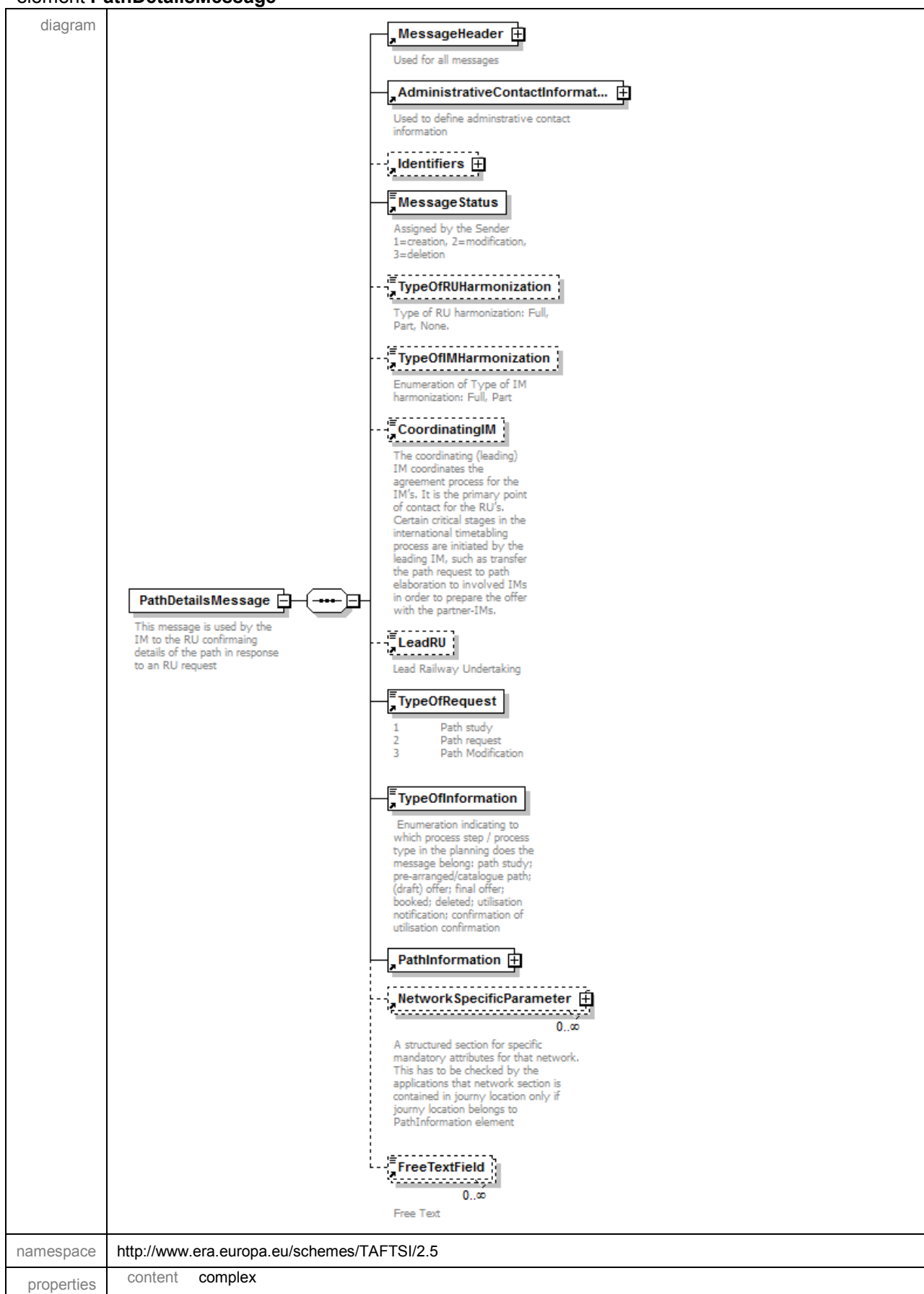
element **PathCanceledMessage**

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathCanceledMessage"> <xs:annotation> <xs:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

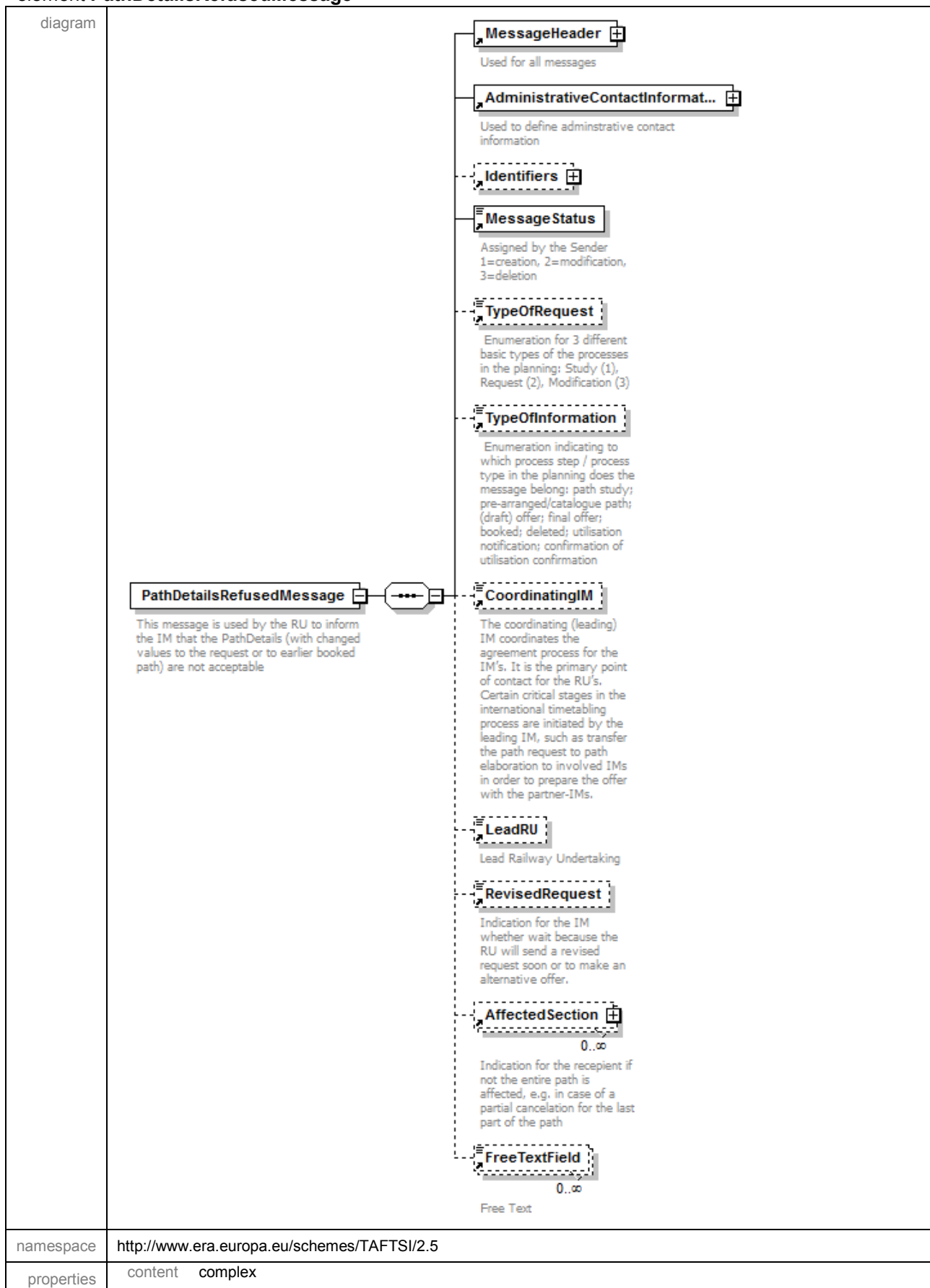
element **PathConfirmedMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	documentation This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RU's

Original Request	
source	<pre><xs:element name="PathConfirmedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PathDetailsMessage**

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request
source	<pre> <xs:element name="PathDetailsMessage"> <xs:annotation> <xs:documentation>This message is used by the IM to the RU confirmaing details of the path in response to an RU request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="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 request 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TypeOfInformation"/> <xs:element ref="PathInformation"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

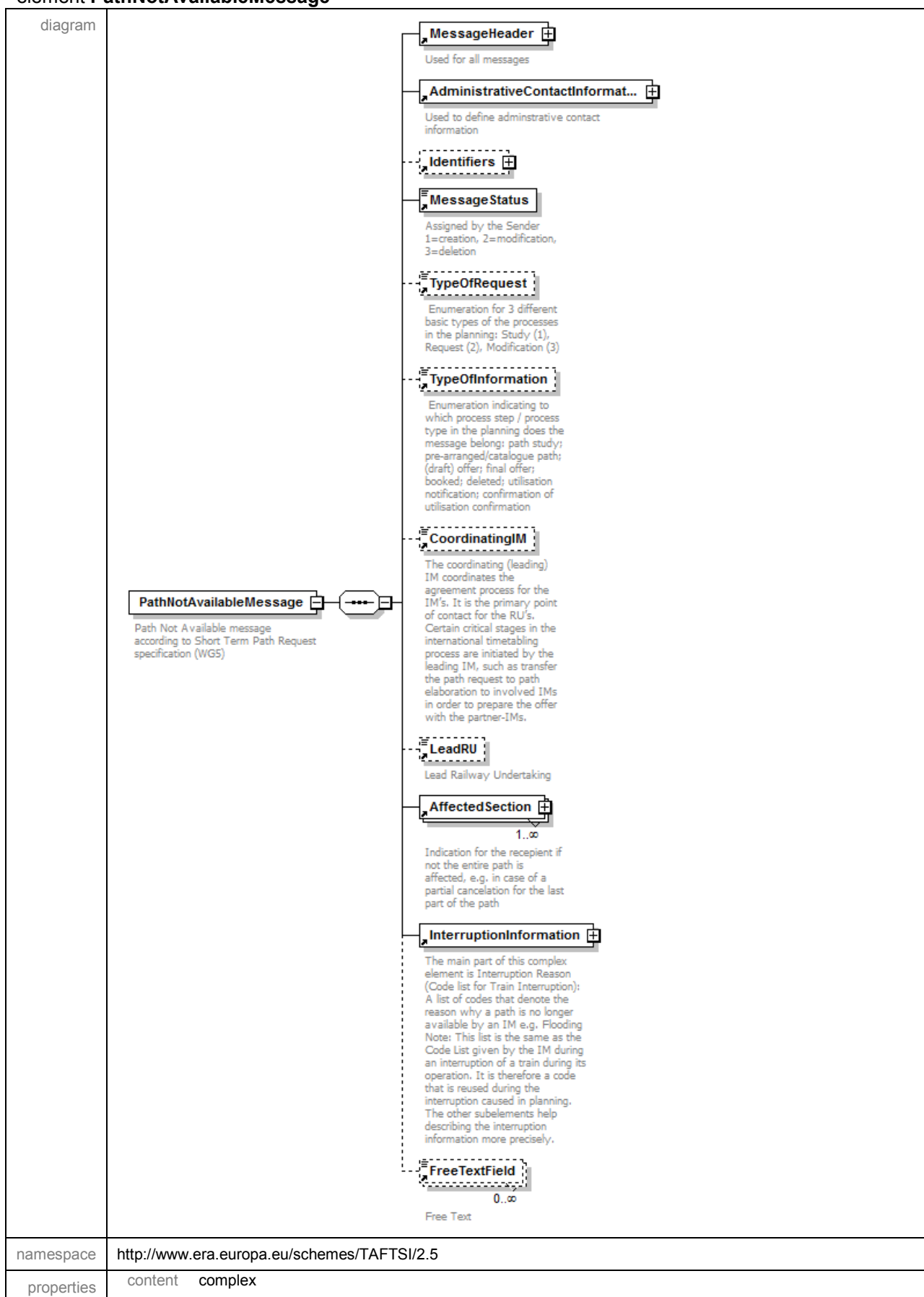
element **PathDetailsRefusedMessage**

children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRequest TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField
annotation	documentation This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable
source	<pre> <xs:element name="PathDetailsRefusedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="RevisedRequest" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

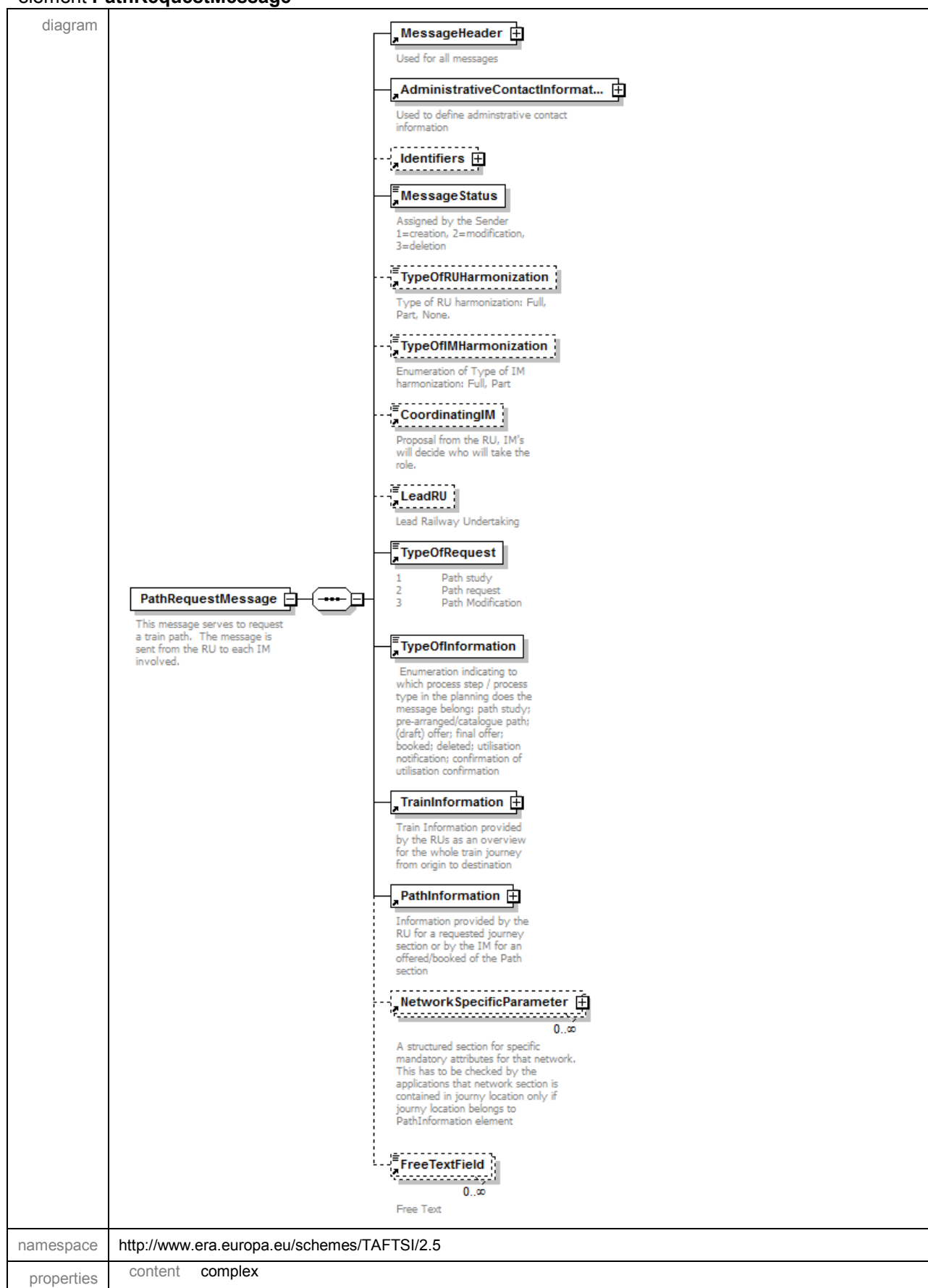
element PathInformation

diagram	<pre> classDiagram class PathInformation { PlannedJourneyLocation 2..∞ PlannedCalendar } class PlannedJourneyLocation { Any operation point along the train journey } class PlannedCalendar { This is the calendar item for path request/path details messages - used in planning phase } class RequestedCalendar { subset of the requested calendar } PathInformation --> PlannedJourneyLocation PathInformation --> PlannedCalendar PlannedCalendar --> RequestedCalendar </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	PlannedJourneyLocation PlannedCalendar RequestedCalendar
used by	elements PathDetailsMessage PathRequestMessage
source	<pre> <xs:element name="PathInformation"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/> </pre>

	<pre><xs:element ref="PlannedCalendar"/> <xs:element ref="RequestedCalendar" minOccurs="0"> <xs:annotation> <xs:documentation>subset of the requested calendar</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

element **PathNotAvailableMessage**

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

element **PathRequestMessage**

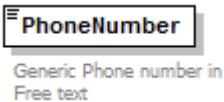
children	MessageHeader AdministrativeContactInformation Identifiers MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message serves to request a train path. The message is sent from the RU to each IM involved.
source	<pre> <xs:element name="PathRequestMessage"> <xs:annotation> <xs:documentation>This message serves to request a train path. The message is sent from the RU to each IM involved.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="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="TypeOfInformation"/> <xs:element ref="TrainInformation"> <xs:annotation> <xs:documentation>Train Information provided by the RUs as an overview for the whole train journey from origin to destination</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PathInformation"> <xs:annotation> <xs:documentation>Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **PermittedTolerance**

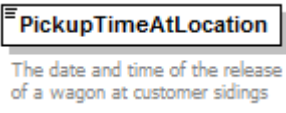
diagram	<div><div><div>PermittedTolerance</div></div><div>Permitted tolerance after date of overhaul (in months)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	99									
annotation	documentation Permitted tolerance after date of overhaul (in months)									
source	<pre><xs:element name="PermittedTolerance"> <xs:annotation> <xs:documentation>Permitted tolerance after date of overhaul (in months)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PhoneNumber**

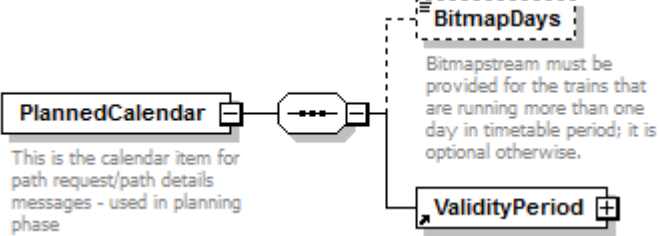
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	CommunicationRefID									
properties	content simple									
used by	element AdministrativeContactInformation									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>70</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	documentation Generic Phone number in Free text									
source	<pre><xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Phone number in Free text</xs:documentation> </xs:annotation> </xs:element></pre>									

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

element **PickupTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings
source	<pre><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	BitmapDays ValidityPeriod
used by	elements AffectedSection PathInformation TrainInformation
annotation	documentation This is the calendar item for path request/path details messages - used in planning phase
source	<pre><xs:element name="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the calendar item for path request/path details messages - used in planning phase</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BitmapDays" minOccurs="0"> <xs:annotation> <xs:documentation>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>

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

element **PlannedCalendar/BitmapDays**

diagram	<div><div><div>BitmapDays</div></div><div>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div> <div><div>minLength</div><div>1</div></div> <div><div>maxLength</div><div>740</div></div> <div><div>whiteSpace</div><div>collapse</div></div> <div><div>pattern</div><div>[0-1]{1,740}</div></div>
annotation	<div>documentation</div> <div>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</div>
source	<pre><xs:element name="BitmapDays" minOccurs="0"> <xs:annotation> <xs:documentation>Bitmapstream must be provided for the trains that are running more than one day in timetable period; it is optional otherwise.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **PlannedDateNextOverhaul**

diagram	<div><div><div>PlannedDateNextOverhaul</div></div><p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	<p>documentation</p> <p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p>
source	<pre><xs:element name="PlannedDateNextOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper. </xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedJourneyLocation**

diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.5>type extension of [LocationIdent](#)

properties	content	complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter	
used by	elements	PathInformation TrainInformation
attributes	Name JourneyLocationTypeCode Type derived by: xs:token Use Default Fixed Annotation documentation	01 = Origin 02 = Intermediate 03 = Destination 04 = Handover 05 = Interchange 06 = Handover and Interchange 07 = State Border 08 = None 99 = Mutually Defined
annotation	documentation	Any operation point along the train journey
source	<pre> <xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey </xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>	


```

<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:sequence>
  <xs:attribute          ref="JourneyLocationTypeCode"/>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

element **PlannedJourneyLocation/StatusOfHarmonization**


diagram	 <p>StatusOfHarmonization Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p> <p>HandoverHarmonized IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p> <p>InterchangeHarmonized RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	HandoverHarmonized InterchangeHarmonized
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.
source	<pre> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

diagram	 <p>HandoverHarmonized IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.
source	<pre><xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

diagram	 <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<pre><xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element></pre>

element **PlannedSpeed**

diagram	<div><div><div>PlannedSpeed</div></div><p>IM may inform the RA on the speed which was the basis for path construction</p></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	Speed						
properties	content simple						
used by	element PlannedTrainTechnicalData						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>001</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	001	
Kind	Value	Annotation					
minInclusive	001						

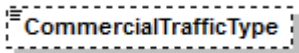
	maxInclusive 999
annotation	documentation IM may inform the RA on the speed which was the basis for path construction
source	<code><xs:element name="PlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></code>

element **PlannedTrainData**

diagram	<p>PlannedTrainData Train relevant data for a planning period</p> <p>TrainType 1 Passenger train Commercial train with passenger coaches or trainsets Empty run of Train with passenger coaches or trainsets Including Crew train (for Train Crew Members) 2 Freight train Train with freight wagons 3 Light engine (locomotive train) One or more engines without any carriages 4 Engineering train Train for measurement, maintenance, instructions, homologation, etc. 0 Other Train types that are not covered with the four codes given above can be codified as "other" in the messages Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</p> <p>TrafficType information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</p> <p>TypeofService Information about the services available on a train. Used for publication towards the passenger</p> <p>CommercialTrafficType</p> <p>PlannedTrainTechnicalData Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingIdent 0..∞ Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>DangerousGoodsIndication 0..∞ Identifies dangerous goods</p> <p>CombinedTrafficLoadProfile This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is less or equal 2550 mm. C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm • The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

children	TrainType TrafficType TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication CombinedTrafficLoadProfile
used by	element PlannedJourneyLocation
annotation	documentation Train relevant data for a planning period
source	<pre> <xs:element name="PlannedTrainData"> <xs:annotation> <xs:documentation>Train relevant data for a planning period</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="TypeofService" minOccurs="0"/> <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/> <xs:element ref="PlannedTrainTechnicalData"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTrainData/CommercialTrafficType**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	type7009BrandNameCodeList		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	17	
	enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0
	enumeration	47	documentation TAC documentation TAC documentation Car sleeper train, motor rail (CST) documentation 14 documentation 0
	enumeration	48	documentation SAF

		documentation SAE
		documentation Unaccompanied car service, motor rail
		documentation 14
		documentation 0
enumeration	49	documentation EIC
		documentation EkspresIC
		documentation Fast and Comfortable Interregional trains
		documentation 10
		documentation 0
enumeration	50	documentation EC
		documentation EuroCity
		documentation EuroCity
		documentation 9
		documentation 0
enumeration	51	documentation ICE
		documentation ICE
		documentation ICE
		documentation 8
		documentation 0
enumeration	52	documentation AVE
		documentation AVE
		documentation AVE
		documentation 8
		documentation 0
enumeration	53	documentation EIL
		documentation EUROSTAR
		documentation Eurostar
		documentation 8
		documentation 0
enumeration	54	documentation
		documentation
		documentation Talgo
		documentation 9
		documentation 0
enumeration	55	documentation OTU
		documentation Oresundstog
		documentation

		Oresundstog documentation
		10 documentation
		0 documentation
enumeration	56	TGV documentation
		TGV documentation
		TGV Bruxelles – Lille / Province documentation
		8 documentation
		0 documentation
enumeration	58	TRN documentation
		Intercités documentation
		Intercités documentation
		9 documentation
		0 documentation
enumeration	59	AE documentation
		ALLEGRO documentation
		Allegro documentation
		8 documentation
		0 documentation
enumeration	60	ECB documentation
		EuroCityBrenner documentation
		EuroCityBrenner documentation
		9 documentation
		0 documentation
enumeration	62	documentation
		documentation
		documentation
		Suburban service documentation
		12 documentation
		0 documentation
enumeration	63	IC documentation
		Intercity documentation
		Intercity documentation
		9 documentation
		0 documentation
enumeration	64	documentation
		documentation
		documentation
		Hotel Train documentation

		13 documentation
enumeration	65	0 documentation
		documentation Ferry documentation hydrofoil documentation 33 documentation 0
enumeration	66	documentation IC documentation Intercity documentation Inter City Lyn documentation 9 documentation 0
enumeration	67	documentation
		documentation
		documentation TRN documentation 10 documentation 0
enumeration	68	documentation
		documentation
		documentation International documentation 9 documentation 0
enumeration	69	documentation
		documentation
		documentation Express documentation 10 documentation 0
enumeration	70	documentation EN documentation EuroNight documentation Euro Night documentation 13 documentation 0
enumeration	71	documentation HST documentation High-speed train documentation High-speed train documentation

		8 documentation
	enumeration 72	0 documentation TRN documentation TRAIN documentation Train SNCF documentation
	enumeration 73	9 documentation 0 documentation TGV documentation TGV documentation TGV Sud-Est documentation
	enumeration 74	8 documentation 0 documentation TGV documentation TGV documentation TGV Atlantique documentation
	enumeration 75	8 documentation 0 documentation TGV documentation TGV documentation TGV Nord documentation
	enumeration 76	8 documentation 0 documentation TGV documentation TGV documentation TGV Lyria documentation
	enumeration 77	8 documentation 0 documentation TGV documentation TGV documentation TGV Duplex documentation
	enumeration 79	8 documentation 0 documentation TGV documentation TGV documentation TGV Est documentation
	enumeration 80	8 documentation 0 documentation

		<p>TGV documentation</p> <p>TGV documentation</p> <p>TGV Interconnexion documentation</p> <p>8 documentation</p> <p>0 documentation</p>
	enumeration 82	
		<p>documentation</p> <p>THALYS documentation</p> <p>Thalys documentation</p> <p>8 documentation</p> <p>0 documentation</p>
	enumeration 83	
		<p>documentation</p> <p>Ferry documentation</p> <p>hovercraft documentation</p> <p>33 documentation</p> <p>0 documentation</p> <p>RE documentation</p> <p>regional train documentation</p> <p>Regional documentation</p> <p>11 documentation</p> <p>0 documentation</p>
	enumeration 84	
		<p>documentation</p> <p>WTE documentation</p> <p>Wilhelm Tell Express documentation</p> <p>Wilhelm Tell Express documentation</p> <p>10 documentation</p> <p>0 documentation</p>
	enumeration 85	
		<p>documentation</p> <p>CNL documentation</p> <p>City Night Line documentation</p> <p>City Night Line documentation</p> <p>13 documentation</p> <p>0 documentation</p>
	enumeration 86	
		<p>documentation</p> <p>PENDOLINO documentation</p> <p>Pendolino documentation</p> <p>8 documentation</p> <p>0 documentation</p>
	enumeration 87	
		<p>documentation</p> <p>ALV documentation</p>
	enumeration 88	
		<p>documentation</p>
	enumeration 89	

	enumeration	90	Alvia documentation Alvia documentation 8 documentation 0 documentation AVN documentation Avant documentation Avant documentation 8 documentation 0
	enumeration	91	documentation TER documentation TRAIN documentation Regional TER documentation 11 documentation 0
	enumeration	92	documentation REG documentation NSB Regiontog documentation NSB Regiontog documentation 37 documentation 0
	enumeration	93	documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8 documentation 0
	enumeration	94	documentation SC documentation SuperCity documentation Supercity documentation 9 documentation 0
	enumeration	95	documentation CNL documentation City Night Line (D) documentation DB Nachtzug documentation 13 documentation 0
	enumeration	96	documentation INI documentation InterCityNotte Italia documentation InterCityNotte documentation

		13 documentation
	enumeration 97	0 documentation GB documentation ATOC MEMBER OPERATED SERVICE documentation ATOC MEMBER OPERATED SERVICE documentation 37 documentation 0
	enumeration 98	documentation ESI documentation ES* Italia documentation Eurostar Italia documentation 8 documentation 0
	enumeration 99	documentation documentation documentation Funicular documentation 15 documentation 0 documentation
	enumeration 100	documentation documentation Airport train documentation 12 documentation 0 documentation Night train documentation 13 documentation 0 documentation
	enumeration 101	documentation documentation documentation documentation 0 documentation
	enumeration 102	documentation documentation Touristic train documentation 9 documentation 0 documentation
	enumeration 107	documentation documentation documentation documentation Historical train, steam engine train documentation 16 documentation 0 documentation
	enumeration 108	documentation

		IRE documentation
		IRE documentation
		Interregio-Express documentation
		10 documentation
		0 documentation
enumeration	109	RB documentation
		RB documentation
		Regionalbahn documentation
		11 documentation
		0 documentation
enumeration	110	RE documentation
		RE documentation
		Regional-Express documentation
		11 documentation
		0 documentation
enumeration	111	RT documentation
		RT documentation
		RegioTram documentation
		11 documentation
		0 documentation
enumeration	112	documentation
		documentation
		documentation
		Shinkansen documentation
		8 documentation
		0 documentation
enumeration	113	THT documentation
		TrainHotel Talgo documentation
		Train hotel talgo documentation
		13 documentation
		0 documentation
enumeration	114	EUR documentation
		Euromed documentation
		Euromed documentation
		9 documentation
		0 documentation
enumeration	115	ALR documentation
		Alaris

		documentation Alaris
		documentation 9
		documentation 0
enumeration	116	documentation ALT
		documentation Altaria
		documentation Altaria
		documentation 9
		documentation 0
enumeration	117	documentation ALC
		documentation Arco
		documentation Arco
		documentation 9
		documentation 0
enumeration	119	documentation
		documentation
		documentation S-Bahn
		documentation 12
		documentation 0
enumeration	120	documentation
		documentation
		documentation ICN
		documentation 9
		documentation 0
enumeration	122	documentation IR
		documentation Interregional
		documentation Interregional
		documentation 10
		documentation 0
enumeration	123	documentation
		documentation
		documentation Interregional Night Train
		documentation 13
		documentation 0
enumeration	126	documentation
		documentation

		documentation ARZ
		documentation 14
		documentation 0
enumeration	128	documentation AVE
		documentation RENFE SNCF EN COOPERATION
		documentation RENFE SNCF
		documentation 8
		documentation 0
enumeration	129	documentation TGV
		documentation RENFE SNCF EN COOPERATION
		documentation RENFE SNCF
		documentation 8
		documentation 0
enumeration	130	documentation BUS
		documentation IC Bus
		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

	enumeration	157	InterPici documentation 9 documentation 0 documentation
			documentation
			documentation Fast train documentation 9 documentation 0 documentation
			documentation
			documentation Euregio documentation 11 documentation 0 documentation
			documentation Bus documentation IC Ersatzbus documentation 32 documentation 0 documentation
			documentation Bus documentation IP Ersatzbus documentation 32 documentation 0 documentation
			documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation TGV documentation TGV Duplex France Allemagne documentation
			documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation TGV documentation TGV Duplex France Allemagne documentation
			documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation TGV documentation TGV Duplex France Allemagne documentation
			documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation TGV documentation TGV Duplex France Allemagne documentation

		TGV Duplex France Allemagne
		documentation
		8
		documentation
		0
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
		documentation
		0
enumeration	172	documentation
		FR
		documentation
		FRECCIAROSSA
		documentation
		FRECCIAROSSA
		documentation
		8
		documentation
		0
enumeration	173	documentation
		AP
		documentation
		Albula Panoramawagen
		documentation
		Albula Panoramawagen
		documentation
		10
		documentation
		0
enumeration	174	documentation
		BEX
		documentation
		Bernina Express
		documentation
		Bernina Express (Panorama Train)
		documentation
		10
		documentation
		0
enumeration	175	documentation
		GEX
		documentation
		Glacier Express
		documentation
		Glacier Express (Panorama Train)
		documentation
		10
		documentation
		0
enumeration	176	documentation
		GP
		documentation
		Golden Pass
		documentation
		Golden Pass (Panorama Train)
		documentation
		10
		documentation

	enumeration	177	0
			documentation
			BNI
			documentation
			Bernina Panorama
			documentation
			Bernina Panorama
			documentation
			11
			documentation
			0
			documentation
			zb
			documentation
			zb Zentralbahn AG
			documentation
			Luzern-Interlaken Express (Panorama Train)
			documentation
			10
			documentation
			0
			documentation
			ICE
			documentation
			ICE-Allemagne France
			documentation
			ICE Allemagne-France
			documentation
			8
			documentation
			0
			documentation
			203
			documentation
			documentation
			ÖBB-NIGHTLINE
			documentation
			ÖBB Night Line
			documentation
			13
			documentation
			0
			documentation
			206
			RID
			documentation
			Riviera Day
			documentation
			Riviera day
			documentation
			9
			documentation
			0
			documentation
			207
			RIN
			documentation
			Riviera Night
			documentation
			Riviera night
			documentation
			9
			documentation
			0
			documentation
			209
			RJ
			documentation
			R A I L JET
			documentation
			Rail Jet
			documentation
			9
			documentation
			0
			documentation
			213
			AZ

	enumeration	214	documentation DB Autozug documentation DB Autozug documentation 14 documentation 0 documentation
	enumeration	215	documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0 documentation
	enumeration	216	documentation Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13 documentation 0 documentation
	enumeration	219	documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 documentation TGV documentation TGV documentation TGV documentation 8 documentation 0
	enumeration	222	documentation City Night Line Transferbus documentation 32 documentation 0
	enumeration	223	documentation FB documentation FB documentation FernBus documentation 32 documentation 0
	enumeration	224	documentation ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32

	enumeration	225	documentation 0 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
	enumeration	228	documentation IR documentation InterREGIO train documentation InterREGIO train documentation 10 documentation 0
	enumeration	229	documentation IRB documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32 documentation 0
	enumeration	230	documentation MP documentation Fast International Train documentation Fast International Train documentation 10 documentation 0
	enumeration	231	documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11 documentation 0
	enumeration	232	documentation Os

		documentation Stopping Train
		documentation Stopping Train
		documentation 11
		documentation 0
enumeration	233	documentation P
		documentation Fast Train
		documentation Fast Train
		documentation 10
		documentation 0
enumeration	234	documentation R
		documentation REGIO train
		documentation REGIO train
		documentation 11
		documentation 0
enumeration	235	documentation RE
		documentation REGIOekspres train
		documentation REGIOekspres train
		documentation 10
		documentation 0
enumeration	236	documentation VR
		documentation viaREGIO train
		documentation viaREGIO train
		documentation 11
		documentation 0
enumeration	237	documentation TK
		documentation TurKol
		documentation TurKol
		documentation 11
		documentation 0
enumeration	238	documentation EIP
		documentation EIC Premium
		documentation High-speed train
		documentation 8
		documentation 0
enumeration	239	documentation SKM
		documentation PKP SKM w Trojmiescie
		documentation PKP SKM w Trojmiescie

	enumeration	240	documentation 12 documentation 0 documentation SA documentation SAPSAN documentation High speed train documentation 8 documentation 0
	enumeration	241	documentation IB documentation InterCity Bornholm documentation InterCity Bornholm documentation 9 documentation 0
	enumeration	242	documentation STR documentation STRIZH documentation Strizh night train documentation 13 documentation 1
	enumeration	243	documentation STR documentation STRIZH documentation Strizh interregional documentation 8 documentation 1
	enumeration	244	documentation NJ documentation NJ documentation NJ Night Jet documentation 13 documentation 1
	enumeration	245	documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation 32 documentation 1
source	<code><xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></code>		

element **PlannedTrainTechnicalData**

diagram



PlannedTrainTechnicalData (Complex Type)

Shows the relevant technical data for a running train

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.5>

properties content complex

children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System TrainRadioSystem
used by	element PlannedTrainData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="PlannedTrainTechnicalData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/> <xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/> <xs:element ref="TractionDetails" maxOccurs="unbounded"/> <xs:element ref="TrainMaxSpeed"/> <xs:element ref="HighestPlannedSpeed" minOccurs="0"/> <xs:element ref="PlannedSpeed" minOccurs="0"/> <xs:element ref="Coasting" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="RouteClass" minOccurs="0"/> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).</xs:documentation> </xs:annotation> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

diagram	<p>PlannedTransportIdentifiers</p> <p>CompositIdentifierPlannedType</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determined by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage Identifiers
source	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**

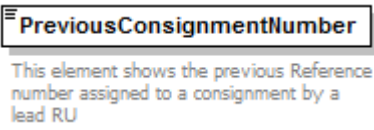
diagram	<div><div><div>PostalCode</div><div>The postal code for the postal address</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									

annotation	documentation The postal code for the postal address
source	<pre> <xs:element name="PostalCode"> <xs:annotation> <xs:documentation>The postal code for the postal address</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **PreArrangedPath**

diagram	<div><div><div>≡</div><div>PreArrangedPath</div></div><p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedJourneyLocation									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>9</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.									
source	<pre><xs:element name="PreArrangedPath"> <xs:annotation> <xs:documentation>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element PreviousConsignmentNumber

diagram	 <p>This element shows the previous Reference number assigned to a consignment by a lead RU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation This element shows the previous Reference number assigned to a consignment by a lead RU
source	<pre><xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>This element shows the previous Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre>

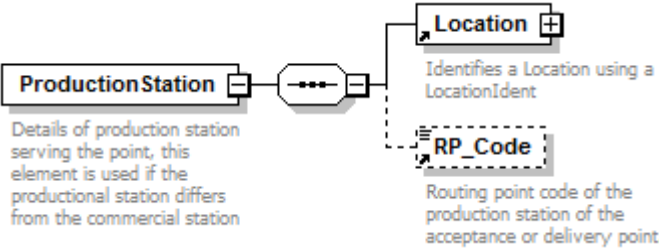
element PreviousResponsibleRU

diagram	<div><div><div>PreviousResponsibleRU</div></div><p>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint WIMO Dataset/ConsignmentLevelData												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point												
source	<pre><xs:element name="PreviousResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>												

element **PrimaryLocationName**

diagram	<div><div><div>PrimaryLocationName</div></div><div>Location Name in an offication language of the Country using the ISO Unicode alphabet</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	complexType LocationIdent									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet									
source	<pre><xs:element name="PrimaryLocationName" type="FreeText"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>									

element **ProductionStation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location RP_Code
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station
source	<pre><xs:element name="ProductionStation"> <xs:annotation> <xs:documentation>Details of production station serving the point, this element is used if the productional station differs from the commercial station</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="RP_Code" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Quantity**

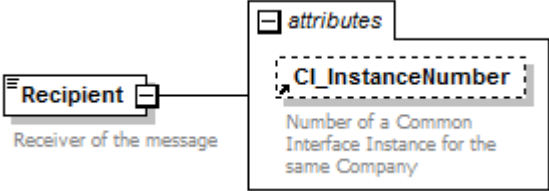
diagram	<div><div><div>Quantity</div><div>Amount of the loading tackles of the specified type.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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 Amount of the loading tackles of the specified type.									
source	<pre><xs:element name="Quantity"> <xs:annotation> <xs:documentation>Amount of the loading tackles of the specified type.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ReceiptConfirmationMessage**


diagram	<p>ReceiptConfirmationMessage</p> <p>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</p> <p>MessageHeader Used for all messages</p> <p>Identifiers</p> <p>.TypeOfRequest Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p> <p>.TypeOfInformation Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</p> <p>AffectedSection 0..∞ Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path</p> <p>RelatedReference Identifies the message to which the actual message refers</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader Identifiers TypeOfRequest TypeOfInformation AffectedSection RelatedReference
annotation	<p>documentation</p> <p>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</p>
source	<pre> <xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of- information.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> maxOccurs="unbounded"/> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	<pre> ref="RelatedReference"/> </pre>
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element Recipient

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5					
type	extension of CompanyCode					
properties	content	complex				
used by	element	MessageHeader				
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation
	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface Instance for the same Company
annotation	documentation Receiver of the message					
source	<pre> <xs:element <xs:annotation> <xs:documentation>Receiver of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension <xs:attribute </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>					

element ReferencedLocationDateTime

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	xs:dateTime
properties	content simple
used by	elements TrainAtLocation TrainLocationReport
annotation	documentation Reference to original planned Date and Time agreed by all involved IMs and RUs.
source	<pre> <xs:element name="ReferencedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Reference to original planned Date and Time agreed by all involved IMs and RUs. </xs:documentation> </xs:annotation> </xs:element> </pre>

element ReferenceNumbers

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MovementReferenceNumber ARC
used by	elements ITU_Details Wagons/WagonDetails
annotation	documentation This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!
source	<pre> <xs:element name="ReferenceNumbers"> <xs:annotation> <xs:documentation>This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence maxOccurs="99" minOccurs="0"> <xs:element name="MovementReferenceNumber"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:maxLength value="21"/> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

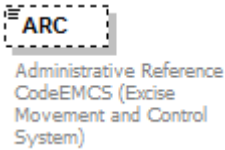
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	MRN_Type MRN_Number
annotation	documentation Movement Reference Number according to NCTS
source	<pre> <xs:element name="MovementReferenceNumber" minOccurs="0"> </pre>

	<pre> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element ReferenceNumbers/MovementReferenceNumber/MRN_Number

diagram	<div><div><div>MRN_Number</div></div><div>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>21</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).									
source	<pre><xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

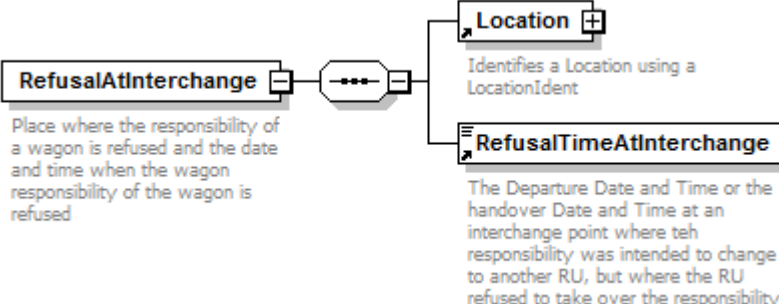
element **ReferenceNumbers/ARC**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
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> <xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="21"/> </xs:simpleType> </xs:element> </pre>

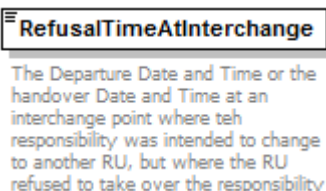
element **ReferenceOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	OperationalTrainNumberIdentifier
used by	elements ChangeofTrackMessage TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="ReferenceOTN"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RefusalAtInterchange**

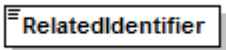
diagram	 <p>RefusalAtInterchange Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility of the wagon is refused</p> <p>Location Identifies a Location using a LocationIdent</p> <p>RefusalTimeAtInterchange The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location RefusalTimeAtInterchange
used by	element WagonRefusedAtInterchangeMessage
annotation	documentation Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility of the wagon is refused
source	<pre> <xs:element name="RefusalAtInterchange"> <xs:annotation> <xs:documentation>Place where the responsibility of a wagon is refused and the date and time when the wagon responsibility of the wagon is refused</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="RefusalTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RefusalTimeAtInterchange**

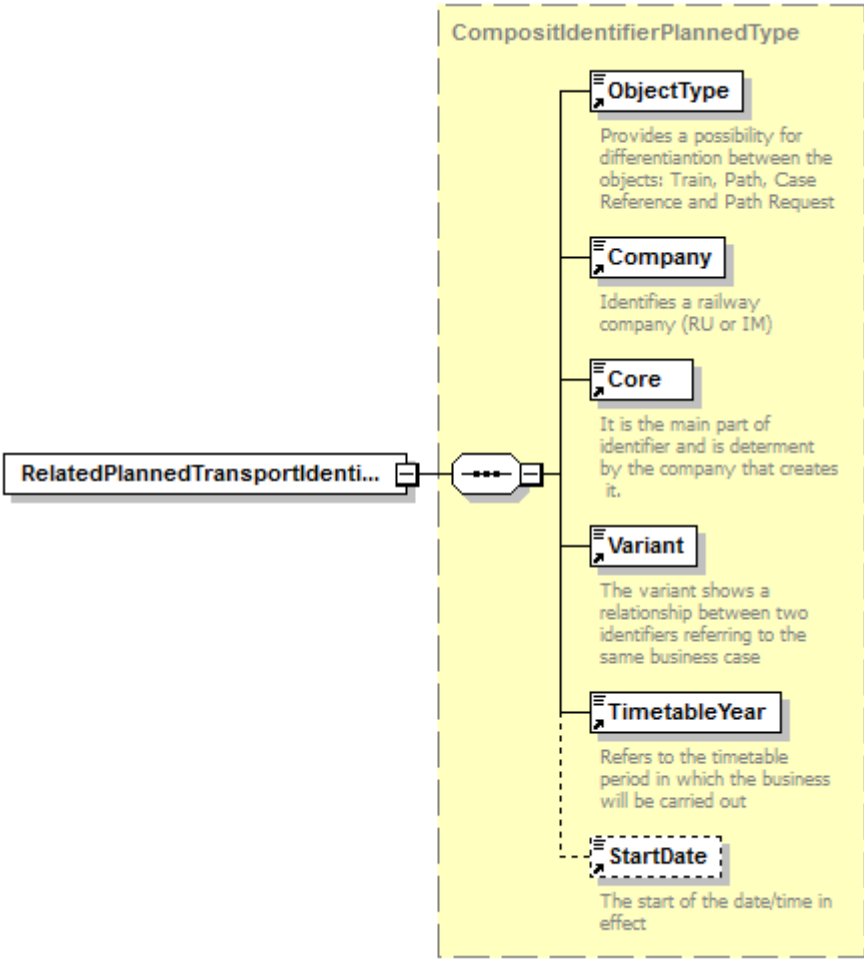
diagram	 <p>RefusalTimeAtInterchange The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element RefusalAtInterchange
annotation	documentation The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change to another RU, but where the RU refused to take over the responsibility
source	<pre> <xs:element name="RefusalTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Departure Date and Time or the handover Date and Time at an interchange point where teh responsibility was intended to change </pre>

	to another RU, but where the RU refused to take over the responsibility</xs:documentation> </xs:annotation> </xs:element>
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element **RelatedIdentifier**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
facets	<table><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	<xs:element name="RelatedIdentifier" type="FreeText"/>									

element **RelatedPlannedTransportIdentifiers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element Identifiers
source	<pre><xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **RelatedReference**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonDepartureNoticeMessage WagonDeviationMessage WagonETI ETA Message WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage
annotation	documentation Identifies the message to which the actual message refers
source	<pre><xs:element name="RelatedReference"> <xs:annotation> <xs:documentation>Identifies the message to which the actual message refers</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RelatedType" type="MessageCode"/> <xs:element ref="RelatedIdentifier"/> <xs:element ref="RelatedSenderReference" minOccurs="0"/> <xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RelatedReference/RelatedType**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	MessageCode		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9999	
source	<xs:element name="RelatedType" type="MessageCode"/>		

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
annotation	documentation Date Time of related message.
source	<pre><xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element></pre>

element **RelatedSenderReference**

diagram	<div><div><div>RelatedSenderReference</div></div><div>Sender reference given by the Sender</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
used by	element RelatedReference									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Sender reference given by the Sender									
source	<pre><xs:element name="RelatedSenderReference" type="FreeText"> <xs:annotation> <xs:documentation>Sender reference given by the Sender</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RelatedTransportOperationalIdentifiers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element TrainOperationalIdentification
source	<pre><xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/></pre>

element **Remarks**

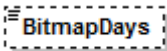
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	FreeText
properties	content simple
used by	elements DelayCauseTime InterruptionPoint TrainJourneyModificationMessage

facets	Kind minLength maxLength	Value 1 255	Annotation
annotation	documentation Free Form Text		
source	<pre><xs:element name="Remarks" type="FreeText"> <xs:annotation> <xs:documentation>Free Form Text</xs:documentation> </xs:annotation> </xs:element></pre>		

element RequestedCalendar

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	BitmapDays ValidityPeriod
used by	element PathInformation
source	<pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element name="BitmapDays" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element RequestedCalendar/BitmapDays

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	740	

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

element RequestedPeriod

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	StartDateTime EndDateTime
annotation	documentation Date/Time period of a request
source	<pre> <xs:element name="RequestedPeriod"> <xs:annotation> <xs:documentation>Date/Time period of a request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element RequestedTimeframe

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	StartDateTime EndDateTime

annotation	documentation To specify a time period being requested
source	<pre> <xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specify a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

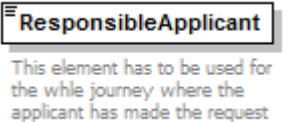
element ResponsibilityActualSection

diagram	<p>ResponsibilityActualSection This element identifies the responsible RU or IM for the actual path section</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>ResponsibleIM IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
annotation	documentation This element identifies the responsible RU or IM for the actual path section
source	<pre> <xs:element name="ResponsibilityActualSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ResponsibilityNextSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<pre> <xs:element name="ResponsibilityNextSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU and IM for the following path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **ResponsibleApplicant**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of CompanyCode						
properties	content simple						
used by	element PlannedJourneyLocation						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4	
Kind	Value	Annotation					
minLength	4						

	maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation This element has to be used for the whole journey where the applicant has made the request
source	<pre> <xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whole journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element> </pre>

element ResponsibleIM

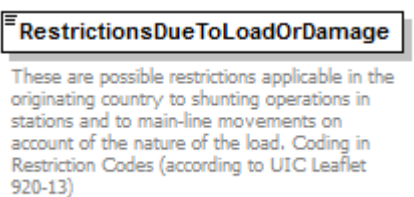
diagram	<div><div><div>☰</div><div>ResponsibleIM</div></div><div>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>4</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td>[0-9A-Z]{4}</td><td></td></tr></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	<div>documentation</div> <div>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.</div>												
source	<pre><xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</pre>												

	<pre> </xs:documentation> </xs:annotation> </xs:element> </pre>
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element ResponsibleRU

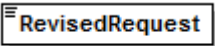
diagram	<div><div><div>ResponsibleRU</div></div><div>RU Responsible for the physical operation of the train or wagon</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ExceptionPoint PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection TrainDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
facets	<table><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 colspan="2">[0-9A-Z]{4}</td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation RU Responsible for the physical operation of the train or wagon												
source	<pre><xs:element name="ResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>RU Responsible for the physical operation of the train or wagon</xs:documentation> </xs:annotation> </xs:element></pre>												

element RestrictionsDueToLoadOrDamage

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	RestrictionCodes		
properties	content	simple	
used by	element	WagonOperationalData	
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	

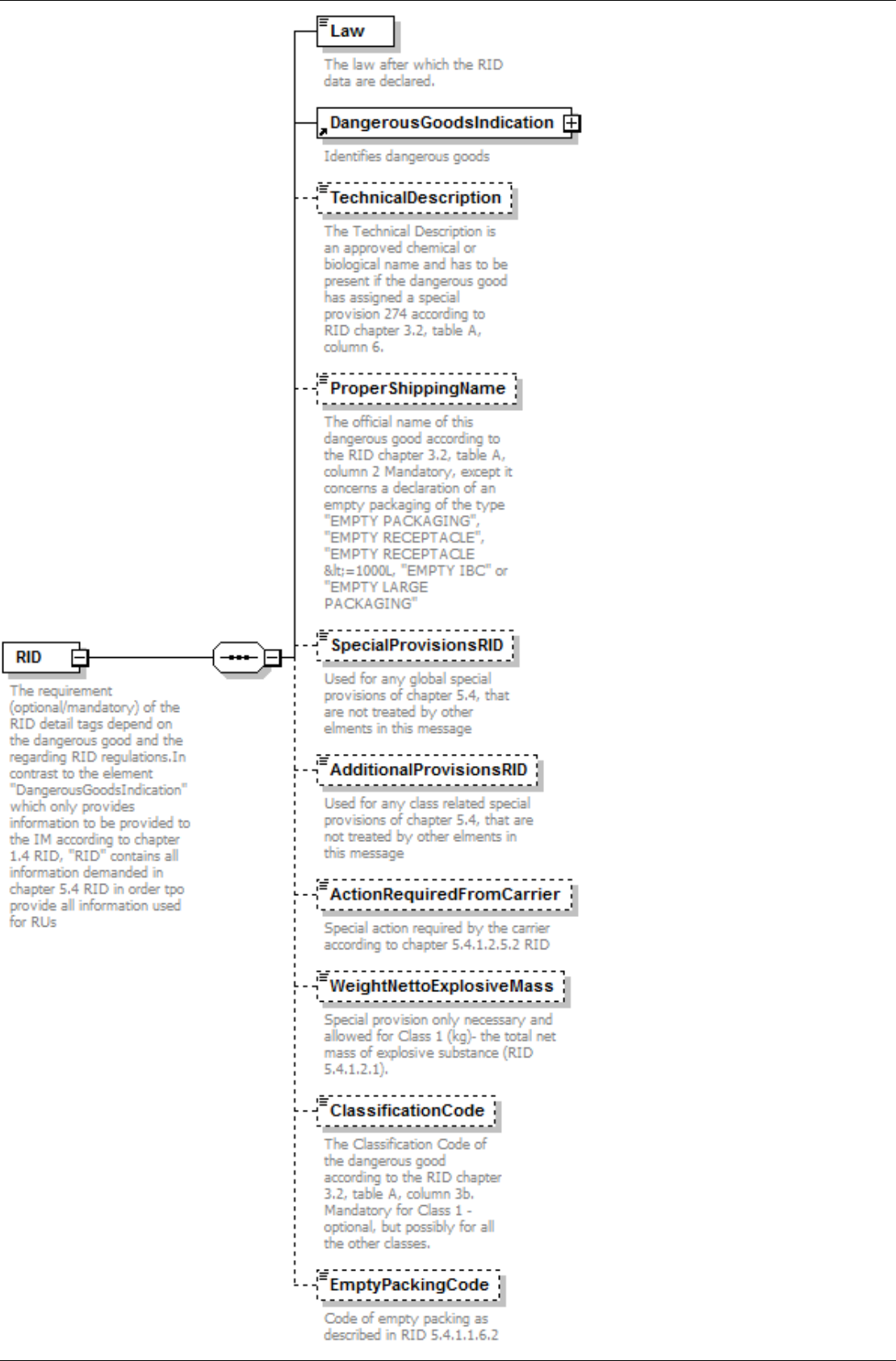
	enumeration 14 enumeration 15 enumeration 18 enumeration 25 enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34 enumeration 35 enumeration 36 enumeration 37 enumeration 38 enumeration 39 enumeration 41 enumeration 42 enumeration 50 enumeration 52 enumeration 62 enumeration 63 enumeration 68 enumeration 70 enumeration 71 enumeration 90 enumeration 91 enumeration 92 enumeration 94 enumeration 99
annotation	documentation These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)
source	<pre><xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"> <xs:annotation> <xs:documentation>These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) </xs:documentation> </xs:annotation> </xs:element></pre>

element RevisedRequest

diagram	 <p>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	xs:boolean
properties	content simple
used by	element PathDetailsRefusedMessage
annotation	documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.
source	<pre><xs:element name="RevisedRequest" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</xs:documentation> </xs:annotation> </xs:element></pre>

element **RID**

<p>diagram</p>  <p>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>	<div>Law</div> <p>The law after which the RID data are declared.</p> <div>DangerousGoodsIndication</div> <p>Identifies dangerous goods</p> <div>TechnicalDescription</div> <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> <div>ProperShippingName</div> <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> <div>SpecialProvisionsRID</div> <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p> <div>AdditionalProvisionsRID</div> <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p> <div>ActionRequiredFromCarrier</div> <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> <div>WeightNettoExplosiveMass</div> <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> <div>ClassificationCode</div> <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> <div>EmptyPackingCode</div> <p>Code of empty packing as described in RID 5.4.1.1.6.2</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

children	Law DangerousGoodsIndication TechnicalDescription ProperShippingName SpecialProvisionsRID AdditionalProvisionsRID ActionRequiredFromCarrier WeightNettoExplosiveMass ClassificationCode EmptyPackingCode
used by	element Goods
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs
source	<pre> <xs:element name="RID"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerousGoodsIndication"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

```

        <xs:restriction                                base="xs:string">
            <xs:minLength                                value="1"/>
            <xs:maxLength                                value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element          name="SpecialProvisionsRID"          minOccurs="0">
    <xs:annotation>
        <xs:documentation>Used for any global special provisions of chapter
5.4, that are not treated by other elements in this message</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction                                base="xs:string">
            <xs:minLength                                value="1"/>
            <xs:maxLength                                value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element          name="AdditionalProvisionsRID"          minOccurs="0">
    <xs:annotation>
        <xs:documentation>Used for any class related special provisions of
chapter 5.4, that are not treated by other elements in this
message</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction                                base="xs:string">
            <xs:minLength                                value="1"/>
            <xs:maxLength                                value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element          name="ActionRequiredFromCarrier"          minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special action required by the carrier according
to chapter 5.4.1.2.5.2 RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction                                base="xs:string">
            <xs:minLength                                value="1"/>
            <xs:maxLength                                value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element          name="WeightNettoExplosiveMass"          minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special provision only necessary and allowed for
Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction                                base="xs:decimal">
            <xs:minInclusive                                value="0"/>
            <xs:fractionDigits                                value="1"/>
            <xs:totalDigits                                value="8"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element          name="ClassificationCode"          minOccurs="0">

```

```

<xs:annotation>
  <xs:documentation>The Classification Code of the dangerous good
  according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1
  - optional, but possibly for all the other classes.</xs:documentation>
  <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="4">
      <xs:annotation>
        <xs:documentation>present only with class
1</xs:documentation>
      </xs:annotation>
    </xs:maxLength>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="EmptyPackingCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has
    been added as 'dummy' until the code list has been finished and approved.
  </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>EMPTY PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>EMPTY CONTAINER</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>EMPTY IBC</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="04">
        <xs:annotation>
          <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="05">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="06">
        <xs:annotation>
          <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

	<pre> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>EMPTY PORTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE 1e 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
--	--

	<pre> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element RID/Law

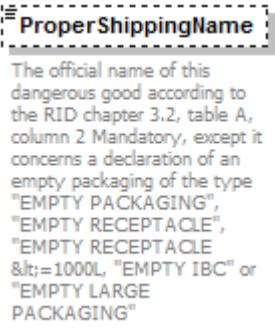
diagram	<div><div><div>≡</div><div>Law</div></div><div>The law after which the RID data are declared.</div></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:int															
properties	content simple															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>2013</td><td></td></tr><tr><td>enumeration</td><td>2015</td><td></td></tr><tr><td>enumeration</td><td>2017</td><td></td></tr><tr><td>enumeration</td><td>2019</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019	
Kind	Value	Annotation														
enumeration	2013															
enumeration	2015															
enumeration	2017															
enumeration	2019															
annotation	documentation The law after which the RID data are declared.															
source	<pre><xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element RID/TechnicalDescription

diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.
source	<pre> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element RID/ProperShippingName

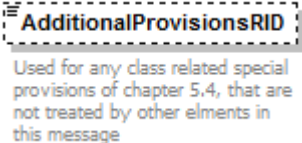
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"
source	<pre> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY </pre>

	RECEPTACLE", "EMPTY RECEPTACLE <=1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element>
--	---

element RID/SpecialProvisionsRID

diagram	<div><div><div>SpecialProvisionsRID</div><div>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>350</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	<div>documentation</div> <div>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</div>									
source	<pre><xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element RID/AdditionalProvisionsRID

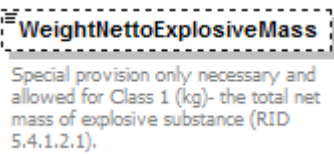
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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	<p>documentation</p> <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p>									
source	<pre><xs:element name="AdditionalProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element RID/ActionRequiredFromCarrier

diagram	<div><div><div><div></div><div></div><div></div></div><div>ActionRequiredFromCarrier</div><div>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><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	<div>documentation</div> <div>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</div>									
source	<pre><xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element RID/WeightNettoExplosiveMass

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

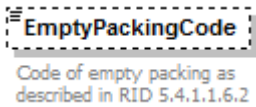
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:decimal		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	0	
	totalDigits	8	
	fractionDigits	1	
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).		
source	<pre><xs:element name="WeightNettoExplosiveMass" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:totalDigits value="8"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **RID/ClassificationCode**

diagram	<div><div><div>ClassificationCode</div></div><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></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	<div><div>minOcc</div><div>0</div><div>maxOcc</div><div>1</div><div>content</div><div>simple</div></div>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td>documentation present only with class 1</td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	4	documentation present only with class 1
Kind	Value	Annotation								
minLength	1									
maxLength	4	documentation present only with class 1								
annotation	<div>documentation</div> <div>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.</div> <div>documentation</div> <div>CODE: OTIF RID-Specification</div>									
source	<pre><xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element RID/EmptyPackingCode

diagram	 <p>Code of empty packing as described in RID 5.4.1.1.6.2</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished		

	and approved.
source	<pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>EMPTY IBC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>EMPTY TANK-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> </pre>

	<pre> <xs:documentation>EMPTY PORTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE 1e 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **RollingRoadUnit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID
used by	element Wagons
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> <xs:element name="RollingRoadUnit"> <xs:annotation> <xs:documentation>Describes the type and content of a Rolling road unit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:enumeration value="HGZ">
  <xs:annotation>
    <xs:documentation>articulated lorry</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="SAL">
  <xs:annotation>
    <xs:documentation>semi-trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="MW">
  <xs:annotation>
    <xs:documentation>motor vehicle</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ANH">
  <xs:annotation>
    <xs:documentation>trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the
vehicle.</xs:documentation>
          <xs:documentation>READ: -
Consignee</xs:documentation>
          <xs:documentation>WRITE: -
Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Total weight [kg] of vehicle (truck and
trailer).</xs:documentation>
  </xs:annotation>

```



```

</xs:element>
<xs:element name="Haulier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information concerning the
haulier.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name">
        <xs:annotation>
          <xs:documentation>Name of haulier.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Attendants during the
transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LastName">
        <xs:annotation>
          <xs:documentation>Last name of
attendant.</xs:documentation>
        </xs:annotation>
        <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
        <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
      </xs:element>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="25"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="FirstName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Optional first name of the
attendant.</xs:documentation>
  </xs:annotation>
  <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
  <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
  <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

	<pre> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Goods" maxOccurs="99"> <xs:annotation/> </xs:element> <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingRoadUnit/RollingRoadUnitDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	LoadingStatus RollingRoadUnitType Vehicles TareWeightVehicle Haulier Attendants
annotation	documentation Details for Rolling Road units on wagon
source	<pre> <xs:element name="RollingRoadUnitDetails"> <xs:annotation> <xs:documentation>Details for Rolling Road units on </pre>

```

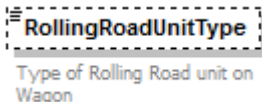
wagon</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="LoadingStatus"/>
    <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Type of Rolling Road unit on
Wagon</xs:documentation>
        <xs:documentation>CODE:</xs:documentation>
        <xs:documentation>READ: <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="3"/>
          <xs:enumeration value="HGZ">
            <xs:annotation>
              <xs:documentation>articulated lorry</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="SAL">
            <xs:annotation>
              <xs:documentation>semi-trailer</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="MW">
            <xs:annotation>
              <xs:documentation>motor vehicle</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="ANH">
            <xs:annotation>
              <xs:documentation>trailer</xs:documentation>
            </xs:annotation>
          </xs:enumeration>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
      <xs:annotation>
        <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="NumberPlate">
            <xs:annotation>
              <xs:documentation>Number plate of the
vehicle.</xs:documentation>
              <xs:documentation>READ: <br/> - Consignee</xs:documentation>
              <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
              <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -

```

	<pre> Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Haulier" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the haulier.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"> <xs:annotation> <xs:documentation>Name of haulier.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

	<pre> </xs:simpleType> </xs:element> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

diagram	<div></div>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																					
type	restriction of xs:string																					
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div> <div><div>default</div><div>HGZ</div></div>																					
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>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	<div>documentation</div> <div>Type of Rolling Road unit on Wagon</div> <div>documentation</div> <div>CODE:</div> <div>documentation</div> <div>READ:
 - Consignee</div> <div>documentation</div> <div>WRITE:
 - Consignor</div> <div>documentation</div> <div>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</div>																					

source	<pre> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--------	--

element RollingRoadUnit/RollingRoadUnitDetails/Vehicles

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 2 content complex
children	NumberPlate CountryCodeISO
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	<pre> <xs:element name="Vehicles" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>List of vehicles loaded (i.e. truck and </pre>

	<pre> trailer).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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

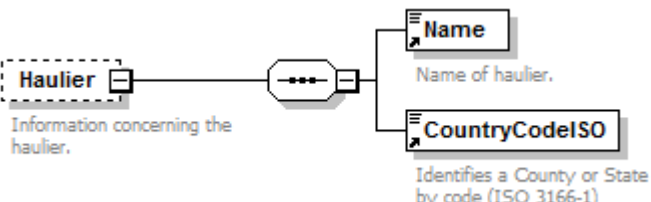
diagram	<div><div><div>≡</div><div>NumberPlate</div></div><div>Number plate of the vehicle.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	<div>documentation Number plate of the vehicle.</div> <div>documentation READ:
 - Consignee</div> <div>documentation WRITE:
 - Consignor</div> <div>documentation AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</div>									
source	<pre><xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle

diagram	<div><div>TareWeightVehicle</div><div>Total weight [kg] of vehicle (truck and trailer).</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	WeightValueKilo												
properties	content simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	<div>documentation</div> <div>Total weight [kg] of vehicle (truck and trailer).</div>												
source	<pre><xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element></pre>												

element RollingRoadUnit/RollingRoadUnitDetails/Haulier

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	Name CountryCodeISO
annotation	documentation Information concerning the haulier.
source	<pre> <xs:element name="Haulier" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the haulier.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"> <xs:annotation> <xs:documentation>Name of haulier.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


	<pre> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	ref="CountryCodeISO"/>
--	--	------------------------

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

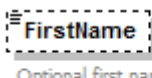
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
properties	minOcc 0 maxOcc 2 content complex	
children	LastName FirstName	
annotation	documentation Attendants during the transport.	
source	<pre> <xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </pre>	

	<pre> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>	value="15"/>
--	---	--------------

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

diagram											
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5										
type	restriction of xs:string										
properties	content simple										
facets	<table> <thead> <tr> <th>Kind</th><th>Value</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>minLength</td><td>1</td><td></td></tr> <tr> <td>maxLength</td><td>25</td><td></td></tr> </tbody> </table>		Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation									
minLength	1										
maxLength	25										
annotation	documentation Last name of attendant. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)										
source	<pre> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>										

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

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	

facets	<div>Kind</div> <div>minLength</div> <div>Value</div> <div>1</div> <div>Annotation</div> <div>maxLength</div> <div>15</div>
annotation	<div>documentation</div> <div>Optional first name of the attendant.</div> <div>documentation</div> <div>READ:
 - Consignee</div> <div>documentation</div> <div>WRITE:
 - Consignor</div> <div>documentation</div> <div>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</div>
source	<pre> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="1"/> <xs:maxLength value="15"/> </xs:simpleType> </xs:element> </pre>

element RollingStockDataset

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	AdministrativeDataSet DesignDataSet
used by	elements RollingStockDatasetMessage WIMO Dataset
annotation	<div>documentation</div> <div>Rolling Stock administrative and Technical Dataset</div>
source	<pre> <xs:element name="RollingStockDataset"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after </pre>

```

renumbering</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RegistrationCountry" type="CountryIdentISO">
  <xs:annotation>
    <xs:documentation>ISO country code of registration
country</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="DatePutIntoService">
  <xs:annotation>
    <xs:documentation>Date of first operation</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="AuthorisationValidUntil" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>End date for restricted authorisation
(special case)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SuspensionOfAuthorisation" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Information if authorisation has been
suspended by the authority</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DateSuspensionOfAuthorisation" type="xs:date"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Date of the suspension of authorisation;
must be provided in case of suspension</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="MultilateralAuthorisationCountries"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO country code of countries where the
wagon is authorised (applies only in case of limited interoperability); first
entry indicates the initial authorisation country</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and should
use Eurotunnel infrastructure.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>

```

	<pre> <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" value="256"/> </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" value="256"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> </pre>
--	--

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

```

certificate; must be provided in case of suspension</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
  <xs:annotation>
    <xs:documentation>Identification of the general
interoperability capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)
03 = RIV
05 = TEN
06 = TEN-GE
07 = TEN-CW
08 = TEN RIV</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="GCUWagon" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>Indication if wagon is operated under the
GCU contract</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DesignDataSet">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LetterMarking">
        <xs:annotation>
          <xs:documentation>Complete wagon category letter code. The
Identification marking for freight rolling stock (wagon type) is defined in
UIC Leaflet 438-2</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="20"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TankCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Tank code (applies only for tank wagons).
The codes are defined in the RID regulation, chapter 4.3.3 and
4.3.4.1.1</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">

```

	<pre> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> <xs:element ref="NumberOfBogies" minOccurs="0"> <xs:annotation> <xs:documentation>Number of bogies for a wagon (applies for bogies wagons only)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BogiePitch" minOccurs="0"/> <xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element name="BufferType" minOccurs="0"> <xs:annotation> <xs:documentation> Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation> </xs:annotation> </xs:element> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="MinCurveRadius"> <xs:annotation> <xs:documentation> Minimum allowed curve radius due to design characteristics, measured in meters</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---


```

</xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the
wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons and
additional/country specific) can be specified by providing the element several
times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no load
table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ProductUNCode" type="Numeric4-4">
              <xs:annotation>
                <xs:documentation>UN code of product if product
specific load table</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ProductRIDName">
              <xs:annotation>
                <xs:documentation>RID product name as written on
the folding panel</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>

```

additional	<pre> <xs:documentation>ISO country code of countries for 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> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs: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> <xs:element name="DerailmentDetectionDevice" </pre>
------------	---

```

type="DerailmentDetectionDevice" minOccurs="0"/>
  <xs:element name="BrakeBlock" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Characteristics of brake
blocks</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="BrakeBlockName" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Name of the brake block type,
including the length in mm</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="256"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Indication if composite brake blocks
are retrofitted or originally equipped</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element ref="MaxLengthOfLoad" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Maximum length of the load measured in mm
</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element ref="LoadArea" minOccurs="0"/>
  <xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Height of the loading plane when wagon is
empty measured in mm</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="TypeOfRemovableAccessories">
          <xs:annotation>
            <xs:documentation>Specification of removable

```

accessory.
 TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:

01	=	Removable	side	flap	of	flat	wagon
02	=	Removable	end	flap	of	flat	wagon
03	=	Removable	intermediate	upright	for	securing	the load
04	=	Removable	Stanchion	chain			
05	=	Removable	handle and wheel	for winch	on	car-carrying	wagon
06	=	Swivelling	bolster	(with	stanchions)		
07	=	Coupling	rod	(rigid	coupling)		
08	=	Ice	bunker	screen			
09	=	Ice	bunker	frame			
10	=	Trestle	or bar	with hooks	for	hanging	meat
11	=	Movable	cross-member	of wagon	with	low	loading plane
12	=	Mooring	cross-member	on wagon	for	special	loads
13	=	Movable	floor	panel	on wagon	for	special loads
14	=	Skid bar	with or without	shoes	on	car-carrying	wagon
15	=	Mooring	strap	on	car-carrying	wagon	
16	=	Beam	for	movable	ramp	on	car-carrying wagon
17	=	Spare	heating	half-coupling			
18	=	Fire	extinguisher				
19	=	Wheel	scotches	(for cars)	on	car-carrying	wagon
20	=	Gangway	loading	ramp	on	car-carrying	wagon
21	=	Metal	cradles	for	rolls	of	metal sheeting
22	=	Panel	for	covering	markings		
23	=	Loading	frame	for	special types	of	goods
24	=	Headstock	for	"rolling	roads"		
25	=	Other	wagon	accessories			

```

</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="NumberOfAccessoriesOfSpecType"
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>

```

	<pre> </xs:annotation> </xs:element> <xs:element ref="FerryPermittedFlag" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if wagon is permitted to be used on ferries</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="3"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Restrictions relevant to wagon operations in train formation, yards or in trains due to design characteristics. Type will be the RestrictionCode instead of ForwardingRestrictionType, according to 920-13: annotation will carry the information that only the technical parameters are allowed to be used here. Only the code numbers should be in the annotation</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date of putting into service</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OverhaulValidityPeriod"/> <xs:element ref="PermittedTolerance"/> <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

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

element **RollingStockDataset/AdministrativeDataSet**

diagram	<p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>PreviousWagonNumberFreight For identification of a wagon after renumbering</p> <p>RegistrationCountry ISO country code of registration country</p> <p>DatePutIntoService Date of first operation</p> <p>AuthorisationValidUntil End date for restricted authorisation (special case)</p> <p>SuspensionOfAuthorisation Information if authorisation has been suspended by the authority</p> <p>DateSuspensionOfAuthorisation Date of the suspension of authorisation; must be provided in case of suspension</p> <p>MultilateralAuthorisationCountry... 0..∞ ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</p> <p>ChannelTunnelPermitted Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</p> <p>QuieterRoutesExemptionCountry 0..∞ ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</p> <p>KeeperShortNameVKM Vehicle Keeper Marking of the wagon keeper as listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special characters)</p> <p>ECM Full name of the assigned Entity in Charge of Maintenance</p> <p>PlannedChangeOfECM</p> <p>ECMCertificate ECM certificate information</p> <p>InteropCapability Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage (defined in the InteropCapabilityCode): 01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid) 03 = RIV 05 = TEN 06 = TEN-GE 07 = TEN-CW 08 = TEN RIV</p> <p>GCUWagon Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

children	WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon
source	<pre> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if wagon is allowed to pass the Channel </pre>


```

Tunnel - if the transport is planned between UK and France and should use
Eurotunnel infrastructure.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
  <xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (http://www.era.europa.eu/Document-
Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ECM">
  <xs:annotation>
    <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CurrentECMAssignedUntil" type="xs:date">
        <xs:annotation>
          <xs:documentation> Date until the current Entity in Charge of
Maintenance is assigned to the wagon</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SubsequentECM">
        <xs:annotation>
          <xs:documentation> Full name of the following Entity in Charge
of Maintenance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">
  <xs:annotation>
    <xs:documentation>ECM certificate information</xs:documentation>
  </xs:annotation>

```

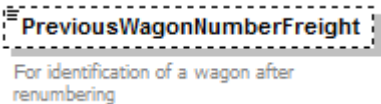
```

<xs:complexType>
  <xs:sequence>
    <xs:element name="EINNumber">
      <xs:annotation>
        <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and its
full description and code lists.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="CountryCodeISO"/>
        <xs:element name="TypeDocumentEIN" type="Numeric2-2">
          <xs:annotation>
            <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CounterAccreditedRecognizedBody"
type="Numeric2-2"/>
        <xs:element name="EINYear" type="Numeric2-2"/>
        <xs:element name="EINCounter">
          <xs:simpleType>
            <xs:restriction base="xs:integer">
              <xs:minInclusive value="0"/>
              <xs:maxInclusive value="9999"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ECMCertificateValidFrom" type="xs:date">
    <xs:annotation>
      <xs:documentation>Certificate valid from
date</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ECMCertificateValidTo" type="xs:date">
    <xs:annotation>
      <xs:documentation>Certificate valid to
date</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
      <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
      <xs:documentation>Certificate covers other wagons specialised
in transport of dangerous goods</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="ECMCertificateSuspended" type="xs:boolean">

```

	<pre> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage (defined in the InteropCapabilityCode): 01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid) 03 = RIV 05 = TEN 06 = TEN-GE 07 = TEN-CW 08 = TEN RIV</xs:documentation> </xs:annotation> </xs:element> <xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	<u>WagonIdent</u>
properties	minOcc 0 maxOcc 1 content simple

facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
annotation	<div>documentation</div> <div>For identification of a wagon after renumbering</div>									
source	<pre><xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element></pre>									


element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

diagram	<div><div>RegistrationCountry</div><div>ISO country code of registration country</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	CountryIdentISO									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<div>documentation</div> <div>ISO country code of registration country</div>									
source	<pre><xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element></pre>									

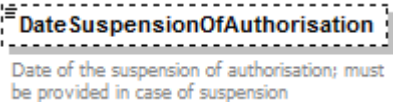
element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	xs:date						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
annotation	documentation End date for restricted authorisation (special case)						
source	<pre><xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element></pre>						

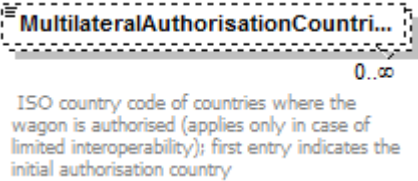
element RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
annotation	documentation Information if authorisation has been suspended by the authority
source	<pre><xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element></pre>

element RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation

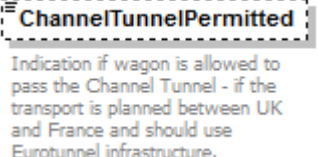
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of authorisation; must be provided in case of suspension
source	<pre><xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre>

element RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries

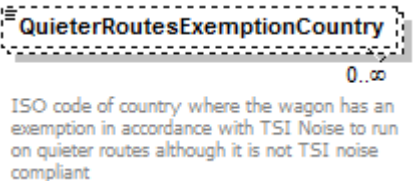
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	<u>CountryIdentISO</u>
properties	minOcc 0 maxOcc unbounded

	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country
source	<pre><xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element></pre>

element RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.
source	<pre><xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</xs:documentation> </xs:annotation> </xs:element></pre>

element RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry

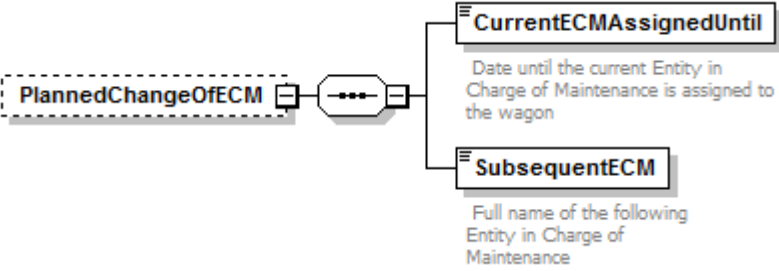
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2

	maxLength 2
annotation	documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant
source	<pre> <xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</xs:documentation> </xs:annotation> </xs:element> </pre>

element RollingStockDataset/AdministrativeDataSet/ECM

diagram	<div><div><div>ECM</div></div><div>Full name of the assigned Entity in Charge of Maintenance</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>maxLength</td><td>256</td><td></td></tr></tbody></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation Full name of the assigned Entity in Charge of Maintenance						
source	<pre><xs:element name="ECM"> <xs:annotation> <xs:documentation> Full name of the assigned Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="256"/> </xs:simpleType> </xs:element></pre>						

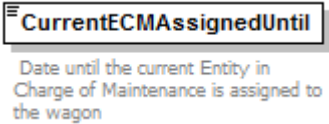
element RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
properties	<table border="1"> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table>	minOcc	0	maxOcc	1	content	complex
minOcc	0						
maxOcc	1						
content	complex						

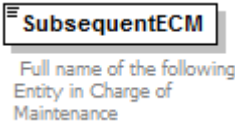
children	CurrentECMAssignedUntil SubsequentECM
source	<pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="256"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<pre> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	restriction of xs:string		
properties	content	simple	
facets	Kind maxLength	Value 256	Annotation
annotation	documentation Full name of the following Entity in Charge of Maintenance		
source	<pre><xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="256"/> </xs:simpleType> </xs:element></pre>		

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended
annotation	documentation

	ECM certificate information
source	<pre> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </pre>

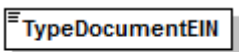
	<pre> </xs:annotation> </xs:element> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	CountryCodeISO TypeDocumentEIN CounterAcrcditedRecognizedBo... EINYear EINCounter
annotation	<p>documentation</p> <p>ECM certificate reference number</p> <p>NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p>
source	<pre> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </pre>

	<pre> </xs:element> <xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

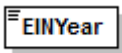
element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN

diagram	 <p>Code List Candidate: 31, 34</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Numeric2-2		
properties	content simple		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
annotation	documentation Code List Candidate: 31, 34		
source	<pre><xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element></pre>		

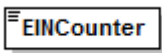
element
RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognized Body

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric2-2									
properties	content simple									
facets	<table><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	<xs:element name="CounterAccreditedRecognizedBody" type="Numeric2-2"/>									

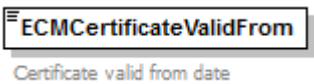
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Numeric2-2		
properties	content simple		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<xs:element name="EINYear" type="Numeric2-2"/>		

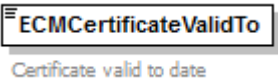
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content simple		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999	
source	<pre><xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		


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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
annotation	documentation Certificate valid from date
source	<pre> <xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element> </pre>


element RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo

diagram	 <p>ECMCertificateValidTo</p> <p>Certificate valid to date</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
annotation	documentation Certificate valid to date
source	<pre><xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element></pre>

element
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods


diagram	 <p>CoversTankWagonsForDangerousGoods</p> <p>Certificate covers tank wagons for dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre><xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

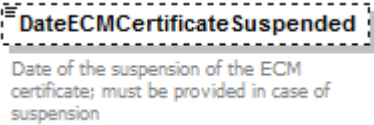
diagram	 <p>CoversNonTankWagonsForDangerousGoods</p> <p>Certificate covers other wagons specialised in transport of dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre><xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation></pre>

	<pre> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element> </pre>
--	--

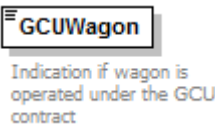
element RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason
source	<pre> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> </pre>

element RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the suspension of the ECM certificate; must be provided in case of suspension
source	<pre> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> </pre>

element RollingStockDataset/AdministrativeDataSet/GCUWagon

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract
source	<pre><xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element></pre>

children	LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase CouplingType BufferType NormalLoadingGauge MinCurveRadius MinVerticalRadiusYardHump WagonWeightEmpty LengthOverBuffers MaxAxleWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection
source	<pre> <xs:element name="DesignDataSet"> <xs:complexType> <xs:sequence> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> <xs:element ref="NumberOfBogies" minOccurs="0"> <xs:annotation> <xs:documentation>Number of bogies for a wagon (applies for bogie wagons only)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BogiePitch" minOccurs="0"/> <xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> </pre>

```

<xs:documentation>Largest distance between two adjacent bogie
pitches in mm</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent axles in
mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Classification of buffer. The following values
are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130),
L2 (150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation> Minimum allowed curve radius due to design
characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons and
additional/country specific) can be specified by providing the element several
times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no load
table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>

```

specific	<pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product load table</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the panel</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
folding	<pre> <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 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 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 values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line </pre>

```

category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
            <xs:totalDigits value="4"/>
            <xs:fractionDigits value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
    <xs:annotation>
        <xs:documentation>Characteristics of hand brake</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
    <xs:element name="BrakeBlock" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Characteristics of brake
blocks</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="BrakeBlockName" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Name of the brake block type, including the
length in mm</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:maxLength value="256"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Date of composite brake block installation,
for originally equipped wagon = date put into service</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>

```

```

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

```

```

    <xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2">
      <xs:annotation>
        <xs:documentation>Number of specified accessory equipped on
the          wagon</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element          ref="LoadingCapacity"          minOccurs="0"/>
<xs:element          ref="MaxGrossWeight">
  <xs:annotation>
    <xs:documentation>Weight of max Gross Load Weight plus the tare
weight    of    the    equipment    in    kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Indication if tank wagon is equipped with a vapour
return    system</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element          ref="FerryPermittedFlag"          minOccurs="0">
  <xs:annotation>
    <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element          name="FerryRampAngle"          minOccurs="0">
  <xs:annotation>
    <xs:documentation>Maximum allowed angle of the ferry ramp (in
grades:    °)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction          base="xs:decimal">
      <xs:totalDigits          value="3"/>
      <xs:fractionDigits          value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element          name="TemperatureRange"          minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:annotation>
        <xs:documentation>Temperature          Range</xs:documentation>
      </xs:annotation>
      <xs:element          ref="MaxTemp"/>
      <xs:element          ref="MinTemp"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element          ref="TechnicalForwardingRestrictions"          minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Restrictions relevant to wagon operations in
train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType,
according to 920-13: annotation will carry the information that only


```

	<p>the technical parameters are allowed to be used here. Only the code numbers should be in the annotation</p> <pre> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date of putting into service</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OverhaulValidityPeriod"/> <xs:element ref="PermittedTolerance"/> <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element RollingStockDataset/DesignDataSet/LetterMarking

diagram	<div><div>LetterMarking</div><p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	<p>documentation</p> <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
source	<pre><xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438- 2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="20"/> </xs:simpleType> </xs:element></pre>						


element **RollingStockDataset/DesignDataSet/TankCode**

diagram	<div></div> <p>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>20</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	<p>documentation</p> <p>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</p>						
source	<pre><xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="20"/> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/DesignDataSet/WheelSetType**

diagram	<div><div><div>WheelSetType</div><div>Type name of the wheel sets, and the name of the type depends on the manufacturer.</div></div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table><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	<div>documentation</div> <div>Type name of the wheel sets, and the name of the type depends on the manufacturer.</div>						
source	<pre><xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

diagram	 <p>Largest distance between two adjacent bogie pitches in mm</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Largest distance between two adjacent bogie pitches in mm									
source	<pre><xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

diagram	<div><div><div>InnerWheelbase</div></div><p>Maximum distance between two adjacent axes in mm</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric1-5									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Maximum distance between two adjacent axes in mm									
source	<pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axes in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/BufferType**

diagram	<div><div><div>BufferType</div></div><div>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)</div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>
facets	<div><div>Kind</div><div>Value</div><div>Annotation</div></div> <div><div>maxLength</div><div>256</div></div>
annotation	<div>documentation</div> <div>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)</div>
source	<pre><xs:element name="BufferType" minOccurs="0"> <xs:annotation> <xs:documentation> Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable**

diagram	<p>LoadTable 0..∞</p> <p>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p> <p>LoadTableProduct 0..∞</p> <p>Product description, only applies for product-specific load tables</p> <p>LoadTableCountry 0..∞</p> <p>ISO country code of countries for additional load tables</p> <p>SpeedCategory 1..∞</p> <p>Numeric speed in load table, without speed empty in km/h</p> <p>LoadTableStars 1..∞</p> <p>Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p> <p>RouteClassPayloads 1..∞</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc unbounded content complex
children	LoadTableProduct LoadTableCountry SpeedCategory LoadTableStars RouteClassPayloads
annotation	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).
source	<pre><xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively.</pre>

For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).

```

</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="LoadTableProduct" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ProductUNCode" type="Numeric4-4">
            <xs:annotation>
              <xs:documentation>UN code of product if product specific load table</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="ProductRIDName">
            <xs:annotation>
              <xs:documentation>RID product name as written on the folding panel</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string" value="256"/>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>ISO country code of countries for additional load tables</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Number of load table stars. Currently recognized values/codes:
        1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions
        2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions
        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
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

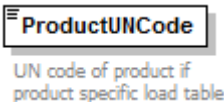
	<p>an automatic load-proportional braking system.</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element <xs:element name="MaxPayload" maxOccurs="unbounded" <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal" <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	ProductUNCode ProductRIDName
annotation	documentation Product description, only applies for product-specific load tables
source	<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> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric4-4									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0001</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation UN code of product if product specific load table									
source	<pre><xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element></pre>									

element RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName

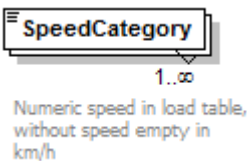
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>256</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	documentation RID product name as written on the folding panel						
source	<pre><xs:element name="ProductRIDName"></pre>						

	<pre> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

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

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	CountryIdentISO									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	unbounded	content	simple			
minOcc	0									
maxOcc	unbounded									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<div>documentation</div> <div>ISO country code of countries for additional load tables</div>									
source	<pre><xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for additional load tables</xs:documentation> </xs:annotation> </xs:element></pre>									

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

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric1-5									
properties	<table><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>unbounded</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	1	maxOcc	unbounded	content	simple			
minOcc	1									
maxOcc	unbounded									
content	simple									
facets	<table><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	<div>documentation</div> <div>Numeric speed in load table, without speed empty in km/h</div>									

source	<pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

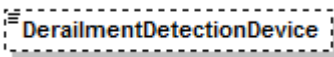
element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<p>RouteClass 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>MaxPayload Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 1 maxOcc unbounded content complex
children	RouteClass MaxPayload
source	<pre><xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload

diagram	<div><div><div>MaxPayload</div><div>1..∞</div></div><p>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	minOcc 1 maxOcc unbounded content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>totalDigits</td><td>4</td><td></td></tr><tr><td>fractionDigits</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	documentation Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory									
source	<pre><xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

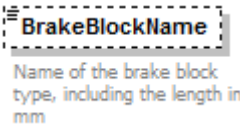
element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	DerailmentDetectionDevice												
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple						
minOcc	0												
maxOcc	1												
content	simple												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><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></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><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></pre>												

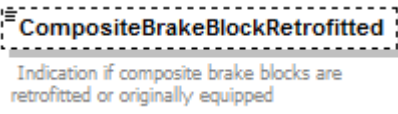
element **RollingStockDataset/DesignDataSet/BrakeBlock**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate
annotation	documentation Characteristics of brake blocks
source	<pre> <xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation> <xs:documentation>Characteristics of brake blocks</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="256"/> </xs:simpleType> </xs:element> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>


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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
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><xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" value="256"/> </xs:simpleType> </xs:element></pre>

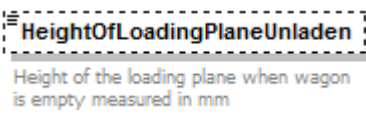
element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
source	<pre> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> </pre>

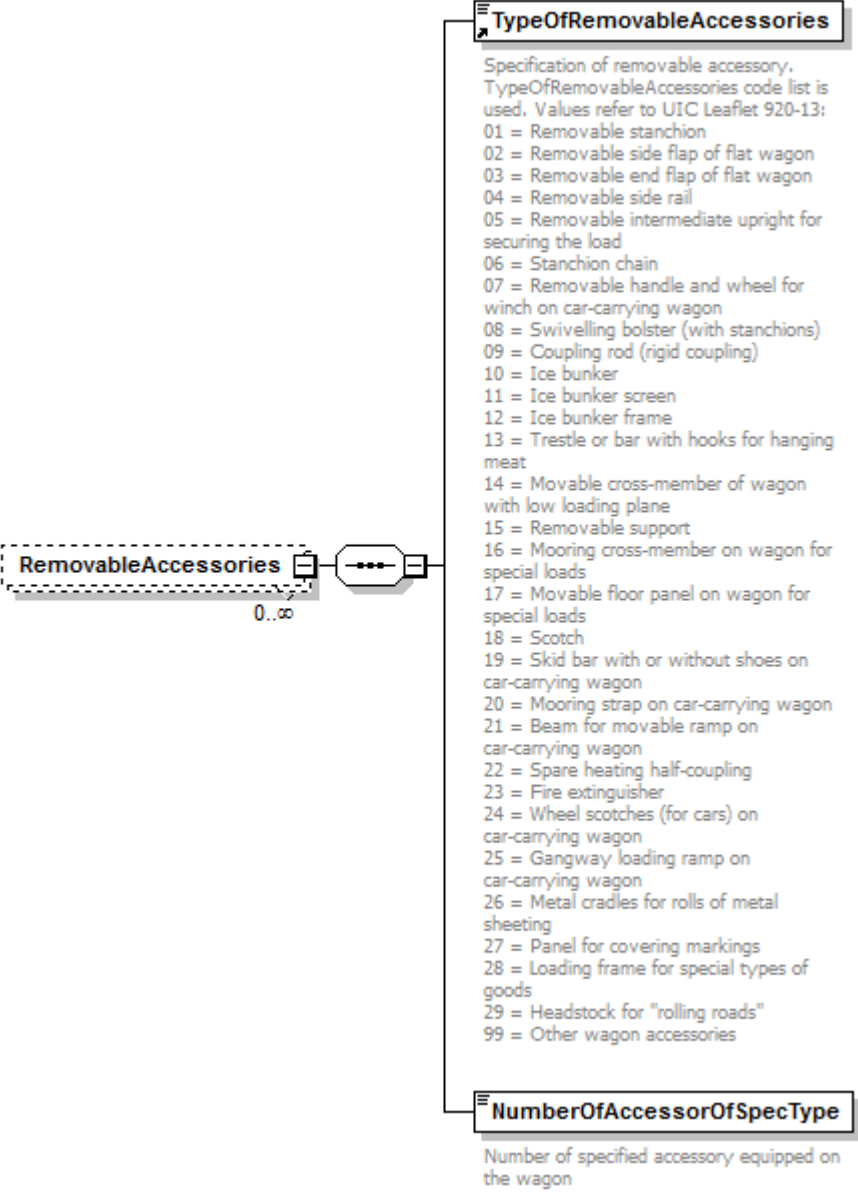
element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of composite brake block installation, for originally equipped wagon = date put into service
source	<pre> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><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 Height of the loading plane when wagon is empty measured in mm									
source	<pre><xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Height of the loading plane when wagon is empty measured in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

diagram	 <p>TypeOfRemovableAccessories</p> <p>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories <p>NumberOfAccessoriesOfSpecType</p> <p>Number of specified accessory equipped on the wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfRemovableAccessories NumberOfAccessoriesOfSpecType
source	<pre><xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail </pre>

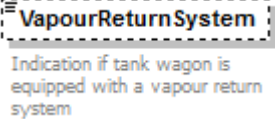
05	=	Removable	intermediate	upright	for	securing	the	load
06		=		Stanchion				chain
07	=	Removable	handle	and	wheel	for	winch	on
08		=	Swivelling	bolster		(with	stanchions)	car-carrying
09		=	Coupling	rod		(rigid	coupling)	wagon
10		=		Ice				bunker
11		=		Ice		bunker		screen
12		=		Ice		bunker		frame
13	=	Trestle	or	bar	with	hooks	for	hanging
14	=	Movable	cross-member	of	wagon	with	low	loading
15		=		Removable				support
16	=	Mooring	cross-member	on	wagon	for	special	loads
17	=	Movable	floor	panel	on	wagon	for	special
18		=						Scotch
19	=	Skid	bar	with	or	without	shoes	on
20		=	Mooring	strap	on			car-carrying
21	=	Beam	for	movable	ramp	on		wagon
22		=	Spare	heating				half-coupling
23		=		Fire				extinguisher
24	=	Wheel	scotches	(for	cars)	on		car-carrying
25	=	Gangway	loading	ramp	on			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>								

element RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType

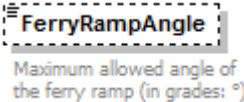
diagram	<div><div><div>☰</div><div>NumberOfAccessorOfSpecType</div></div><div>Number of specified accessory equipped on the wagon</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric2-2									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>01</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	documentation Number of specified accessory equipped on the wagon									
source	<xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation>									

	<pre> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </pre>
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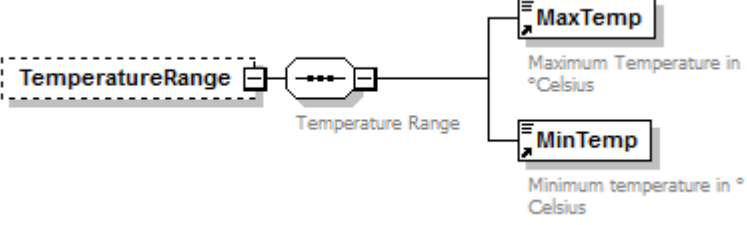
element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system
source	<pre> <xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element> </pre>

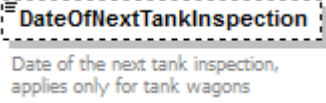
element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>totalDigits</td><td>3</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	totalDigits	3		fractionDigits	2	
Kind	Value	Annotation								
totalDigits	3									
fractionDigits	2									
annotation	documentation Maximum allowed angle of the ferry ramp (in grades: °)									
source	<pre><xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="3"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	MaxTemp MinTemp
source	<pre> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons
source	<pre> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDatasetMessage**

diagram	<pre> sequenceDiagram participant RSDM as RollingStockDatasetMessage RSDM-->> MH as MessageHeader MH-->> RSD as RollingStockDataset RSD-->> RW as RefusedWagonNumbers </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader RollingStockDataset RefusedWagonNumbers
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDatasetMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc unbounded content complex
children	WagonNumberFreight RefusalCode KeeperShortNameVKM
source	<pre> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDatasetQueryMessage**

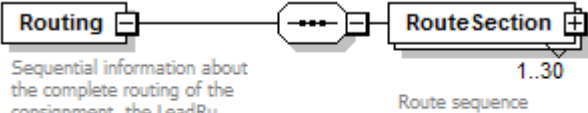
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> </pre>

	<pre> <xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RouteInformation**

diagram	<div><div><div>RouteInformation</div></div><div>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	<div>documentation</div> <div>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</div>									
source	<pre><xs:element name="RouteInformation" type="FreeText"> <xs:annotation> <xs:documentation>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</xs:documentation> </xs:annotation> </xs:element></pre>									

element **Routing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	RouteSection
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	<pre> <xs:element name="Routing"> <xs:annotation> <xs:documentation>Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> </pre>

```

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

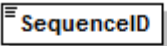
```

element **Routing/RouteSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 1 maxOcc 30 content complex
children	SequenceID RouteCode RouteText
annotation	documentation Route sequence
source	<pre> <xs:element name="RouteSection" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </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/2.5
type	xs:int
properties	content simple
annotation	documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.
source	<pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Routing/RouteSection/RouteCode**

diagram	<div><div><div>RouteCode</div><div>Route code (International RouteCode)</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>length</td><td>5</td><td></td></tr><tr><td>pattern</td><td>\d*[1-9]\d*0</td><td></td></tr></tbody></table>	Kind	Value	Annotation	length	5		pattern	\d*[1-9]\d*0	
Kind	Value	Annotation								
length	5									
pattern	\d*[1-9]\d*0									
annotation	documentation Route code (International RouteCode)									
source	<pre><xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element **Routing/RouteSection/RouteText**


diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>80</td><td></td></tr></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><xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RP_Code**

diagram	<div><div><div>RP_Code</div></div><div>Routing point code of the production station of the acceptance or delivery point.</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	content simple						
used by	element ProductionStation						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>5</td><td></td></tr></table>	Kind	Value	Annotation	length	5	
Kind	Value	Annotation					
length	5						
annotation	<div>documentation</div> <div>Routing point code of the production station of the acceptance or delivery point.</div>						
source	<pre><xs:element name="RP_Code"> <xs:annotation> <xs:documentation>Routing point code of the production station of the acceptance or delivery point.</xs:documentation> </xs:annotation></pre>						

	<pre> <xs:simpleType> <xs:restriction <xs:length </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="5"/> </pre>
--	--	--

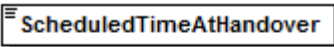
element **RU_Partner**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	CompanyCode												
properties	content simple												
used by	elements ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments												
facets	<table><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 colspan="2">[0-9A-Z]{4}</td></tr></tbody></table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation Railway Undertaking												
source	<pre><xs:element name="RU_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>												

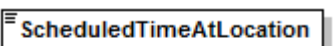
element **ScheduledDateTimeAtTransfer**

diagram	<div><div><div>ScheduledDateTimeAtTransfer</div></div><p>The scheduled arrival at destination date and time or the scheduled outgoing transfer date and time at the border between two different IMs.</p></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The scheduled arrival at destination date and time or the scheduled outgoing transfer date and time at the border between two different IMs.
source	<xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled arrival at destination date and time or the scheduled outgoing transfer date and time at the border between two different

element ScheduledTimeAtHandover

diagram	 <p>The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element OperationalTrainNumberIdentifier
annotation	documentation The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.
source	<pre><xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time at the border between two different IMs.</xs:documentation> </xs:annotation> </xs:element></pre>

element ScheduledTimeAtLocation

diagram	 <p>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<pre><xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</xs:documentation> </xs:annotation> </xs:element></pre>

element **Seals**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	NumberOfSeals SealsDescription
used by	elements ITU Details Wagons/WagonDetails
annotation	documentation Describes the seals used for the consignment
source	<pre> <xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Seals/NumberOfSeals**

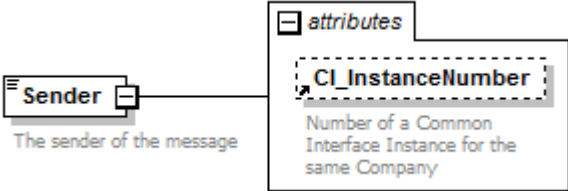
diagram	<div><div><div>☰</div><div>NumberOfSeals</div></div><p>Number of the seals attached by the original consignor.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>totalDigits</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		totalDigits	2	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	2									
annotation	documentation Number of the seals attached by the original consignor.									
source	<pre><xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Seals/SealsDescription**


diagram	<div><div><div>SealsDescription</div><div>0..10</div><div>Additional information of the original consignor regarding the attached seals.</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 10 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>10</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation Additional information of the original consignor regarding the attached seals.									
source	<pre><xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<div></xs:simpleType> </xs:element></div>
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element **Sender**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5					
type	extension of CompanyCode					
properties	content	complex				
used by	element	MessageHeader				
facets	Kind	Value	Annotation			
	minLength	4				
	maxLength	4				
	pattern	[0-9A-Z]{4}				
attributes	Name	Type	Use	Default	Fixed	Annotation
	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface Instance for the same Company
annotation	documentation The sender of the message					
source	<pre><xs:element name="Sender"> <xs:annotation> <xs:documentation>The sender of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode" ref="CI_InstanceNumber"/> <xs:attribute /> </xs:simpleContent> </xs:complexType> </xs:element></pre>					

element **SenderReference**

diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5					
type	FreeText					
properties	content	simple				
used by	element	MessageHeader				

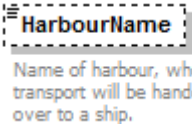
facets	Kind minLength maxLength	Value 1 255	Annotation
annotation	documentation reference used by the sender (e.g. FTP file name)		
source	<pre><xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element></pre>		

element Ship

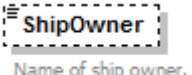
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	elements ITU Details Wagons/WagonDetails
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre><xs:element name="Ship"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselIndication"/> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation></pre>

	<pre> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element Ship/HarbourName

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>35</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	documentation Name of harbour, where the transport will be handed over to a ship.									
source	<pre><xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element Ship/ShipOwner

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minLength	1	


	maxLength 35
annotation	documentation Name of ship owner.
source	<pre> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **SpecialTreatments**


diagram	<pre> classDiagram class SpecialTreatments { RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location } class RU_Partner { "Railway Undertaking dedicated to fulfill the special treatment" } class SpecialTreatmentCode { "Special Treatment code" } class SpecialTreatmentInformation { "Additional Text for codes with free text" } class Location { "Identifies a Location using a LocationIdent" } SpecialTreatments --> RU_Partner SpecialTreatments --> SpecialTreatmentCode SpecialTreatments --> SpecialTreatmentInformation SpecialTreatments --> Location </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location
used by	elements ConsignmentOrderMessage/COMS/COM WIMO Dataset/ConsignmentLevelData
annotation	documentation Special treatment
source	<pre> <xs:element name="SpecialTreatments"> <xs:annotation> <xs:documentation>Special treatment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking dedicated to fulfill the treatment</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element SpecialTreatments/SpecialTreatmentCode

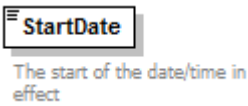
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:string						
properties	content simple						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	length	2	
Kind	Value	Annotation					
length	2						
annotation	documentation Special Treatment code						
source	<pre><xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>						

element SpecialTreatments/SpecialTreatmentInformation


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 40
annotation	documentation Additional Text for codes with free text
source	<pre> <xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element StartDate

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:date
properties	content simple
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType ValidityPeriod
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDate" type="xs:date"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre>

element StartDateTime

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	elements RequestedPeriod RequestedTimeframe ValidityPeriod
annotation	documentation The start of the date/time in effect
source	<pre> <xs:element name="StartDateTime" type="xs:dateTime"> </pre>

	<pre><xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>
--	---

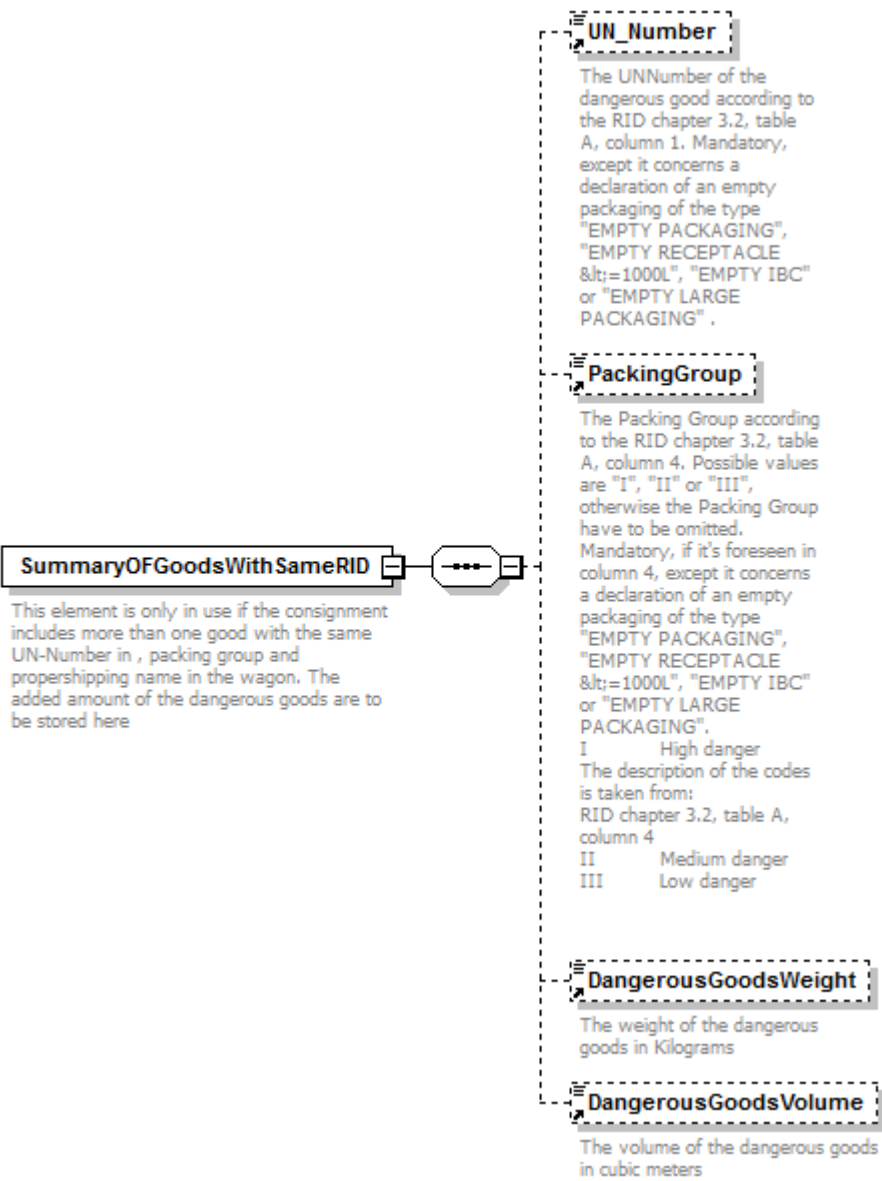
element **StartLocation**

diagram	<p>The diagram illustrates the structure of the StartLocation element. It is a complex type containing four child elements: CountryCodeISO, LocationPrimaryCode, PrimaryLocationName, and LocationSubsidiaryIdentification. The CountryCodeISO element is described as "Identifies a County or State by code (ISO 3166-1)". The LocationPrimaryCode element is described as "Location Name in an offication language of the Country using the ISO Unicode alphabet". The PrimaryLocationName element is described as "Code, Name and allocation company of Subsidiary Location". The LocationSubsidiaryIdentification element is described as "Code, Name and allocation company of Subsidiary Location".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Starting point of section or segment
source	<pre><xs:element name="StartLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Starting point of section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **Station**

diagram	<p>The diagram illustrates the 'Station' element as an extension of the 'LocationIdent' base type. The 'Station' element is represented by a rectangle with a small square icon. It is connected by a solid line to a dashed-line rectangle labeled 'LocationIdent (extension)'. Inside this dashed rectangle, four child elements are listed: 'CountryCodeISO' (with a small square icon), 'LocationPrimaryCode' (with a small square icon), 'PrimaryLocationName' (with a small square icon and a dashed border), and 'LocationSubsidiaryIdentification' (with a small square icon and a dashed border). Each child element has a brief description below it.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
annotation	documentation Details of station serving the point
source	<pre><xs:element name="Station"> <xs:annotation> <xs:documentation>Details of station serving the point</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element></pre>

element **SummaryOfGoodsWithSameRID**

diagram	 <p>SummaryOfGoodsWithSameRID</p> <p>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</p> <p>UN_Number</p> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</p> <p>PackingGroup</p> <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>I High danger The description of the codes is taken from: RID chapter 3.2, table A, column 4</p> <p>II Medium danger III Low danger</p> <p>DangerousGoodsWeight</p> <p>The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume</p> <p>The volume of the dangerous goods in cubic meters</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	UN_Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume
used by	elements ITU RollingRoadUnit Wagons
annotation	<p>documentation</p> <p>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</p>
source	<pre> <xs:element name="SummaryOfGoodsWithSameRID"> <xs:annotation> <xs:documentation>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="UN_Number" minOccurs="0"/> </pre>

	<pre><xs:element ref="PackingGroup" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DangerousGoodsVolume" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>
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element TechnicalForwardingRestrictions

diagram	<p>TechnicalForwardingRestrictions</p> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p>F = Freight P = Passenger T = Technical D = Damage L = Load</p> <p>Code F or P Description</p> <p>T</p> <p>D L Shunt only when hand brake operable with ground staff</p> <p>11 F Wagon other than bogie wagon with wheelbase of more than 9 metres</p> <p>12 F Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</p> <p>13 F Bogie wagon with distance between wheels of more than 17,50 metres</p> <p>15 F Wagon not allowed over the hump</p> <p>16 F Do not fly shunt or gravity shunt (3 red triangles)</p> <p>18 F Must not use active braking equipment</p> <p>25 F Gas carrying tank wagon with orange side stripe</p> <p>41 F Place this wagon at the front of the train</p> <p>42 F Place this wagon at the rear of the train</p> <p>63 F (+P) Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one</p> <p>70 F Shunt with care (1 red triangle)</p> <p>71 F Shunt with special care (2 red triangle)</p> <p>94 F Gas carrying wagon without orange side stripe</p> <p>x</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	RestrictionCodes

properties	content simple		
used by	element RollingStockDataset/DesignDataSet		
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	18	
	enumeration	25	
	enumeration	30	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
	enumeration	35	
	enumeration	36	
	enumeration	37	
	enumeration	38	
	enumeration	39	
	enumeration	41	
	enumeration	42	
	enumeration	50	
	enumeration	52	
	enumeration	62	
	enumeration	63	
	enumeration	68	
	enumeration	70	
	enumeration	71	
	enumeration	90	
	enumeration	91	
enumeration	92		
enumeration	94		
enumeration	99		
annotation	documentation		
	This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.		
	P	=	F = Freight Passenger
	T	=	Technical
	D	=	Damage
	L	=	Load
	Code	F or P	Description

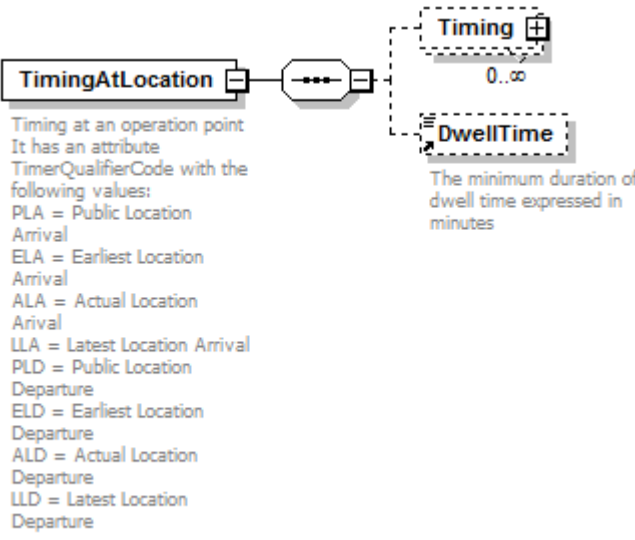
	07	F	Shunt only when hand brake operable with ground staff	x	x
	11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres		
	12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres	x	
	13	F	Bogie wagon with distance between wheels of more than 17,50 metres		
	15	F	Wagon not allowed over the hump		
	16	F	Do not fly shunt or gravity shunt (3 red triangles)		
	18	F	Must not use active braking equipment	x	x
	25	F	Gas carrying tank wagon with orange side stripe		
	41	F	Place this wagon at the front of the train		
	42	F	Place this wagon at the rear of the train		
	63 one 70	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned	x	x
	70	F	Shunt with care (1 red triangle)		
	71	F	Shunt with special care (2 red triangle)		
	94	F	Gas carrying wagon without orange side stripe		
					x
source	<p><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"></p> <p><xs:annotation></p> <p><xs:documentation>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load-</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 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>P = Passenger</p> <p>T = Technical</p> <p>D = Damage</p> <p>L = Load</p>				

Code	F or P	Description
07	F	Shunt only when hand brake operable with ground staff
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
13	F	Bogie wagon with distance between wheels of more than 17,50 metres
15	F	Wagon not allowed over the hump
16	F	Do not fly shunt or gravity shunt (3 red triangles)
18	F	Must not use active braking equipment
25	F	Gas carrying tank wagon with orange side stripe
41	F	Place this wagon at the front of the train
42	F	Place this wagon at the rear of the train
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one
70	F	Shunt with care (1 red triangle)
71	F	Shunt with special care (2 red triangle)
94	F	Gas carrying wagon without orange side stripe
</xs:documentation> </xs:annotation> </xs:element>		

element **TimetableYear**

diagram	<div><div><div>TimetableYear</div></div><div>Refers to the timetable period in which the business will be carried out</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	complexType CompositIdentifierOperationalType CompositIdentifierPlannedType									
facets	<table><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><xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TimingAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex


children	Timing DwellTime																																			
used by	element PlannedJourneyLocation																																			
annotation	<div>documentation</div> <div>Timing at an operation point</div> <div>It has an attribute TimerQualifierCode with the following values:</div> <table><tr><td>PLA</td><td>=</td><td>Public</td><td>Location</td><td>Arrival</td></tr><tr><td>ELA</td><td>=</td><td>Earliest</td><td>Location</td><td>Arrival</td></tr><tr><td>ALA</td><td>=</td><td>Actual</td><td>Location</td><td>Arrival</td></tr><tr><td>LLA</td><td>=</td><td>Latest</td><td>Location</td><td>Arrival</td></tr><tr><td>PLD</td><td>=</td><td>Public</td><td>Location</td><td>Departure</td></tr><tr><td>ELD</td><td>=</td><td>Earliest</td><td>Location</td><td>Departure</td></tr><tr><td>ALD</td><td>=</td><td>Actual</td><td>Location</td><td>Departure</td></tr></table> <div>LLD = Latest Location Departure</div>	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
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																																
source	<pre><xs:element name="TimingAtLocation"> <xs:annotation> <xs:documentation>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location 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 Departure </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> <xs:element ref="DwellTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>																																			

element **TimingAtLocation/Timing**

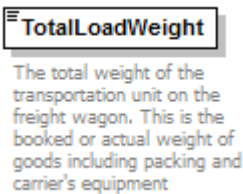
diagram						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5					
properties	minOcc	0	maxOcc	unbounded	content	complex
children	Time Offset BookedLocationDateTime					
attributes	Name	Type	Use	Default	Fixed	Annotation documentation
	TimingQualifierCode	derived by: xs:token				PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure
source	<pre><xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence></pre>					

	<pre> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element> </pre>
--	---

element **TimingAtLocation/Timing/Time**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of xs:time
properties	content complex
annotation	documentation hh:mm:ss
source	<pre> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **TotalLoadWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	<u>WeightValueKilo</u>

properties	content simple		
used by	element WagonOperationalData		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment		
source	<pre><xs:element name="TotalLoadWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element></pre>		

element TotalWeight

diagram	<div><div><div>TotalWeight</div></div><div>Total weight of the loaded wagon [kg].</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/WagonDetails WagonInformation												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr><tr><td>whiteSpace</td><td>collapse</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	documentation Total weight of the loaded wagon [kg].												
source	<pre><xs:element name="TotalWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loaded wagon [kg]. </xs:documentation> </xs:annotation> </xs:element></pre>												

element **TractionDetails**

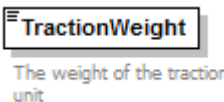
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	LocoTypeNumber TractionMode TractionWeight Length
used by	element PlannedTrainTechnicalData
annotation	documentation Defines the design series, mode of deployment and technical specifications associated with the traction of a train.
source	<pre> <xs:element name="TractionDetails"> <xs:annotation> <xs:documentation>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocoTypeNumber"/> <xs:element ref="TractionMode"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction unit within a train</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in millimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>

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

element **TractionPositionInTrain**

diagram	<div><div><div>TractionPositionInTrain</div></div><div>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection/Locoldent									
facets	<table><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	<div>documentation</div> <div>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</div>									
source	<pre><xs:element name="TractionPositionInTrain"> <xs:annotation> <xs:documentation>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TractionWeight**

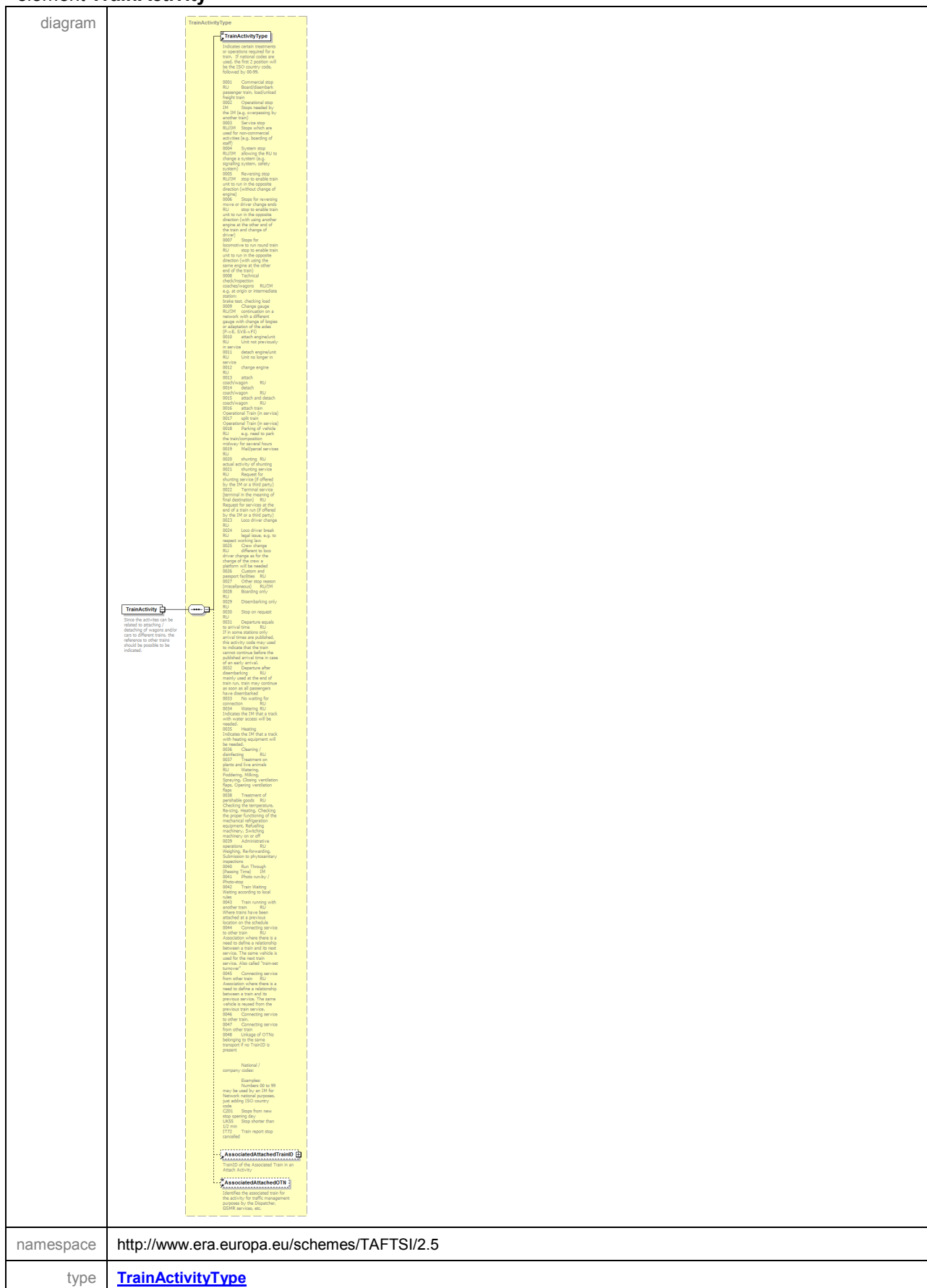
diagram	 <p>The weight of the traction unit</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	WeightValueTonne									
properties	content simple									
used by	element TractionDetails									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><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 weight of the traction unit									
source	<xs:element name="TractionWeight" type="WeightValueTonne"> <xs:annotation>									

	<pre><xs:documentation>The weight of the traction unit</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **TrafficType**

diagram	<div><div><div>TrafficType</div></div><div>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedTrainData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	2	
Kind	Value	Annotation								
minLength	1									
maxLength	2									
annotation	documentation information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)									
source	<pre><xs:element name="TrafficType"> <xs:annotation> <xs:documentation>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainActivity**



properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN
used by	elements TrainRunningData/Activities PlannedJourneyLocation
annotation	documentation Since the activites can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.
source	<pre><xs:element name="TrainActivity" type="TrainActivityType"> <xs:annotation> <xs:documentation>Since the activites can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</xs:documentation> </xs:annotation> </xs:element></pre>

diagram

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, 00.

[illegible]

type	restriction of xs:string
------	---------------------------------

properties	content	simple
used by	complexType	TrainActivityType
facets	Kind	Value Annotation
	minLength	4
	maxLength	4
annotation	documentation	<p>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99.</p> <p>0001 Commercial stop RU Board/disembark passenger train, freight train</p> <p>0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train)</p> <p>0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff)</p> <p>0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)</p> <p>0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine)</p> <p>0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver)</p> <p>0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train)</p> <p>0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load</p> <p>0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI)</p> <p>0010 attach engine/unit RU Unit not previously in service</p> <p>0011 detach engine/unit RU Unit no longer in service</p> <p>0012 change engine RU</p> <p>0013 attach coach/wagon RU</p> <p>0014 detach coach/wagon RU</p> <p>0015 attach and detach coach/wagon RU</p> <p>0016 attach train Operational Train (in service)</p> <p>0017 split train Operational Train (in service)</p> <p>0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours</p> <p>0019 Mail/parcel services RU</p> <p>0020 shunting RU actual activity of shunting</p> <p>0021 shunting service RU Request for shunting service (if offered by the IM or a third party)</p> <p>0022 Terminal service (terminal in the meaning of final destination) RU Request for services at the end of a train run (if offered by the IM or a third party)</p> <p>0023 Loco driver change RU</p> <p>0024 Loco driver break RU legal issue, e.g. to respect working law</p> <p>0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed</p> <p>0026 Custom and passport facilities RU</p> <p>0027 Other stop reason (miscellaneous) RU/IM</p> <p>0028 Boarding only RU</p> <p>0029 Disembarking only RU</p> <p>0030 Stop on request RU</p> <p>0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may used to indicate that the train cannot continue before the published arrival time in case of an early arrival.</p> <p>0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked</p> <p>0033 No waiting for connection RU</p> <p>0034 Watering RU Indicates the IM that a track with water access will be needed.</p> <p>0035 Heating RU Indicates the IM that a track with heating equipment will be needed.</p> <p>0036 Cleaning / disinfecting RU</p> <p>0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps</p> <p>0038 Treatment of perishable goods RU Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off</p> <p>0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections</p> <p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo run-by / Photo-stop</p> <p>0042 Train Waiting Waiting according to local rules</p> <p>0043 Train running with another train RU Where trains have been attached at a previous location on the schedule</p> <p>0044 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"</p> <p>0045 Connecting service from other train RU Association where there is a need to define a</p>

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

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-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off
 0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections
 0040 Run Through (Passing Time) IM
 0041 Photo run-by / Photo-stop
 0042 Train Waiting Waiting according to local rules
 0043 Train running with another train RU Where trains have been attached at a previous location on the schedule
 0044 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"
 0045 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service.
 0046 Connecting service to other train.
 0047 Connecting service from other train
 0048 Linkage of OTNs belonging to the same transport if no TrainID is present

National / company codes:

Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code
 CZ01 Stops from new stop opening day
 UK55 Stop shorter than 1/2 min
 IT72 Train report stop cancelled

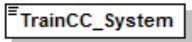
```
</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="4"/>
    <xs:maxLength value="4"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```


element **TrainAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay
used by	element TrainForecastAtReportingLocationMessage
annotation	documentation Specifies information about a train at a specific location
source	<pre> <xs:element name="TrainAtLocation"> <xs:annotation> <xs:documentation>Specifies information about a train at a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainLocationStatus"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="BookedLocationDateTime"/> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainDelay"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element **TrainCC_System**

diagram	<div>  <p>TrainCC_System</p> <p>Type of Train Control System. The following types are used:</p> <p>CCS TSI Class A:</p> <p>ETCS Level 0 ETCS Level NSC ETCS Level 1 ETCS Level 2 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) ETCS Level 3</p> <p>ERA/TD/2011-11, Class B:</p> <p>PZB LZB Crocodile TBL 1 TBL 2 TVM 430TBL1+ EBICAB 700 LS ZUB 123 ALSN ATP-VR/RHK KVB TVM 300 TVM 430 KVB KCVB NEXTEO DAAT EVM CAWS ATP BACC RSDD/SCMT SSC MEMOR II+ SHP PKP ASFA EBICAB 900 SELCAB SIGNUM ZUB ATB 1st Gen ATB Next Gen GW ATP RETB TPWS CIR 1 (traction unit is equipped with LZB CIR-ELKE I) CIR 2 (traction unit is equipped with LZB CIR-ELKE II) CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) EFA (all traction units/driving cab's of the train are equipped with an electronic drivers cab display (EFA))</p> <p>UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:</p> <p>91 ETCS L1 92 ETCS L2 51 PZB 3 LZB 22 KVB 52 EVM 11 ZUB 31 ATB 32 ATBNG</p> </div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:token

properties	content	simple								
used by	elements	PlannedTrainTechnicalData TrainRunningTechData								
annotation	documentation	<p>Type of Train Control System. The following types are used:</p> <p>CCS TSI Class A:</p> <p>ETCS Level 0</p> <p>ETCS Level NSC</p> <p>ETCS Level 1</p> <p>ETCS Level 2</p> <p>ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d)</p> <p>ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0)</p> <p>ETCS Level 3</p> <p>ERA/TD/2011-11, Class B:</p> <p>PZB</p> <p>LZB</p> <p>Crocodile</p> <p>TBL 1</p> <p>TBL 2</p> <p>TVM 430TBL1+</p> <p>EBICAB 700</p> <p>LS</p> <p>ZUB 123</p> <p>ALSN</p> <p>ATP-VR/RHK</p> <p>KVB</p> <p>TVM 300</p> <p>TVM 430</p> <p>KVBP</p> <p>KCVB</p> <p>NEXTEO</p> <p>DAAT</p> <p>EVM</p> <p>CAWS</p> <p>ATP</p> <p>BACC</p> <p>RSDD/SCMT</p> <p>SSC</p> <p>MEMOR II+</p> <p>SHP</p> <p>PKP</p> <p>ASFA</p> <p>EBICAB 900</p> <p>SELCAB</p> <p>SIGNUM</p> <p>ZUB</p> <p>ATB 1st Gen</p> <p>ATB Next Gen</p> <p>GW ATP</p> <p>RETB</p> <p>TPWS</p> <p>CIR 1 (traction unit is equipped with LZB CIR-ELKE I)</p> <p>CIR 2 (traction unit is equipped with LZB CIR-ELKE II)</p> <p>CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)</p> <p>EFA (all traction units/driving cab's of the train are equipped with an electronic drivers cab display (EFA))</p> <p>UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:</p> <p>91 ETCS L1</p> <p>92 ETCS L2</p> <p>51 PZB</p> <p>3 LZB</p> <p>22 KVB</p> <p>52 EVM</p> <p>11 ZUB</p> <p>31 ATB</p> <p>32 ATBNG</p>								

source	<code><xs:element name="TrainCC_System" type="xs:token"></code> <code><xs:annotation></code> <code><xs:documentation>Type of Train Control System. The following types are used:</code>		
	CCS	TSI	Class A:
	ETCS	Level	0
	ETCS	Level	NSC
	ETCS	Level	1
	ETCS	Level	2
	ETCS L2 SRS 2.3.0d	(traction unit is equipped with ETCS Level 2	2.3.0d)
	ETCS L2 SRS 3.3.0	(traction unit is equipped with	3.3.0)
	ETCS Level	2	version
	ETCS	Level	3
	ERA/TD/2011-11,	Class	B:
	PZB		
	LZB		
	Crocodile		
	TBL		1
	TBL		2
	TVM		430TBL1+
	EBICAB		700
	LS		
	ZUB		123
	ALSN		
	ATP-VR/RHK		
	KVB		
	TVM		300
	TVM		430
	KVBP		
	KCVP		
	KCVB		
	NEXTEO		
	DAAT		
	EVM		
	CAWS		
	ATP		
	BACC		
	RSDD/SCMT		
	SSC		
	MEMOR		II+
	SHP		
	PKP		
	ASFA		
	EBICAB		900
	SELCAB		
	SIGNUM		
	ZUB		
	ATB	1st	Gen
	ATB	Next	Gen
	GW		ATP
	RETB		
	TPWS		
	CIR 1	(traction unit is equipped with LZB CIR-ELKE I)	
	CIR 2	(traction unit is equipped with LZB CIR-ELKE II)	
	CIR 1+2	(traction unit is equipped with LZB CIR-ELKE I + II)	

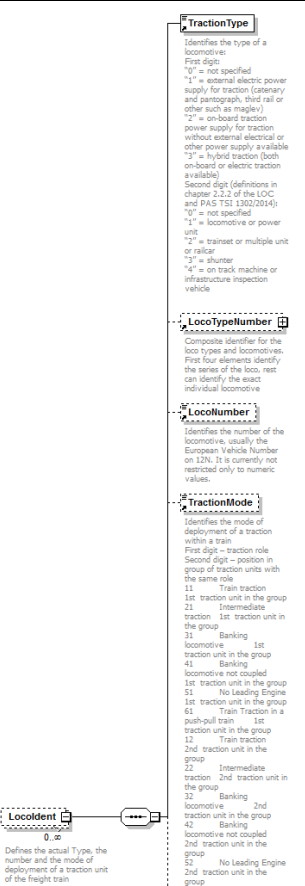
EFA	(all traction units/driving cab's of the train are equipped with an electronic drivers cab display (EFA))
UIC Leaflet 407-1 Codes (legacy) are covered in the ERA/TD/2011-11:	
91	ETCS L1
92	ETCS L2
51	PZB
3	LZB
22	KVB
52	EVM
11	ZUB
31	ATB
32	ATBNG
</xs:documentation>	
</xs:annotation>	
</xs:element>	

element **TrainCompositionJourneySection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	JourneySection TrainRunningData Locolident LivestockOrPeopleIndicator WagonData
used by	element TrainCompositionMessage
annotation	documentation Defines the make up of a train for each section of its journey

source	<pre> <xs:element name="TrainCompositionJourneySection"> <xs:annotation> <xs:documentation>Defines the make up of a train for each section of its journey</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySection"/> <xs:element ref="TrainRunningData"/> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="LivestockOrPeopleIndicator"/> <xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TrainCompositionJourneySection/Locoldent**

<p>diagram</p> 	<p>TractionType</p> <p>Identifies the type of a locomotive.</p> <p>First digit:</p> <ul style="list-style-type: none"> "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) <p>Second digit (definitions in chapter 2.2.2 of the IOC and PAS TSI 1302/2014):</p> <ul style="list-style-type: none"> "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>LocTypeLumber</p> <p>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, next can identify the exact individual locomotive</p> <p>Locolumber</p> <p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p> <p>TractionMode</p> <p>Identifies the mode of deployment of a traction unit 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>61 = Train Traction in a push-pull train 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>62 = Train Traction in a push-pull train 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>63 = Train Traction in a push-pull train 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>64 = Train Traction in a push-pull train 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>65 = Train Traction in a push-pull train 5th traction unit in the group</p> <p>16 = Train traction 6th traction unit in the group</p> <p>26 = Intermediate traction 6th traction unit in the group</p> <p>36 = Banking locomotive 6th traction unit in the group</p> <p>46 = Banking locomotive not coupled 6th traction unit in the group</p> <p>56 = No Leading Engine 6th traction unit in the group</p> <p>66 = Train Traction in a push-pull train 6th traction unit in the group</p> <p>DriverIndication</p> <p>0 = no driver present (in Loco, 1 = driver(s) is (are) present in Loco</p> <p>TractionPositionInTrain</p> <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	<p>minOcc 0</p> <p>maxOcc unbounded</p>

	content complex
children	TractionType <u>LocoTypeNumber</u> <u>LocoNumber</u> TractionMode <u>DriverIndication</u> <u>TractionPositionInTrain</u>
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train
source	<pre> <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainCompositionJourneySection/LocIdent/DriverIndication**

diagram	<div><div><div>DriverIndication</div><div>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	<div><div>minOcc</div><div>0</div></div> <div><div>maxOcc</div><div>1</div></div> <div><div>content</div><div>simple</div></div>									
facets	<table><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	<div>documentation</div> <div>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</div>									
source	<pre><xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"></pre>									

	<pre> <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="0"/> value="1"/> </pre>
--	---	--

element **TrainCompositionMessage**

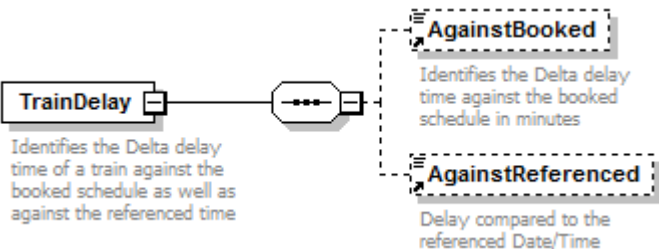
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainCompositionJourneySection
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.
source	<pre> <xs:element name="TrainCompositionMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM defining the composition of the proposed train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> </pre>

	<pre> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainContactDetails**

diagram	<div><div><div>☰</div><div>TrainContactDetails</div></div><p>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.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	CommunicationRefID									
properties	content simple									
used by	element TrainReadyMessage									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>70</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	<p>documentation</p> <p>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.</p>									
source	<pre><xs:element name="TrainContactDetails" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainDelay**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	AgainstBooked AgainstReferenced
used by	elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus
annotation	<p>documentation</p> <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p>
source	<pre> <xs:element name="TrainDelay"> </pre>

```

<xs:annotation>
  <xs:documentation>Identifies the Delta delay time of a train against the
booked schedule as well as against the referenced time </xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="AgainstBooked" minOccurs="0"/>
    <xs:element ref="AgainstReferenced" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Delay compared to the referenced
Date/Time</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **TrainDelayCauseMessage**

diagram	<p>TrainDelayCauseMessage</p> <p>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed</p> <ul style="list-style-type: none"> MessageHeader (+): Used for all messages MessageStatus (+): Assigned by the Sender 1=creation, 2=modification, 3=deletion TrainOperationalIdentification (+): (dashed box) OperationalTrainNumberIdentifier (+): (dashed box) ReferenceOTN (+): (dashed box) ResponsibleRU (+): RU Responsible for the physical operation of the train or wagon DelayEventReport (+): Provides the detailed information about a single delay event (Replaced DelayReasonReport) TransferPoint (+): Transfer point or station of destination in the considered network TransfereeIM (+): Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereeIM

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> <xs:element name="TrainDelayCauseMessage"> <xs:annotation> <xs:documentation>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="DelayEventReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element TrainForecastAtReportingLocationMessage

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus Location TrainAtLocation
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> <xs:element name="TrainForecastAtReportingLocationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location. </xs:documentation> </xs:annotation> <xs:complexType> </pre>

	<pre> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="Location"/> <xs:element ref="TrainAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **TrainID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ArrivalInterchangeReport DepartureInterchangeReport WagonInterchangeNoticeMessage WagonInterchangeSubNoticeMessage
source	<pre><xs:element name="TrainID" type="CompositIdentifierOperationalType"/></pre>

element **TrainInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation
used by	element PathRequestMessage
annotation	documentation Train information provided by the RUs as an overview for the entire train journey from origin to destination
source	<pre> <xs:element name="TrainInformation"> <xs:annotation> <xs:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Any operation point along a train journey</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be allways present. Applications have to provide the data accordingly. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainInformation/PathPlanningReferenceLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	<p>documentation</p> <p>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>
source	<pre> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	TrainJourneyModificationIndicator LocationModified
used by	element TrainJourneyModificationMessage
annotation	documentation This element shows which locations are changed during the running of a train
source	<pre> <xs:element name="TrainJourneyModification"> <xs:annotation> <xs:documentation>This element shows which locations are changed during the running of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainJourneyModificationIndicator"/> <xs:element ref="LocationModified" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModificationIndicator**

diagram	<div><div><div>TrainJourneyModificationIndicator...</div><div>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainJourneyModification									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99									
annotation	documentation This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
source	<pre><xs:element name="TrainJourneyModificationIndicator"> <xs:annotation> <xs:documentation>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

```

<xs:maxInclusive
  </xs:restriction>
</xs:simpleType>
</xs:element>
value="99"/>

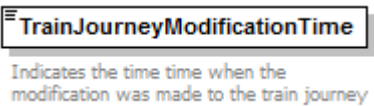
```

element **TrainJourneyModificationMessage**

diagram	<p>TrainJourneyModificationMess...</p> <p>This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p> <ul style="list-style-type: none"> MessageHeader (+): Used for all messages MessageStatus: Assigned by the Sender 1=Creation, 2=Modification, 3=deletion TrainOperationalIdentification (+) OperationalTrainNumberIdentifier (+) ReferenceOTN (+) TrainJourneyModification (+): 1..∞ This element shows which locations are changed during the running of a train ModificationReason: Identifies the reason for the train journey being modified TrainJourneyModificationTime: Indicates the time time when the modification was made to the train journey Remarks: 0..∞ Free Form Text TransferPoint (+): Transfer point or station of destination in the considered network where the Reference Train Numbers refers to InternalReferenceIdentifier: The link to the IM System Reference TransfereeIM: Next IM
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks

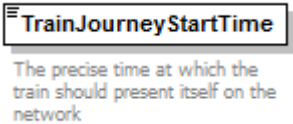
	TransferPoint InternalReferenceIdentifier TransfereeIM
annotation	documentation This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed
source	<pre> <xs:element name="TrainJourneyModificationMessage"> <xs:annotation> <xs:documentation> This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion</xs:documentation> </xs:annotation> </xs:sequence> </xs:complexType> </xs:element> </pre>

element TrainJourneyModificationTime

diagram	 <p>Indicates the time time when the modification was made to the train journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element TrainJourneyModificationMessage
annotation	documentation Indicates the time time when the modification was made to the train journey
source	<pre> <xs:element name="TrainJourneyModificationTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Indicates the time time when the modification was made to the train journey</xs:documentation> </xs:annotation> </xs:element> </pre>

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

element **TrainJourneyStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network
source	<pre><xs:element name="TrainJourneyStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The precise time at which the train should present itself on the network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainLength**

diagram	<div><div><div>TrainLength</div></div><div>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	Numeric4-4									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0001</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0001									
maxInclusive	9999									
annotation	documentation The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres									
source	<pre><xs:element name="TrainLength" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainLocationReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay
used by	elements TrainRunningForecastMessage TrainRunningInformationMessage
annotation	documentation Specifies the relevant running data of a train related to a specific location
source	<pre> <xs:element name="TrainLocationReport"> <xs:annotation> <xs:documentation>Specifies the relevant running data of a train related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="TrainDelay" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

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

element **TrainLocationStatus**

diagram	<div><div><div>TrainLocationStatus</div><div>Identifies the status of a train related to the actual time at a reporting point</div></div></div>				
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5				
type	RunningStatus				
properties	content	simple			
used by	elements	ChangeofTrackMessage	DelayEventReport	LocationModified	TrainAtLocation
		TrainLocationReport			
facets	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			
annotation	documentation	Identifies the status of a train related to the actual time at a reporting point			
source	<pre><xs:element name="TrainLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>				

element **TrainMaxSpeed**

diagram	<div><div><div>TrainMaxSpeed</div><div>The max. possible speed of a train in km/h</div></div></div>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Speed		
properties	content	simple	
used by	elements	PlannedTrainTechnicalData TrainRunningTechData	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation	The max. possible speed of a train in km/h	
source	<pre><xs:element name="TrainMaxSpeed" type="Speed"> <xs:annotation> <xs:documentation>The max. possible speed of a train in km/h</xs:documentation> </xs:annotation> </xs:element></pre>		

element **TrainNotAtInterruptionPoint**

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div><div></div></div></div></div><div>TrainNotAtInterruptionPoint</div></div><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></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainRunningInterruptionMessage									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	1	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	1									
annotation	documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet									
source	<pre><xs:element name="TrainNotAtInterruptionPoint"> <xs:annotation> <xs:documentation>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer" <xs:minInclusive value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **TrainOperationalIdentification**

diagram	<p>according to the new identifier structure, ObjectType has to be used to differ between train and path id</p> <p>according to the new identifier structure, ObjectType has to be used to differ between train and path id</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers
used by	elements ChangeofTrackMessage TrainAtLocation TrainDelayCauseMessage TrainJourneyModificationMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
source	<pre> <xs:element name="TrainOperationalIdentification"> <xs:complexType> <xs:sequence> <xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage**

<p>diagram</p>	<p>TrainReadyMessage</p> <p>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</p> <ul style="list-style-type: none"> MessageHeader Used for all messages Message Status Assigned by the Sender 1=creation, 2=modification, 3=deletion TransportOperationalIdentifiers 0..∞ OperationalTrainNumberIdentifi... ReferenceOTN ResponsibleRU RU Responsible for the physical operation of the train or wagon TrainContactDetails 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. TrainLocation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code TrainReadyStatus TransferPoint Transfer point or station of destination in the considered network where the Reference Train Numbers refers to TransfereeIM Next IM TrainStartTime The Date and Time at which the tain actually started the journey TrainReadyTime 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.
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime
annotation	documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.
source	<pre> <xs:element name="TrainReadyMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainContactDetails" minOccurs="0"/> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element 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 </pre>

ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation>

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

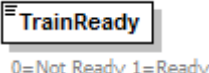
element **TrainReadyMessage/TrainLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code
source	<pre><xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainReadyMessage/TrainReadyStatus**

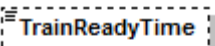
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	TrainReady TrainDelay DelayCause
source	<pre> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

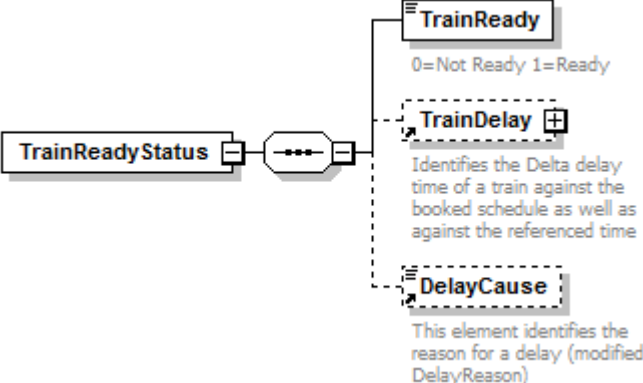
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>0</td><td></td></tr><tr><td>enumeration</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	<xs:element name="TrainReady">									

	<pre> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **TrainReadyMessage/TrainReadyTime**

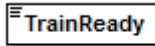
diagram	 <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
source	<pre> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainReadyStatus**

diagram	 <p>TrainReady 0=Not Ready 1=Ready</p> <p>TrainDelay ⊕ Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>DelayCause ⊕ This element identifies the reason for a delay (modified DelayReason)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

properties	content complex
children	TrainReady TrainDelay DelayCause
source	<pre> <xs:element name="TrainReadyStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainReadyStatus/TrainReady**

diagram	 <p>0=Not Ready 1=Ready</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	0	
	enumeration	1	
annotation	documentation 0=Not Ready 1=Ready		
source	<pre><xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **TrainRunningData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities
used by	element TrainCompositionJourneySection
annotation	documentation Train relevant data for a running train
source	<pre> <xs:element name="TrainRunningData"> <xs:annotation> <xs:documentation>Train relevant data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningData/Activities**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 99 content complex
children	TrainActivity ActivityLocationIdent
source	<pre> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
source	<pre> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </pre>

element **TrainRunningForecastMessage**

diagram	<p>TrainRunningForecastMessage</p> <p>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p> <p>MessageHeader Used for all messages</p> <p>MessageStatus Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> <p>TrainOperationalIdentification</p> <p>OperationalTrainNumberIdentifier</p> <p>ReferenceOTN</p> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>TrainLocationReport Specifies the relevant running data of a train related to a specific location</p> <p>TransferPoint Transfer point or station of destination in the considered network</p> <p>TransfereeIM Next IM</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	<p>documentation</p> <p>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p>
source	<pre> <xs:element name="TrainRunningForecastMessage"> <xs:annotation> <xs:documentation>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre>

	<pre> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainRunningInformationMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	documentation 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.
source	<pre><xs:element name="TrainRunningInformationMessage"></pre>

```

<xs:annotation>
  <xs:documentation>This message is issued upon 1) Arrrival, departure or
run-through in agreed reporting points and/or 2) Attainment of the agreed
initial running time and/or 3) A new divergence between nominal and actual
being achieved in excess of the agreed threshold value 4) as a response to
the EnquiryTrainsAtReportingLocationMessage. There will only be one train
reported per message and will include one response per train at a
location.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="MessageStatus">
      <xs:annotation>
        <xs:documentation>Assigned by the Sender 1=Creation,
2=Modification, 3=deletion</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
    <xs:element ref="OperationalTrainNumberIdentifier"/>
    <xs:element ref="ReferenceOTN" minOccurs="0"/>
    <xs:element ref="ResponsibleRU" minOccurs="0"/>
    <xs:element ref="TrainLocationReport"/>
    <xs:element ref="TransferPoint" minOccurs="0"/>
    <xs:element ref="TransfereeIM" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

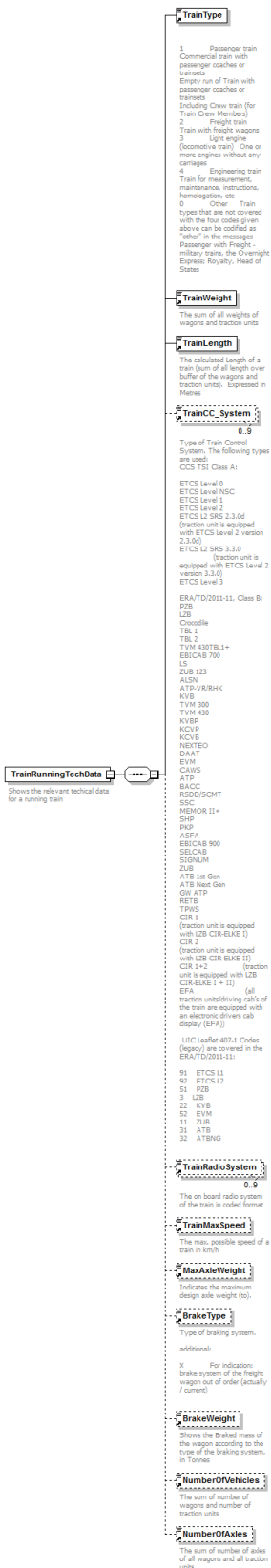
element **TrainRunningInterruptionMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainNotAtInterruptionPoint TransferPoint TransfereeIM
annotation	<p>documentation</p> <p>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>
source	<pre> <xs:element name="TrainRunningInterruptionMessage"> <xs:annotation> <xs:documentation>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<div><xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="InterruptionPoint"/> <xs:element ref="TrainNotAtInterruptionPoint" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></div>
--	---

element **TrainRunningTechData**

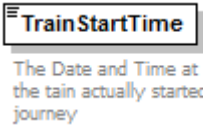
diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.5>

properties content complex

children	TrainType TrainWeight TrainLength TrainCC_System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakeWeight NumberOfVehicles NumberOfAxles
used by	element TrainRunningData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="TrainRunningTechData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element TrainStartTime

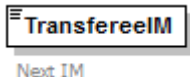
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
used by	element TrainReadyMessage
annotation	documentation The Date and Time at which the train actually started the journey
source	<pre> <xs:element name="TrainStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time at which the train actually started the journey</xs:documentation> </xs:annotation> </xs:element> </pre>

element TrainWeight

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of WeightValueTonne		
properties	content	simple	
used by	elements	PlannedTrainTechnicalData TrainRunningTechData	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation The sum of all weights of wagons and traction units		
source	<pre><xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne" <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element TransfereeIM

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	CompanyCode		
properties	content	simple	
used by	elements	ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
	pattern	[0-9A-Z]{4}	
annotation	documentation	Next IM	
source	<pre><xs:element name="TransfereeIM" type="CompanyCode"> <xs:annotation> <xs:documentation>Next IM</xs:documentation> </xs:annotation> </xs:element></pre>		

element **TransferPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage
annotation	documentation Transfer point or station of destination in the considered network
source	<pre><xs:element name="TransferPoint" type="LocationIdent"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network</xs:documentation> </xs:annotation> </xs:element></pre>

element **TransportInstruction**

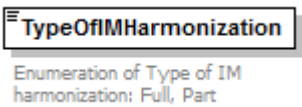
diagram	<div><div><div>≡</div><div>TransportInstruction</div></div><div>Special instructions regarding the transportation of the wagon or shipment in free text</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	FreeText									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	255	
Kind	Value	Annotation								
minLength	1									
maxLength	255									
annotation	documentation Special instructions regarding the transportation of the wagon or shipment in free text									
source	<pre><xs:element name="TransportInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the transportation of</pre>									

the wagon or shipment in free text</xs:documentation>
 </xs:annotation>
 </xs:element>

element **TransportOperationalIdentifiers**

diagram	<p>CompositIdentifierOperationalType (extension)</p> <ul style="list-style-type: none"> ObjectType: Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request Company: Identifies a railway company (RU or IM) Core: It is the main part of identifier and is determent by the company that creates it. Variant: The variant shows a relationship between two identifiers referring to the same business case TimetableYear: Refers to the timetable period in which the business will be carried out StartDate: Is only used in the operational phase and refers to the date where the single train will start the train journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage
source	<pre> <xs:element name="TransportOperationalIdentifiers"> <xs:complexType> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TypeOfIMHarmonization**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	TypeOfIMHarmonizationCode									
properties	content simple									
used by	elements PathDetailsMessage PathRequestMessage									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Full</td><td></td></tr><tr><td>enumeration</td><td>Part</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre><xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element></pre>									

element **TypeOfInformation**

diagram	<div><div><div>TypeOfInformation</div></div><div>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</div></div>			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5			
type	TypeOfInformationCode			
properties	content	simple		
used by	elements	PathCanceledMessage PathDetailsRefusedMessage ReceiptConfirmationMessage	PathConfirmedMessage PathNotAvailableMessage	PathDetailsMessage PathRequestMessage
facets	Kind	Value	Annotation	
	minInclusive	0		
	maxInclusive	99		
	enumeration	1	documentation harmonisation - in process	
	enumeration	2	documentation harmonisation - accepted	
	enumeration	3	documentation harmonisation - rejected	
	enumeration	4	documentation Request ready	
	enumeration	5	documentation path study request	
	enumeration	6	documentation pre-arranged path/reserve capacity	
	enumeration	7	documentation create offer	
	enumeration	8	documentation coordination update	

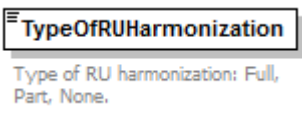
	enumeration	9	documentation draft offer
	enumeration	10	documentation draft alternative offer
	enumeration	11	documentation observation - in process
	enumeration	12	documentation observation - complete
	enumeration	13	documentation preparation of final offer - in process
	enumeration	14	documentation preparation of final offer - accepted
	enumeration	15	documentation preparation of final offer - rejected
	enumeration	16	documentation 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	41	documentation Final Offer rejected
	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
annotation	documentation Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation		

source	<pre> <xs:element name="TypeOfInformation" type="TypeOfInformationCode"> <xs:annotation> <xs:documentation> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre- arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation> </xs:annotation> </xs:element> </pre>
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element **TypeOfRequest**

diagram	<div><div><div>TypeOfRequest</div></div><div>Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</div></div>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																		
type	TypeOfRequestCode																		
properties	content simple																		
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage																		
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9</td><td></td></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation																	
minInclusive	1																		
maxInclusive	9																		
enumeration	1																		
enumeration	2																		
enumeration	3																		
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)																		
source	<xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> </xs:element>																		

element **TypeOfRUHarmonization**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	TypeOfRUHarmonizationCode						
properties	content simple						
used by	elements PathDetailsMessage PathRequestMessage						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Full</td><td></td></tr></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><xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> </xs:element></pre>

element TypeofService

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode
used by	element PlannedTrainData
annotation	documentation Information about the services available on a train. Used for publication towards the passenger
source	<pre><xs:element name="TypeofService"> <xs:annotation> <xs:documentation>Information about the services available on a train. Used for publication towards the passenger</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element TypeofService/SpecialServiceDescriptionCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	type7161CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	3	
	enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	5	documentation Breakfast documentation Breakfast documentation 0
	enumeration	6	documentation Dinner documentation Dinner documentation 0
	enumeration	7	documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	8	documentation Lunch documentation Lunch documentation 0
	enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	11	documentation Child documentation Services for children documentation 0
	enumeration	21	documentation Cold buffet documentation Cold buffet service documentation 0
	enumeration	22	documentation Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
	enumeration	23	documentation Hot buffet documentation Hot buffet service documentation 0

	enumeration	24	documentation Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
	enumeration	25	documentation Trolley documentation Trolley service (beverage and food cart) documentation 0
	enumeration	26	documentation Snack documentation Snack documentation 0
	enumeration	27	documentation Disabled documentation Services for disabled persons documentation 0
	enumeration	28	documentation Movies documentation Movies documentation 0
	enumeration	29	documentation Business documentation Services for business people documentation 0
	enumeration	30	documentation Nursery documentation Nursery service documentation 0
	enumeration	31	documentation Buffet documentation Buffet documentation 0
	enumeration	32	documentation Special services for military documentation Special services for army families documentation 0
	enumeration	33	documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0
	enumeration	34	documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0
	enumeration	35	documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0
	enumeration	36	documentation Alighting possible until 30 minutes after arrival

	<div>enumeration37<div>documentation Alighting is possible up to 30 minutes after arrival documentation 0</div></div> <div>enumeration38<div>documentation Postal services documentation Postal services available documentation 0</div></div> <div>enumeration39<div>documentation Meal at the seat documentation Meal is provided at the seat documentation 0</div></div> <div>enumeration40<div>documentation Self service documentation Self service meals documentation 0</div></div> <div>enumeration41<div>documentation Overnight stay documentation Overnight stay possible on board documentation 0</div></div> <div>enumeration42<div>documentation Luggage transport documentation Luggage transport offered documentation 0</div></div> <div>enumeration43<div>documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0</div></div> <div>enumeration44<div>documentation Music documentation Music documentation 0</div></div> <div>enumeration45<div>documentation Check-in documentation Time at which the traveller checks in documentation 0</div></div> <div>enumeration46<div>documentation Check-out documentation Time at which the traveller checks out documentation 0</div></div>
source	<div><xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/></div>

element **TypeofService/FacilityTypeDescriptionCode**

diagram	<div><pre>classDiagram class FacilityTypeDescriptionCode FacilityTypeDescriptionCode "0..∞"</pre></div>
namespace	<div>http://www.era.europa.eu/schemes/TAFTSI/2.5</div>

type	type9039CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	3	
	enumeration	2	documentation First-class sleepers documentation First-class sleepers documentation 0
	enumeration	3	documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0
	enumeration	4	documentation First-class seats documentation First-class seats documentation 0
	enumeration	5	documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0
	enumeration	6	documentation First-class couchettes documentation First-class couchettes documentation 0
	enumeration	7	documentation Second-class couchettes documentation Second-class couchettes documentation 0
	enumeration	8	documentation Sleeperette documentation Sleeperette or reclining seat documentation 0
	enumeration	9	documentation Restaurant documentation Restaurant facility documentation 0
	enumeration	11	documentation First-class sleeper, single documentation First-class sleeper, single documentation 0
	enumeration	12	documentation First-class sleeper, special documentation First-class sleeper, special documentation 0
	enumeration	13	documentation First-class sleeper, double documentation First-class sleeper, double

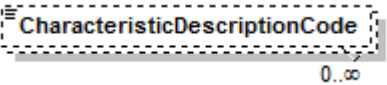
		documentation 0
enumeration	14	documentation Vehicle transport documentation Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation 0
enumeration	15	documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation 0
enumeration	16	documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation 0
enumeration	17	documentation Second-class sleeper T4 documentation Second-class sleeper, T4 (four-bed compartment) documentation 0
enumeration	18	documentation First-class sleeper, single, shower documentation First-class sleeper, single with shower documentation 0
enumeration	19	documentation First-class sleeper, double, shower documentation First-class sleeper, double with shower documentation 0
enumeration	20	documentation Non-smoker service documentation The travel service is non-smoking documentation 0
enumeration	21	documentation Heavily disabled documentation Facilities for heavily disabled persons available documentation 0
enumeration	24	documentation Baby room documentation Baby care facilities available documentation 0
enumeration	26	documentation Bicycle transport documentation Facility for bicycle transport available documentation 0
enumeration	28	documentation Wheelchair access documentation Access for wheelchairs possible documentation 0
enumeration	33	documentation Video coach documentation Video coach available

		documentation 0
enumeration	34	documentation Mini-bar documentation Mini-bar available documentation 0
enumeration	36	documentation Panorama coach documentation Panorama coach available documentation 0
enumeration	44	documentation Telephone documentation Telephone service is available documentation 0
enumeration	45	documentation Power supply documentation Service provides power supply sockets documentation 0
enumeration	46	documentation Pullmann coach documentation Pullman car seats documentation 0
enumeration	47	documentation Bar documentation A bar is available documentation 0
enumeration	48	documentation Family compartment documentation Family compartment(s) available documentation 0
enumeration	50	documentation Buffet machine documentation Buffet machine available documentation 0
enumeration	54	documentation Premium class documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0
enumeration	55	documentation Preferente documentation Spanish first class on long distance trains documentation RENFE documentation 0
enumeration	56	documentation Turista documentation Spanish second class on long distance trains documentation RENFE documentation 0

enumeration	57	documentation First-class sleeper, single, shower, WC documentation First-class sleeper, single with shower and WC documentation RENFE documentation 0
	58	documentation First-class sleeper, double shower, WC documentation First-class sleeper, double with shower and WC documentation RENFE documentation 0
	59	documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation 0
	60	documentation Second class sleeper double documentation Second class sleeper for two documentation 0
	61	documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation 0
	62	documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation 0
	63	documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation 0
	64	documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation 0
	65	documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation 0
	66	documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation 0
	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	101	documentation Metro connection documentation Metro, subway, underground connection documentation Only used in TSDUPD documentation 0
	enumeration	102	documentation Taxi connection documentation Taxi connection documentation Only used in TSDUPD documentation 0
	enumeration	103	documentation Bus connection documentation Bus connections available documentation Used only in TSDUPD documentation 0
	enumeration	104	documentation Tram connection documentation Tram connections available documentation Used only in TSDUPD documentation 0
	enumeration	105	documentation 2nd Class couchette five beds C5 documentation 2nd Class couchette five beds C5 documentation DB Nachtzug documentation 0
source	<code><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></code>		

element **TypeofService/CharacteristicDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	type7037CodeList		
properties	minOcc	0	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	17	
	enumeration	6	documentation First class
			documentation First class accommodation
			documentation 0
	enumeration	7	documentation Second class
			documentation Second class accommodation
			documentation 0
	enumeration	11	documentation Reservation possible
			documentation Reservation is possible
			documentation 0
	enumeration	12	documentation With supplement
			documentation A supplement is charged
			documentation 0
	enumeration	13	documentation Reservation compulsory
			documentation Reservation is compulsory
			documentation 0
	enumeration	14	documentation Reservation advised
			documentation Reservation is recommended
			documentation 0
	enumeration	15	documentation Reservation compulsory for parties
			documentation Reservation is compulsory for parties
			documentation 0
	enumeration	16	documentation Reservation compulsory in first-class
			documentation Reservation is compulsory in first-class
			documentation 0
	enumeration	17	documentation Group booking restricted
			documentation Booking by groups restricted
			documentation 0
	enumeration	18	documentation Groups not allowed
			documentation Groups of travellers are not allowed

		documentation 0
enumeration	19	documentation No reservation documentation Reservation is not possible documentation 0
enumeration	20	documentation Reservation in first class only documentation Reservation is only possible in first documentation 0
enumeration	21	documentation Reservation compulsory from origin station documentation Reservation compulsory from origin station documentation 0
enumeration	22	documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0
enumeration	23	documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0
enumeration	24	documentation Not available documentation The product is not available documentation 0
enumeration	25	documentation Non-bookable documentation The product is not bookable documentation 0
enumeration	26	documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0
enumeration	27	documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0
enumeration	28	documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0
source	<xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/>	

element **UltimateDestinationCountry**

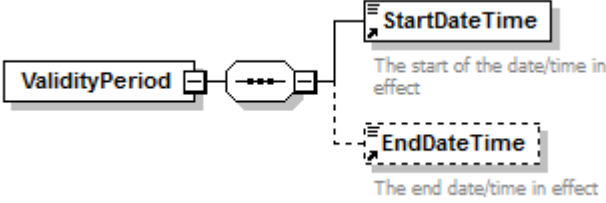
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	CountryIdentISO									
properties	content simple									
used by	element ITU Details									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	documentation Country of Ultimate Destination									
source	<pre><xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element></pre>									

element **UN_Number**

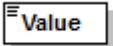
diagram	<div><div><div>UN_Number</div></div><p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
used by	element SummaryOfGoodsWithSameRID									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>length</td><td>4</td><td></td></tr><tr><td>pattern</td><td colspan="2">\d*[1-9]\d*</td></tr></table>	Kind	Value	Annotation	length	4		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	4									
pattern	\d*[1-9]\d*									
annotation	<p>documentation</p> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</p>									
source	<pre><xs:element name="UN_Number"> <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"></pre>									

	<pre> <xs:length <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> value="4"/> value="\d*[1-9]\d*" /> </pre>
--	--	---

element **ValidityPeriod**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
properties	content complex	
children	StartDateTime EndDateTime	
used by	elements PlannedCalendar RequestedCalendar	
source	<pre> <xs:element <xs:complexType <xs:sequence <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	

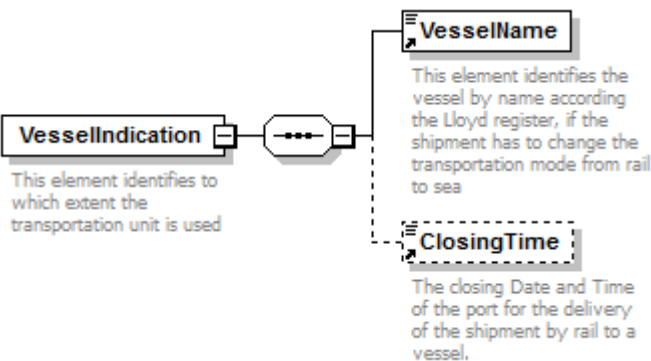
element **Value**

diagram														
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5													
type	restriction of xs:decimal													
properties	content simple													
used by	elements Height Length Width													
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999999999</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minInclusive	0		maxInclusive	9999999999		fractionDigits	1	
Kind	Value	Annotation												
minInclusive	0													
maxInclusive	9999999999													
fractionDigits	1													
source	<pre> <xs:element <xs:simpleType> <xs:restriction <xs:minInclusive <xs:fractionDigits <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>													

element **Variant**

diagram	<div><div><div>Variant</div></div><p>The variant shows a relationship between two identifiers referring to the same business case</p></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table><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	<div>documentation</div> <div>The variant shows a relationship between two identifiers referring to the same business case</div>												
source	<pre><xs:element name="Variant"> <xs:annotation> <xs:documentation>The variant shows a relationship between two identifiers referring to the same business case</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string" <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **VesselIndication**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	VesselName ClosingTime
used by	elements WIMO Dataset/EventLevelData Ship
annotation	documentation This element identifies to which extent the transportation unit is used

source	<pre> <xs:element name="VesselIndication"> <xs:annotation> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselName"/> <xs:element ref="ClosingTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	--

element **VesselName**

diagram	<div><div><div>VesselName</div></div><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></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	Name						
properties	content simple						
used by	element VesselIndication						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>254</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	254	
Kind	Value	Annotation					
maxLength	254						
annotation	<div>documentation</div> <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>						
source	<pre><xs:element name="VesselName" type="Name"> <xs:annotation> <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation> </xs:annotation> </xs:element></pre>						

element **Volume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	VolumeValue
properties	content simple
annotation	documentation Identifies the volume of a shipment, expressed in cubic metres
source	<pre> <xs:element name="Volume" type="VolumeValue"> <xs:annotation> </pre>

	<pre> <xs:documentation>Identifies the volume of a shipment, expressed in cubic metres</xs:documentation> </xs:annotation> </xs:element> </pre>
--	---

element **WagonArrivalNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonInformation ArrivalAtDestination
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.
source	<pre> <xs:element name="WagonArrivalNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalAtDestination"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonAtDeparture**

diagram	<p>The diagram shows the WagonAtDeparture element (a rectangle with a small square icon) connected to a sequence container (a rounded rectangle with three dots). This container is linked to two child elements: Location (a rectangle with a small square icon) and DepartureTimeAtLocation (a rectangle with a small square icon). The Location element is described as 'Identifies a Location using a LocationIdent'. The DepartureTimeAtLocation element is described as 'the scheduled departure date and time at a defined location'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonDepartureNoticeMessage
annotation	documentation Departure point of a wagon with location and departure time
source	<pre> <xs:element name="WagonAtDeparture"> <xs:annotation> <xs:documentation>Departure point of a wagon with location and departure time</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonData**

diagram	<p>The diagram shows the WagonData element (a rectangle with a small square icon) connected to a sequence container (a rounded rectangle with three dots). This container is linked to four child elements: WagonNumberFreight (a rectangle with a small square icon), WagonTrainPosition (a rectangle with a small square icon), WagonOperationalData (a rectangle with a small square icon and a plus sign), and WagonTechData (a rectangle with a small square icon and a plus sign). The WagonNumberFreight element is described as 'Identifies uniquely the freight wagon by its number'. The WagonTrainPosition element is described as 'Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.'. The WagonOperationalData element is described as '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.'. The WagonTechData element is described as 'This element shows the wagon relevant technical data for the wagons within a running train'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

properties	content complex
children	WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData
used by	element TrainCompositionJourneySection
annotation	documentation Wagon relevant data for the wagons within a running train
source	<pre> <xs:element name="WagonData"> <xs:annotation> <xs:documentation>Wagon relevant data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="WagonTrainPosition"/> <xs:element ref="WagonOperationalData"/> <xs:element ref="WagonTechData"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonDeliveryNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonInformation DeliveryAtDestination Customers
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.
source	<pre> <xs:element name="WagonDeliveryNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</xs:documentation> </xs:annotation> </pre>

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="WagonInformation"/>
    <xs:element ref="DeliveryAtDestination"/>
    <xs:element ref="Customers" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element **WagonDepartureNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader RelatedReference WagonInformation Customers WagonAtDeparture
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> <xs:element name="WagonDepartureNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference" minOccurs="0"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	<code>ref="WagonAtDeparture"/></code>
--	--	--

element **WagonDeviationMessage**

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
properties	content complex	
children	MessageHeader RelatedReference WagonNumberFreight ActualETI WagonExceptionReport	
annotation	<p>documentation</p> <p>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>	
source	<pre> <xs:element <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element <xs:element <xs:element <xs:element <xs:element </xs:sequence> </xs:complexType> </xs:element> </pre>	

element **WagonETI_ETA_Message**

diagram	<p>WagonETI_ETA_Message</p> <p>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p> <ul style="list-style-type: none"> MessageHeader (+) Used for all messages RelatedReference (+) Identifies the message to which the actual message refers WagonInformation (+) This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon ArrivalInterchangeReport (+) The arrival or interchange station where ETI end DepartureInterchangeReport (+) Departure or interchange station ETI Origin
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport
annotation	<p>documentation</p> <p>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p>
source	<pre> <xs:element name="WagonETI_ETA_Message"> <xs:annotation> <xs:documentation>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalInterchangeReport"/> <xs:element ref="DepartureInterchangeReport" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonEventInformation**


diagram	<p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>Identifies a Location using a LocationIdent</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	WagonEvent EventDateTime Location
used by	element WIMO Dataset/EventLevelData
annotation	<p>documentation</p> <p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p>
source	<pre> <xs:element name="WagonEventInformation"> <xs:annotation> <xs:documentation>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime" type="xs:dateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonEventInformation/WagonEvent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:token
properties	content simple
facets	Kind Value Annotation

	<div>enumeration Release</div> <div>enumeration Arrival</div> <div>enumeration Departure</div> <div>enumeration Exception</div> <div>enumeration Delivery</div> <div>enumeration InterchangeDelivery</div> <div>enumeration InterchangeReceipt</div> <div>enumeration YardDeparture</div> <div>enumeration YardArrival</div> <div>enumeration DeliveryConfirmation</div>
source	<div><xs:element name="WagonEvent"></div> <div><xs:simpleType></div> <div><xs:restriction base="xs:token"></div> <div><xs:enumeration value="Release"/></div> <div><xs:enumeration value="Arrival"/></div> <div><xs:enumeration value="Departure"/></div> <div><xs:enumeration value="Exception"/></div> <div><xs:enumeration value="Delivery"/></div> <div><xs:enumeration value="InterchangeDelivery"/></div> <div><xs:enumeration value="InterchangeReceipt"/></div> <div><xs:enumeration value="YardDeparture"/></div> <div><xs:enumeration value="YardArrival"/></div> <div><xs:enumeration value="DeliveryConfirmation"/></div> <div></xs:restriction></div> <div></xs:simpleType></div> <div></xs:element></div>

element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:dateTime
properties	content simple
source	<xs:element name="EventDateTime" type="xs:dateTime"/>

element **WagonExceptionMessage**

diagram	<p>WagonExceptionMessage This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p> <p>MessageHeader Used for all messages</p> <p>WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p> <p>WagonExceptionReport Specifies the exceptions of a wagon related to a specific location</p> <p>DangerousGoodsIndication Identifies dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold
source	<pre> <xs:element name="WagonExceptionMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonExceptionReasonMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication
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> <xs:element name="WagonExceptionReasonMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonExceptionReport**

diagram	<p>WagonExceptionReport Specifies the exceptions of a wagon related to a specific location</p> <p>ExceptionPoint Describes the interruption points with location and the time of the interruption</p> <p>ExceptionReason Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> <p>0..∞</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	ExceptionPoint ExceptionReason
used by	elements WagonDeviationMessage WagonExceptionMessage WagonExceptionReasonMessage
annotation	documentation Specifies the exceptions of a wagon related to a specific location
source	<pre> <xs:element name="WagonExceptionReport"> <xs:annotation> <xs:documentation>Specifies the exceptions of a wagon related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ExceptionPoint"/> <xs:element ref="ExceptionReason" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonInformation**

diagram	<p>WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p> <p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded</p> <p>TotalWeight Total weight of the loaded wagon [kg].</p> <p>GoodsInWagon 0..99 Goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WIMO Dataset/ConsignmentLevelData WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonInterchangeNoticeMessage WagonReleaseNoticeMessage
annotation	documentation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon
source	<pre> <xs:element name="WagonInformation"> <xs:annotation> <xs:documentation>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonInterchangeNoticeMessage**

diagram	<p>WagonInterchangeNoticeMess... This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon.</p> <ul style="list-style-type: none"> MessageHeader (+) Used for all messages WagonInformation (+) This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon DeliveryInterchangePoint (+) Place where the responsibility of a wagon is changed and the date and time when the wagon responsibility is handed over DangerousGoodsIndication (+) (dashed) Identifies dangerous goods OperationalTrainNumber (dashed) Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc. TrainID (+) (dashed)
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

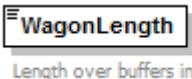
children	MessageHeader WagonInformation DeliveryInterchangePoint DangerousGoodsIndication OperationalTrainNumber TrainID
annotation	documentation This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon.
source	<pre> <xs:element name="WagonInterchangeNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to ask the neighbouring RU/Service Provider the acceptance of the responsibility for a wagon.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="DeliveryInterchangePoint"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonInterchangeSubNoticeMessage**

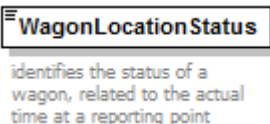
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonNumberFreight AcceptanceInterchangePoint DangerousGoodsIndication OperationalTrainNumber TrainID
annotation	documentation This message is used by the RU/Service Provider to inform the IM that the responsibility is handed over to the next RU/Service Provider
source	<pre> <xs:element name="WagonInterchangeSubNoticeMessage"> </pre>

	<pre> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the IM that the responsibility is handed over to the next RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="AcceptanceInterchangePoint"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **WagonLength**

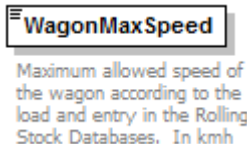
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
used by	element Wagons/WagonDetails/WagonTypeDetails									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	999999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	999999									
annotation	documentation Length over buffers in cms									
source	<pre><xs:element name="WagonLength"> <xs:annotation> <xs:documentation>Length over buffers in cms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WagonLocationStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	RunningStatus

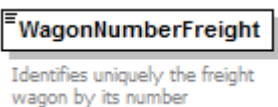
properties	content simple		
used by	element	ExceptionPoint	
facets	Kind	Value	Annotation
	enumeration	00	
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	16	
	enumeration	17	
	enumeration	18	
	enumeration	19	
annotation	documentation	identifies the status of a wagon, related to the actual time at a reporting point	
source	<pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>		

element **WagonMaxSpeed**


diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:int		
properties	content	simple	
used by	element	WagonOperationalData	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh		
source	<pre><xs:element name="WagonMaxSpeed"></pre>		

	<pre> <xs:annotation> <xs:documentation>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **WagonNumberFreight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	WagonIdent
properties	content simple
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData WagonDeviationMessage WagonInformation WagonInterchangeSubNoticeMessage WagonReceivedAtInterchangeMessage WagonRefusedAtInterchangeMessage Wagons WagonYardArrivalMessage WagonYardDepartureMessage
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation Identifies uniquely the freight wagon by its number
source	<pre> <xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element> </pre>

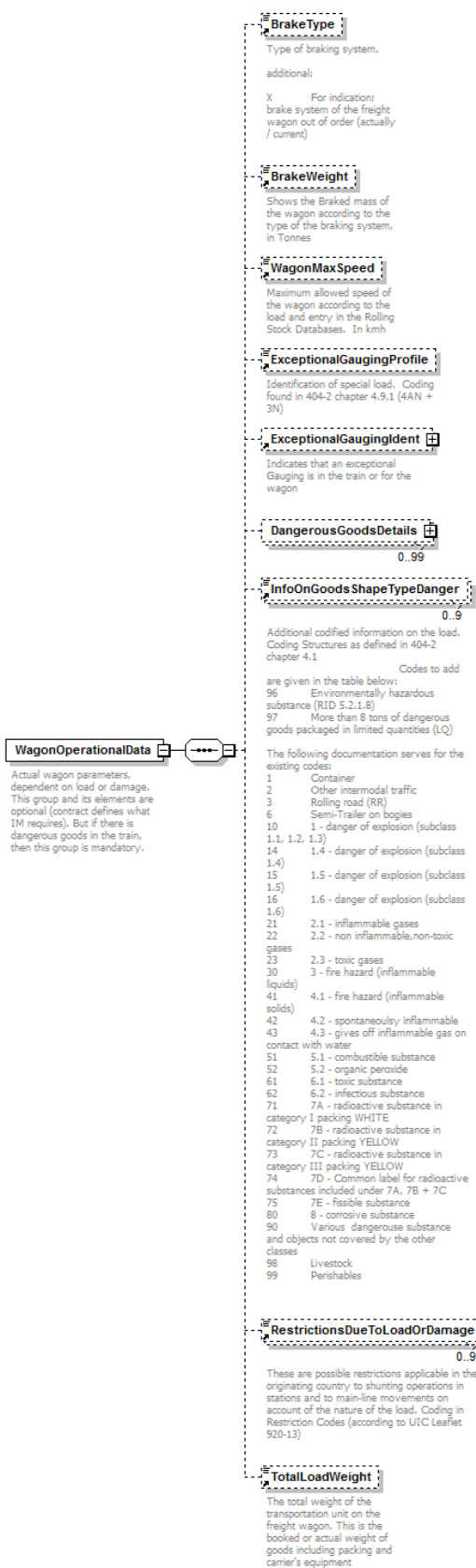
element **WagonNumberOfAxles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:int
properties	content simple
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails
facets	Kind Value Annotation minInclusive 2 maxInclusive 99
annotation	documentation Number of Axels for a wagon

source	<pre><xs:element name="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Number of Axels for a wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="2"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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element **WagonOperationalData**

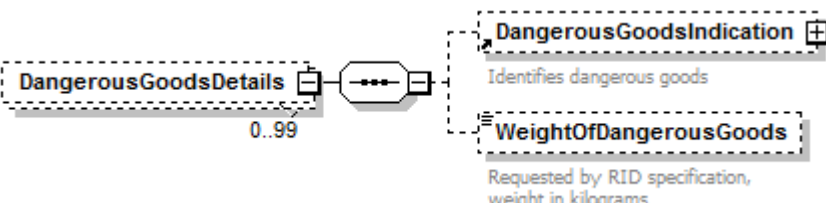
diagram

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.5>

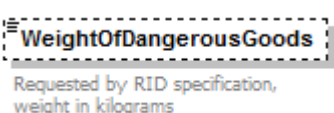
properties content complex

children	BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsDetails InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight
used by	element WagonData
annotation	documentation Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.
source	<pre> <xs:element name="WagonOperationalData"> <xs:annotation> <xs:documentation>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="InfoOnGoodsShapeTypeDanger" minOccurs="0" maxOccurs="9"/> <xs:element ref="RestrictionsDueToLoadOrDamage" minOccurs="0" maxOccurs="9"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonOperationalData/DangerousGoodsDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 99 content complex
children	DangerousGoodsIndication WeightOfDangerousGoods
source	<pre> <xs:element name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonOperationalData/DangerousGoodsDetails/WeightOfDangerousGoods**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:decimal												
properties	minOcc 0 maxOcc 1 content simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><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></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	<xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> </xs:element>												

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **WagonPickupAtOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonReleaseNoticeMessage
annotation	documentation Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings
source	<pre> <xs:element name="WagonPickupAtOrigin"> <xs:annotation> <xs:documentation>Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonReceivedAtInterchangeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader RelatedReference WagonNumberFreight AcceptanceInterchangePoint
annotation	<p>documentation</p> <p>This message is used by the neighbouring RU/Service Provider as answer to the message WagonInterchangeNotice to conform the acceptance of the responsibility for the wagon.</p>
source	<pre> <xs:element name="WagonReceivedAtInterchangeMessage"> <xs:annotation> <xs:documentation>This message is used by the neighbouring RU/Service Provider as answer to the message WagonInterchangeNotice to conform the acceptance of the responsibility for the wagon.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="AcceptanceInterchangePoint"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonRefusedAtInterchangeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader RelatedReference WagonNumberFreight RefusalAtInterchange CauseType CauseDescription
annotation	<p>documentation</p> <p>This message is used by the neighbouring RU/Service Provider as answer to the message 'WagonInterchangeNotic' to inform the sender that the responsibility for the wagon is refused.</p>
source	<pre> <xs:element name="WagonRefusedAtInterchangeMessage"> <xs:annotation> <xs:documentation>This message is used by the neighbouring RU/Service Provider as answer to the message 'WagonInterchangeNotic' to inform the sender that the responsibility for the wagon is refused.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalAtInterchange"/> <xs:element ref="CauseType"/> <xs:element ref="CauseDescription" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonReleaseNoticeMessage**

diagram	<p>WagonReleaseNoticeMessage</p> <p>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</p> <p>MessageHeader Used for all messages</p> <p>WagonInformation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p> <p>Customers Information about the consignor and consignee</p> <p>WagonPickupAtOrigin Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonInformation Customers WagonPickupAtOrigin
annotation	<p>documentation</p> <p>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</p>
source	<pre> <xs:element name="WagonReleaseNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> <xs:element ref="WagonPickupAtOrigin"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	WagonNumberFreight WagonDetails SummaryOfGoodsWithSameRID LoadingTackles Goods ITU RollingRoadUnit
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Content of the wagon
source	<pre> <xs:element name="Wagons"> <xs:annotation> <xs:documentation>Content of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:sequence> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific </pre>

```

wagon</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element
      <xs:element
        name="WagonInfo"
        minOccurs="0">
          <xs:annotation>
            <xs:documentation>Additional information, concerning the
goods      of      the      whole      wagon.
          </xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction
              base="xs:string">
                <xs:maxLength
                  value="500"/>
                <xs:minLength
                  value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element
            name="WagonTypeDetails"
            minOccurs="0">
              <xs:annotation>
                <xs:documentation>These elements are only needed, if the
wagon has to be treated as CUV (empty wagon).</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element
                    ref="WagonWeightEmpty"/>
                  <xs:element
                    ref="WagonNumberOfAxles"/>
                  <xs:element
                    ref="WagonLength"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element
              ref="TotalWeight"
              minOccurs="0"/>
            <xs:element
              name="LoadLimit"
              minOccurs="0">
              <xs:annotation>
                <xs:documentation>Load limit from table of load limits in
[t].</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction
                  base="xs:decimal">
                    <xs:minInclusive
                      value="0"/>
                    <xs:totalDigits
                      value="4"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element
                ref="Seals"
                minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
                </xs:annotation>
                </xs:element>
                <xs:element
                  ref="Ship"
                  minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>Additional information for transports,
which shall be handed over to a ship.</xs:documentation>
                  </xs:annotation>
                  </xs:element>
                  <xs:element
                    ref="DeliveryReference"
                    minOccurs="0"/>
                  <xs:element
                    ref="OriginCountry"
                    minOccurs="0"/>
                  <xs:element
                    name="ExceptionalConsignment"
                    minOccurs="0"

```

	<pre> 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> <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> <xs:choice> <xs:sequence> <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/> <xs:element ref="Goods" maxOccurs="99"/> </xs:sequence> <xs:element ref="ITU" maxOccurs="25"/> <xs:element ref="RollingRoadUnit" maxOccurs="5"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre>
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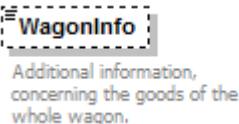
element **Wagons/WagonDetails**

diagram	<p>WagonDetails Details for the specific wagon</p> <ul style="list-style-type: none"> LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded WagonInfo Additional information, concerning the goods of the whole wagon. WagonTypeDetails These elements are only needed, if the wagon has to be treated as CUV (empty wagon). TotalWeight Total weight of the loaded wagon [kg]. LoadLimit Load limit from table of load limits in [t]. Seals Describes the seals used for the consignment Ship Additional information for transports, which shall be handed over to a ship. DeliveryReference OriginCountry Code of origin country of the UTI. ExceptionalConsignment 0..10 Exceptional Consignment ShuntingModalLabel Shunting modal label according to chapter 5.3.4 RID ReferenceNumbers This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment ShuntingModalLabel ReferenceNumbers

annotation	documentation Details for the specific wagon
source	<pre> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:sequence> <xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Seals" minOccurs="0"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Ship" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship.</xs:documentation> </xs:annotation> </xs:element> </xs:complexType> </xs:element> </pre>

	<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> </pre>
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element **Wagons/WagonDetails/WagonInfo**

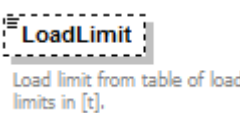
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

	maxLength 500
annotation	documentation Additional information, concerning the goods of the whole wagon.
source	<pre> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

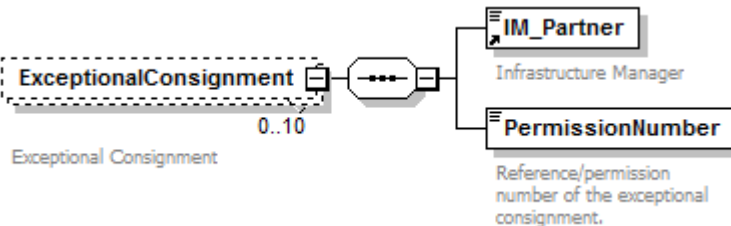
element **Wagons/WagonDetails/WagonTypeDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 1 content complex
children	WagonWeightEmpty WagonNumberOfAxes WagonLength
annotation	documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon).
source	<pre> <xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon). </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxes"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **Wagons/WagonDetails/LoadLimit**

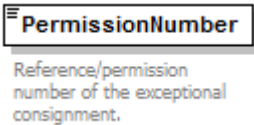
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:decimal									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>totalDigits</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		totalDigits	4	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	4									
annotation	documentation Load limit from table of load limits in [t].									
source	<pre><xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/WagonDetails/ExceptionalConsignment**

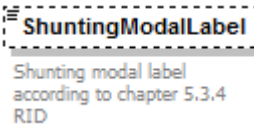
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	minOcc 0 maxOcc 10 content complex
children	IM_Partner PermissionNumber
annotation	documentation Exceptional Consignment
source	<pre><xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional</pre>

	<pre> consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	documentation Reference/permission number of the exceptional consignment.									
source	<pre><xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **Wagons/WagonDetails/ShuntingModalLabel**

element WagonWagonLabelShuntingModalLabel		
diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5	
type	restriction of xs:token	
properties	minOcc 0 maxOcc 1 content simple	
facets	Kind Value Annotation	


	enumeration 13 enumeration 15
annotation	documentation Shunting modal label according to chapter 5.3.4 RID
source	<pre><xs:element name="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonTechData**

diagram	<p>The diagram shows the WagonTechData element as a central box. It is connected to several sub-elements: LengthOverBuffers, WagonNumberOfAxes, AirBrakeType, BrakingPowerVariationDevice, AirBrakeSpecialCharacteristic, HandBrakeType, HandBrakeBrakedWeight, NormalLoadingGauge, WagonWeightEmpty, and TechnicalRestrictions. The connections are as follows: LengthOverBuffers and WagonNumberOfAxes are solid lines; AirBrakeType, BrakingPowerVariationDevice, AirBrakeSpecialCharacteristic, HandBrakeType, HandBrakeBrakedWeight, and TechnicalRestrictions are dashed lines; NormalLoadingGauge and WagonWeightEmpty are solid lines. A small box labeled WagonTechData is also shown with a description: "This element shows the wagon relevant technical data for the wagons within a running train".</p> <p>LengthOverBuffers Length over buffers is expressed in cm.</p> <p>WagonNumberOfAxes Number of Axes for a wagon</p> <p>AirBrakeType Classification of air brake. additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</p> <p>BrakingPowerVariationDevice Coding in 404-2, chapter 1.8</p> <p>AirBrakeSpecialCharacteristic Coding in 404-2, chapter 1.8</p> <p>HandBrakeType Classification of hand brake: 0 No hand brake 1 Ground-operated hand brake 2 Platform-operated hand brake</p> <p>HandBrakeBrakedWeight Coding in 404-2, chapter 1.7</p> <p>NormalLoadingGauge Wagon or load gauge code used in UK, coded in UIC 505-1 and 503: All codes are defined in the UIC Leaflet 505-1 and 503, as well as in the EN 15273-2. 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. For the new ones, use the table below. Candidate: G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A. Lately added: G1 Annex A.3 G2 Annex E.1.2 GB2 Annex C.1.2 GB-M6 Annex N.4 (annex currently in preparation) GHE16 Annex P.3 W6-A W6a is designed for non-bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60')</p> <p>WagonWeightEmpty The weight of an empty wagon according to the entry in the rolling stock database</p> <p>TechnicalRestrictions</p> <p>0..6</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex

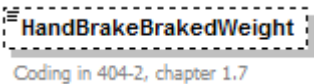
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight WagonWeightEmpty TechnicalRestrictions NormalLoadingGauge
used by	element WagonData
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train
source	<pre> <xs:element name="WagonTechData"> <xs:annotation> <xs:documentation>This element shows the wagon relevant technical data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LengthOverBuffers"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="AirBrakeType" minOccurs="0"/> <xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/> <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="HandBrakeType" minOccurs="0"/> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="WagonWeightEmpty"/> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonTechData/AirBrakeSpecialCharacteristic**


diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:integer

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9
annotation	documentation Coding in 404-2, chapter 1.8
source	<pre> <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTechData/HandBrakeBrakedWeight**

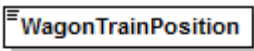
diagram	 <p>Coding in 404-2, chapter 1.7</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:integer
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation Coding in 404-2, chapter 1.7
source	<pre> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonTechData/TechnicalRestrictions**

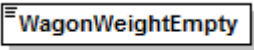
diagram	 <p>0..6</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	Numeric2-2

properties	minOcc 0 maxOcc 6 content simple		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/>		

element WagonTrainPosition

diagram	<div><p>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:int									
properties	content simple									
used by	element WagonData									
facets	<table><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 Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.									
source	<pre><xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element WagonWeightEmpty

diagram	 <p>The weight of an empty wagon according to the entry in the rolling stock database</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	WeightValueKilo
properties	content simple

used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation The weight of an empty wagon according to the entry in the rolling stock database		
source	<pre><xs:element name="WagonWeightEmpty" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of an empty wagon according to the entry in the rolling stock database</xs:documentation> </xs:annotation> </xs:element></pre>		

element **WagonYardArrivalMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	MessageHeader WagonNumberFreight YardArrival
annotation	documentation This message is used by the RU to inform the LRU that the wagon has arrived at its yard.
source	<pre><xs:element name="WagonYardArrivalMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardArrival"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonYardDepartureMessage**

diagram	<p>WagonYardDepartureMessage This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</p> <p>MessageHeader Used for all messages</p> <p>WagonNumberFreight Identifies uniquely the freight wagon by its number</p> <p>YardDeparture 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/2.5
properties	content complex
children	MessageHeader WagonNumberFreight YardDeparture
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.
source	<pre> <xs:element name="WagonYardDepartureMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardDeparture"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WeightOfSetOfCarriages**

diagram	<div><div><div><div><div></div><div>WeightOfSetOfCarriages</div></div></div></div><div>The calculated maximum weight of all carriages without the traction</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	WeightValueTonne									
properties	content simple									
used by	element PlannedTrainTechnicalData									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>99999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The calculated maximum weight of all carriages without the traction									
source	<pre><xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation> </xs:annotation> </xs:element></pre>									

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

element **WheelDiameter**

diagram	<div><div><div>WheelDiameter</div></div><div>Diameter of wheels measured in mm. Reference wheel diameter at maximum.</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>1</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Diameter of wheels measured in mm. Reference wheel diameter at maximum.									
source	<pre><xs:element name="WheelDiameter"> <xs:annotation> <xs:documentation>Diameter of wheels measured in mm. Reference wheel diameter at maximum. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WheelsetGauge**

diagram	<div><div><div>WheelsetGauge</div></div><div>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge</div></div>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5						
type	restriction of xs:integer						
properties	content simple						
used by	element RollingStockDataset/DesignDataSet						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	1	
Kind	Value	Annotation					
minInclusive	1						

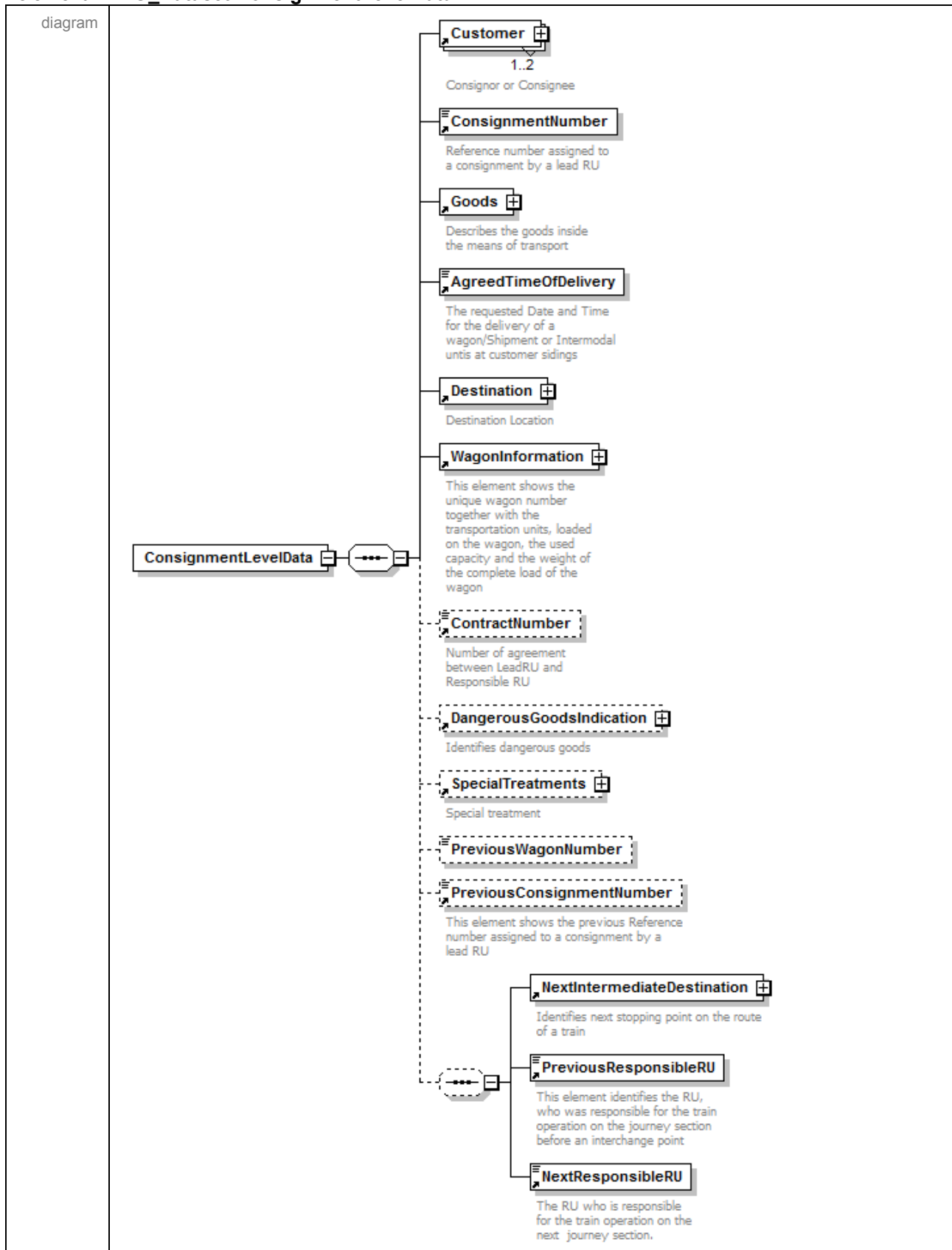
	maxInclusive 9999
annotation	documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge
source	<pre> <xs:element name="WheelsetGauge"> <xs:annotation> <xs:documentation>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element Width

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Width of ITU
source	<pre> <xs:element name="Width"> <xs:annotation> <xs:documentation>Width of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

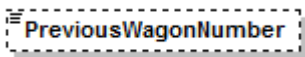
element **WIMO_Dataset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	ConsignmentLevelData EventLevelData RollingStockDataset
annotation	documentation Comment describing your root element
source	<pre> <xs:element name="WIMO_Dataset"> <xs:annotation> <xs:documentation>Comment describing your root element</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="RollingStockDataset"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WIMO_Dataset/ConsignmentLevelData**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU
source	<pre> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

element WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	WagonIdent									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>[0-9]{12}</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
Kind	Value	Annotation								
maxLength	12									
pattern	[0-9]{12}									
source	<xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/>									

element **WIMO_Dataset/EventLevelData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	WagonEventInformation VesselIndication
source	<pre> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **YardArrival**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location ArrivalTimeAtLocationActual
used by	element WagonYardArrivalMessage
annotation	documentation The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre> <xs:element name="YardArrival"> <xs:annotation> <xs:documentation>The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocationActual"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **YardDeparture**

diagram	<p>The diagram shows the YardDeparture element as a container for two sub-elements: Location and DepartureTimeAtLocation. The Location element is described as 'Identifies a Location using a LocationIdent'. The DepartureTimeAtLocation element is described as 'the scheduled departure date and time at a defined location'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonYardDepartureMessage
annotation	documentation The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<pre> <xs:element name="YardDeparture"> <xs:annotation> <xs:documentation>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

complexType **CargoCodeType**

diagram	<div><div>CargoCodeType</div><div>Identification of the Cargo and the nomenclature used</div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	extension of FreeText									
properties	base FreeText									
facets	<table><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 Identification of the Cargo and the nomenclature used									
source	<pre><xs:complexType name="CargoCodeType"> <xs:annotation> <xs:documentation>Identification of the Cargo and the nomenclature used</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="FreeText"/> </xs:simpleContent> </xs:complexType></pre>									

complexType **CompositIdentifierOperationalType**

diagram	<p>CompositIdentifierOperationalT... Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p> <p>ObjectType Provides a possibility for differentiation between the objects: Train, Path, Case Reference and Path Request</p> <p>Company Identifies a railway company (RU or IM)</p> <p>Core It is the main part of identifier and is determent by the company that creates it.</p> <p>Variant The variant shows a relationship between two identifiers referring to the same business case</p> <p>TimetableYear Refers to the timetable period in which the business will be carried out</p> <p>StartDate Is only used in the operational phase and refers to the date where the single train will start the train journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements RelatedTransportOperationalIdentifiers TrainID TransportOperationalIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre> <xs:complexType name="CompositIdentifierOperationalType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate"/> </xs:sequence> <xs:annotation> <xs:documentation>Is only used in the operational phase and refers to the date where the single train will start the train journey</xs:documentation> </xs:annotation> </pre>

```

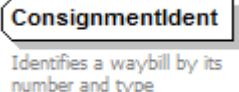
</xs:element>
</xs:sequence>
</xs:complexType>

```

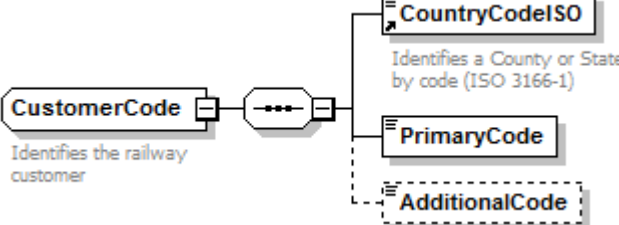
complexType CompositIdentifierPlannedType

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre> <xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

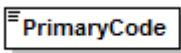
complexType ConsignmentIdent

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	extension of xs:string
properties	base xs:string
used by	elements ConsignmentNumber PreviousConsignmentNumber
annotation	documentation Identifies a waybill by its number and type
source	<pre> <xs:complexType name="ConsignmentIdent"> <xs:annotation> <xs:documentation>Identifies a waybill by its number and type</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"/> </xs:simpleContent> </xs:complexType> </pre>

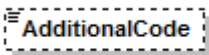
complexType CustomerCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
children	CountryCodeISO PrimaryCode AdditionalCode
used by	element Customer
annotation	documentation Identifies the railway customer
source	<pre> <xs:complexType name="CustomerCode"> <xs:annotation> <xs:documentation>Identifies the railway customer</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="PrimaryCode" type="String1-14"/> <xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **CustomerCode/PrimaryCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	String1-14									
properties	content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>14</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									
source	<xs:element name="PrimaryCode" type="String1-14"/>									

element **CustomerCode/AdditionalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	String1-7									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>7</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	7	
Kind	Value	Annotation								
minLength	1									
maxLength	7									
source	<xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/>									

complexType **DanGoodsType**

diagram

DanGoodsType

This element indicates the type of a dangerous load

HazardIdentificationNumber**UN_Number**

The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1, Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".

DangerLabel

0..5

All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).

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

RID_Class

The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.

PackingGroup

The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=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

DangerousGoodsWeight

The weight of the dangerous goods in Kilograms

DangerousGoodsVolume

The volume of the dangerous goods in cubic meters

LimitedQuantityIndicator

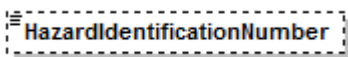
Indicator for labelled dangerous goods in limited quantity according to chapter 3.4 RID

namespace <http://www.era.europa.eu/schemes/TAFTSI/2.5>children [HazardIdentificationNumber](#) [UN_Number](#) [DangerLabel](#) [RID_Class](#) [PackingGroup](#) [DangerousGoodsWeight](#)

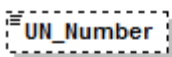
	DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre> <xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="PackingGroup" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </pre>

	<pre> </xs:annotation> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre>
--	--

element **DanGoodsType/HazardIdentificationNumber**

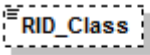
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>2</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	2		maxLength	4	
Kind	Value	Annotation								
minLength	2									
maxLength	4									
source	<pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DanGoodsType/UN_Number**


diagram	<div></div> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</p>			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5			
type	restriction of xs:string			
properties	minOcc 0 maxOcc 1 content simple			
used by	element SummaryOfGoodsWithSameRID			
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr></table>	Kind	Value	Annotation
Kind	Value	Annotation		

	length 4 pattern \d*[1-9]\d*
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
source	<pre> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

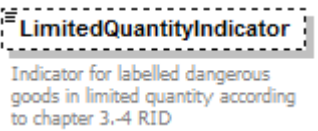
element DanGoodsType/RID_Class

diagram	 <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

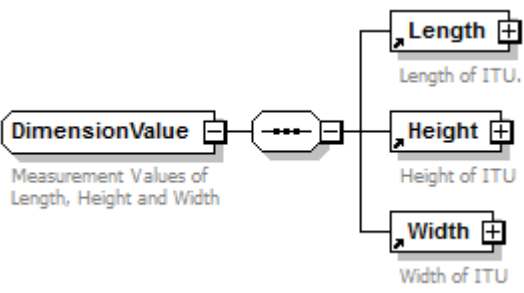
element **DanGoodsType/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOFGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element **DanGoodsType/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID
source	<pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre>

complexType **DimensionValue**

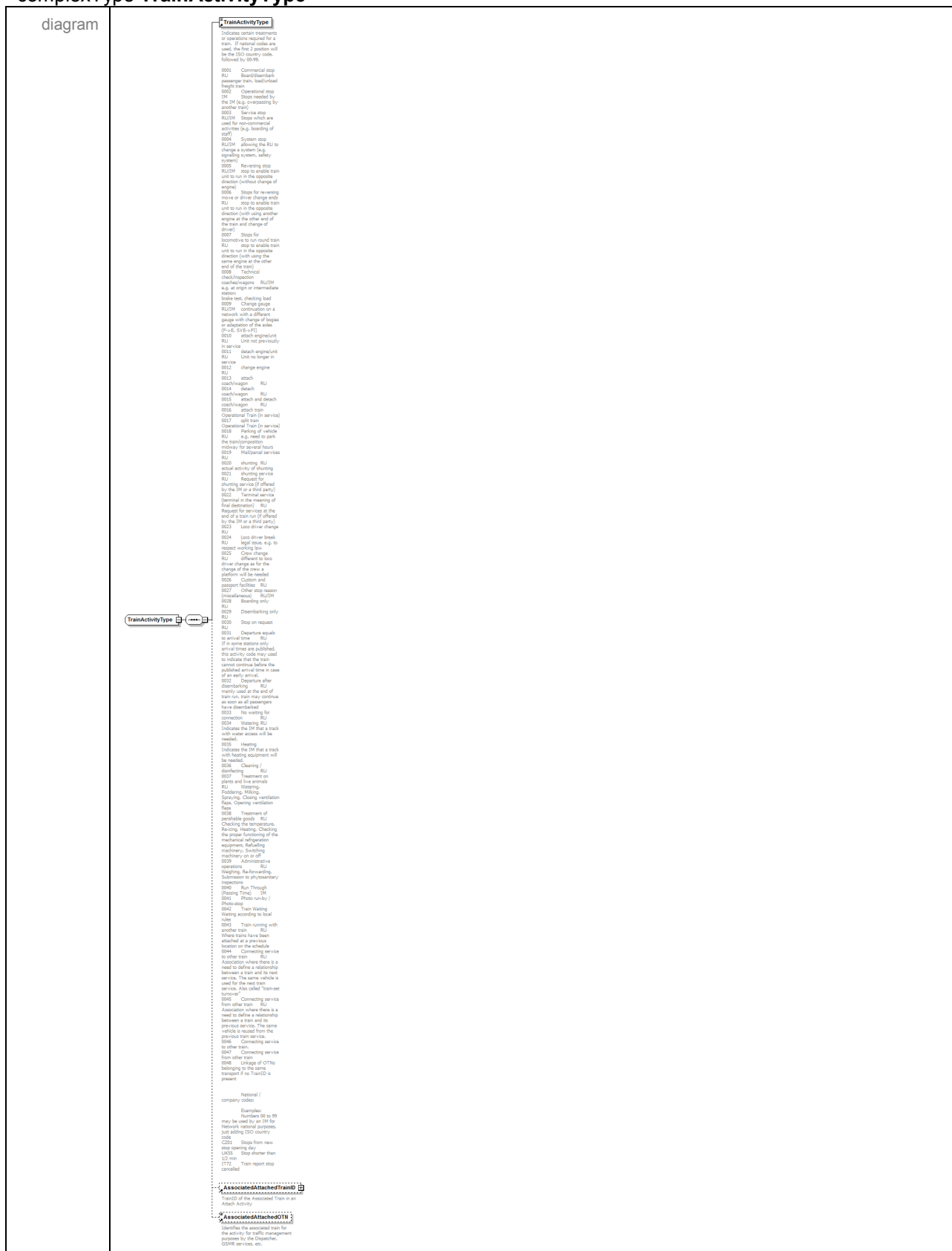
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

children	Length Height Width
annotation	documentation Measurement Values of Length, Height and Width
source	<pre> <xs:complexType name="DimensionValue"> <xs:annotation> <xs:documentation>Measurement Values of Length, Height and Width</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="Length"/> <xs:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType> </pre>

complexType LocationIdent

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination ConsignmentOrderMessage/COMS/COM/RU Declarations/DifferentAcceptance/DifferentAcceptancePoint EndLocation AffectedSection/EndOfSection IntermediateDestination JourneySection/JourneySectionDestination JourneySection/JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint
annotation	documentation Indication of the Railway or Customer Location
source	<pre> <xs:complexType name="LocationIdent"> <xs:annotation> <xs:documentation>Indication of the Railway or Customer Location</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **TrainActivityType**



namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN
used by	element TrainActivity
source	<pre> <xs:complexType name="TrainActivityType"> <xs:sequence> <xs:element ref="TrainActivityType"/> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0"/> <xs:element ref="AssociatedAttachedOTN" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
children	StartDate EndDate
used by	elements LocationPrimaryInformation/FreightValidityPeriod LocationValidityPeriod LocationPrimaryInformation/PassengerValidityPeriod
source	<pre> <xs:complexType name="ValidityPeriod"> <xs:sequence> <xs:element ref="StartDate" minOccurs="0"/> <xs:element ref="EndDate" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

simpleType **CauseCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Numeric4-4		
properties	base	Numeric4-4	
used by	element	CauseType	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
annotation	documentation Cause of a damage or restriction		
source	<pre><xs:simpleType name="CauseCode"> <xs:annotation> <xs:documentation>Cause of a damage or restriction</xs:documentation> </xs:annotation> <xs:restriction base="Numeric4-4"/> </xs:simpleType></pre>		

simpleType CommunicationRefID

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	eMail FaxNumber PhoneNumber TrainContactDetails	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	70	
annotation	documentation	Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)	
source	<pre><xs:simpleType name="CommunicationRefID"> <xs:annotation> <xs:documentation>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre>		

simpleType CompanyCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of String4-4		
properties	base	String4-4	
used by	elements	AllocationCompany Company CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU IM_Partner ImpactedRU LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU_Recipient ResponsibleApplicant ResponsibleIM ResponsibleRU RU_Partner Sender ConsignmentOrderMessage/COMS/COM_Header/SendingRU_TransfereeIM	
facets	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><xs:simpleType name="CompanyCode"> <xs:annotation> <xs:documentation>Identifies the RU, IM or other company involved in the Rail Transport Chain</xs:documentation> </xs:annotation> <xs:restriction base="String4-4"> <xs:pattern value="[0-9A-Z]{4}"/> </xs:restriction> </xs:simpleType></pre>		

simpleType CountryIdentISO

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string

properties	base xs:string
used by	elements CountryCodeISO ITU_Details/DepartureCountry RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries OriginCountry RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry RollingStockDataset/AdministrativeDataSet/RegistrationCountry UltimateDestinationCountry
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO 3166-1 alpha code (2 positions)
source	<pre> <xs:simpleType name="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO 3166-1 alpha code (2 positions)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </pre>

simpleType DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	base xs:string
used by	elements AgainstBooked AgainstReferenced
facets	Kind Value Annotation length 5
annotation	documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric
source	<pre> <xs:simpleType name="DeltaTime"> <xs:annotation> <xs:documentation>Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType> </pre>

simpleType DerailmentDetectionDevice

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	base xs:string
used by	element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
annotation	documentation Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with

	such The EDT MDV Non	following	values	are	device. defined: 101 100 device
source	<pre> <xs:simpleType name="DerailmentDetectionDevice"> <xs:annotation> <xs:documentation>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EDT 101"/> <xs:enumeration value="MDV 100"/> <xs:enumeration value="Non coded device"/> </xs:restriction> </xs:simpleType> </pre>				

simpleType EquipmentNumberType

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	GoodsInWagon/ContainerNumber ITU_Details/Number	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	13	
annotation	documentation Number of ITU		
source	<pre> <xs:simpleType name="EquipmentNumberType"> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="13"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType EquipmentTypeType

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base xs:token		
used by	element	ITU_Type	
facets	Kind	Value	Annotation
	enumeration	cn	documentation Container
	enumeration	sw	documentation

	enumeration te swap body documentation Trailer (RollingRoad)
annotation	documentation Type of equipment
source	<pre> <xs:simpleType name="EquipmentTypeType"> <xs:annotation> <xs:documentation>Type of equipment</xs:documentation> </xs:annotation> <xs:restriction base="xs:token" value="cn"> <xs:enumeration> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="sw"> <xs:annotation> <xs:documentation>swap body</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="te"> <xs:annotation> <xs:documentation>Trailer (RollingRoad)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

simpleType ForwardingRestrictionType

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	15	
	enumeration	16	
	enumeration	41	
	enumeration	42	
	enumeration	61	
	enumeration	62	
	enumeration	63	
	enumeration	70	
	enumeration	71	
	enumeration	92	
	enumeration	94	
	enumeration		
annotation	documentation		

	Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load
source	<pre> <xs:simpleType name="ForwardingRestrictionType"> <xs:annotation> <xs:documentation>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </pre>

simpleType FreeText

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	AdditionalInstruction Address CauseDescription Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TransportInstruction NetworkSpecificParameter/Value CargoCodeType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
annotation	documentation Clear Text in ISO Unicode character set		
source	<pre> <xs:simpleType name="FreeText"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </pre>		

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

simpleType Name

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	VesselName	
facets	Kind	Value	Annotation
	maxLength	254	
annotation	documentation Name in Free Text		
source	<pre><xs:simpleType name="Name"> <xs:annotation> <xs:documentation>Name in Free Text</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="254"/> </xs:restriction> </xs:simpleType></pre>		

simpleType NHMCodeType

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements	NHM_Code Goods/PreviousLoadedGood	
facets	Kind	Value	Annotation
	length	6	
	pattern	\d*[1-9]\d*	
annotation	documentation	NHM Code	
source	<pre><xs:simpleType name="NHMCodeType"> <xs:annotation> <xs:documentation>NHM Code</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*" /> </xs:restriction> </xs:simpleType></pre>		

simpleType Numeric1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:positiveInteger
properties	base xs:positiveInteger
used by	elements RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase LocationPrimaryCode

	<u>RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory</u>		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
source	<pre> <xs:simpleType <xs:restriction <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> name="Numeric1-5" base="xs:positiveInteger" </pre>		

simpleType Numeric1-6

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:int		
properties	base xs:int		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	999999	
source	<pre> <xs:simpleType <xs:restriction <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> name="Numeric1-6" base="xs:int" </pre>		

simpleType Numeric2-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	<u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAccreditedRecognizedBody</u> <u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear</u> <u>MessageRoutingID</u> <u>RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType</u> <u>AirBrake/NumberOfBrakes</u> <u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN</u> <u>WagonTechData/TechnicalRestrictions</u>	
	attribute	<u>CI InstanceNumber</u>	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
source	<pre> <xs:simpleType <xs:restriction <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> name="Numeric2-2" base="xs:integer" </pre>		

simpleType Numeric3-3

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
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type	restriction of xs:integer		
properties	base	xs:integer	
used by	elements	AirBrake/LoadChangeDevice/AirBrakedMassLoaded	
	simpleType	AirBrake/LoadChangeDevice/ChangeOverWeight Speed	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
source	<pre> <xs:simpleType name="Numeric3-3"> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType Numeric4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	base	xs:integer	
used by	elements	LengthOfSetOfCarriages	
	simpleType	RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength CauseCode	
facets	Kind	Value	Annotation
	minInclusive	0001	
	maxInclusive	9999	
source	<pre> <xs:simpleType name="Numeric4-4"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType Speed

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Numeric3-3		
properties	base	Numeric3-3	
used by	elements	HighestPlannedSpeed PlannedSpeed TrainMaxSpeed	
facets	Kind	Value	Annotation
	minInclusive	001	
	maxInclusive	999	
annotation	documentation	Shown in Km/h	
source	<pre><xs:simpleType name="Speed"> <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction base="Numeric3-3"/> </xs:simpleType></pre>		

simpleType String1-10

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element	LocationSubsidiaryCode	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
source	<pre> <xs:simpleType name="String1-10"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10" fixed="false"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType String1-14

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element	CustomerCode/PrimaryCode	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	14	
source	<pre> <xs:simpleType name="String1-14"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="14"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType String1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element	DelayMinutes	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	5	
source	<pre> <xs:simpleType name="String1-5"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType String1-7

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	CustomerCode/AdditionalCode	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	7	
source	<pre><xs:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType></pre>		

simpleType String1-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	AssociatedAttachedOTN OperationalTrainNumber	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
source	<pre><xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre>		

simpleType String4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	simpleType	CompanyCode	
facets	Kind	Value	Annotation
	minLength	4	
	maxLength	4	
source	<pre><xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType></pre>		

simpleType String5-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	minLength	5	
	maxLength	5	
source	<pre><xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>		
	<pre>name="String5-5"> base="xs:string"> value="5"/> value="5"/></pre>		

simpleType String5-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	minLength	5	
	maxLength	8	
source	<pre><xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>		
	<pre>name="String5-8"> base="xs:string"> value="5"/> value="8"/></pre>		

simpleType Time

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	xs:time		
properties	base xs:time		
annotation	documentation Time expressed in HH:MM:SS		
source	<pre><xs:simpleType <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> <xs:restriction </xs:simpleType></pre>		
	<pre>name="Time"> base="xs:time"/></pre>		

simpleType VolumeValue

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	xs:float		
properties	base xs:float		

used by	elements DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume Volume
annotation	documentation Volume value of the load units by cbm
source	<pre> <xs:simpleType name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType> </pre>

simpleType WagonIdent

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight	
facets	Kind	Value	Annotation
	maxLength	12	
	pattern	[0-9]{12}	
annotation	documentation	Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.	
source	<pre><xs:simpleType name="WagonIdent"> <xs:annotation> <xs:documentation>Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="[0-9]{12}"/> </xs:restriction> </xs:simpleType></pre>		

simpleType WeightValueKilo

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements	DangerousGoodsWeight GrossWeight MaxGrossWeight ITU Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999	
	whiteSpace	collapse	
annotation	documentation In Kilograms		
source	<xs:simpleType name="WeightValueKilo"> <xs:annotation>		

	<pre> <xs:documentation>In </xs:annotation> <xs:restriction <xs:minInclusive <xs:maxInclusive <xs:whiteSpace </xs:restriction> </xs:simpleType> </pre>	<pre> Kilograms</xs:documentation> base="xs:integer"> value="0"/> value="999999"/> value="collapse"/> </pre>
--	--	--

simpleType WeightValueTonne

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:int		
properties	base xs:int		
used by	elements	TractionWeight TrainWeight WeightOfSetOfCarriages	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation In Tonnes		
source	<pre> <xs:simpleType <xs:annotation> <xs:documentation>In Tonnes</xs:documentation> </xs:annotation> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </pre>		

attribute CI_InstanceNumber

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	Numeric2-2		
used by	elements	Recipient Sender	
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
annotation	documentation Number of a Common Interface Instance for the same Company		
source	<pre> <xs:attribute name="CI_InstanceNumber" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of a Common Interface Instance for the same Company</xs:documentation> </xs:annotation> </xs:attribute> </pre>		

3. Schema taf_cat_codelists.xsd

schema location: [C:\Projects\TAF-TSI\taf_cat_codelists.xsd](#)
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/2.5>

Elements	Simple types	Attributes
AirBrakeType	ConsignmentTypeCode	JourneyLocationTypeCode
BrakeSpecialCharacteristics	DelayCode	LocationSubsidiaryTypeCode
BrakeType	InfoIndex	TimingQualifierCode
BrakingPowerVariationDevice	MessageCode	
CombinedTrafficLoadProfile	RestrictionCodes	
ConsignmentOrderType	RunningStatus	
CouplingType	TrainCC Syst	
DangerLabel	TypeOfIMHarmonizationCode	
HandBrakeType	TypeOfInformationCode	
InfoOnGoodsShapeTypeDanger	TypeOfRequestCode	
InteropCapability	TypeOfRUHarmonizationCode	
LivestockOrPeopleIndicator	UnitType	
LoadTableStars		
MessageStatus		
MRN_Type		
NormalLoadingGauge		
PackingGroup		
RefusalCode		
RouteClass		
SpecialServiceDescriptionCode		
TractionMode		
TractionType		
TrainCC_SystemCode		
TrainRadioSystem		
TrainType		
TypeOfRemovableAccessories		
WheelSetTransformationMethod		

element **AirBrakeType**

diagram	<div></div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:token
properties	content simple

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><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></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	<table><tr><td>documentation</td><td></td><td></td><td></td><td></td></tr><tr><td>Classification</td><td></td><td>of</td><td>air</td><td>brake.</td></tr><tr><td>additional</td><td></td><td></td><td></td><td>code:</td></tr><tr><td>8</td><td>No air brake or brake pipe</td><td>The code is defined in UIC Leaflet 920-13.</td><td></td><td></td></tr></table>	documentation					Classification		of	air	brake.	additional				code:	8	No air brake or brake pipe	The code is defined in UIC Leaflet 920-13.			
documentation																						
Classification		of	air	brake.																		
additional				code:																		
8	No air brake or brake pipe	The code is defined in UIC Leaflet 920-13.																				
source	<pre><xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake. additional code: 8 No air brake or brake pipeThe code is defined in UIC Leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="8"/> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>																					

element **BrakeSpecialCharacteristics**

diagram	<div><div>BrakeSpecialCharacteristics</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></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:token												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>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></tbody></table>	Kind	Value	Annotation	enumeration	0	documentation Cast Iron Brake Blocks	enumeration	1	documentation Disc Brake	enumeration	2	documentation K-Brake Blocks
Kind	Value	Annotation											
enumeration	0	documentation Cast Iron Brake Blocks											
enumeration	1	documentation Disc Brake											
enumeration	2	documentation K-Brake Blocks											

	<p>enumeration 3 documentation Cast Iron Brake Blocks, single release brake</p> <p>enumeration 4 documentation Composite Brake Blocks, single release brake</p> <p>enumeration 5 documentation L-Brake Blocks</p> <p>enumeration 6 documentation LL-Brake Blocks</p> <p>enumeration 9 documentation Unknown or non-coded information</p>
annotation	<p>documentation</p> <p>General brake characteristics. The values refer to UIC leaflet 920-13:</p> <p>0 = Cast Iron Brake Blocks</p> <p>1 = Disc Brake Blocks</p> <p>2 = K-Brake Blocks</p> <p>3 = Cast Iron Brake Blocks, single release brake</p> <p>4 = Composite Brake Blocks, single release brake</p> <p>5 = L-Brake Blocks</p> <p>6 = LL-Brake Blocks</p> <p>9 = Unknown or non-coded information</p>
source	<pre> <xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake Blocks 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 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Disc Brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>K-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks, single release brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Composite Brake Blocks, single release </pre>

	<pre> brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>L-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>LL-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Unknown or non-coded information</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **BrakeType**

diagram	<div><div><div>BrakeType</div></div><div>Type of braking system.</div><div>additional:</div><div>X For indication: brake system of the freight wagon out of order (actually / current)</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:token												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>G</td><td></td></tr><tr><td>enumeration</td><td>P</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	G		enumeration	P		enumeration	X	
Kind	Value	Annotation											
enumeration	G												
enumeration	P												
enumeration	X												
annotation	<div>documentation</div> <div>Type of braking system.</div> <div>additional:</div> <div>X For indication: brake system of the freight wagon out of order (actually / current)</div>												
source	<pre><xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system. additional: X For indication: brake system of the freight wagon out of order (actually / current) </xs:documentation> </xs:annotation></pre>												

	<pre> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G"/> <xs:enumeration value="P"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **BrakingPowerVariationDevice**

diagram	<div><div>BrakingPowerVariationDevice</div><div>Coding in 404-2, chapter 1.8</div></div>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																		
type	restriction of xs:integer																		
properties	content simple																		
facets	<table><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><xs:element name="BrakingPowerVariationDevice"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer" value="0"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>no braked weight variation device</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with one changeover weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with two or three changeover weights</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>linear auto continuous device with indication of</pre>																		

	<pre> maximum </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>non-codable variation device</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> braked weight</xs:documentation> value="9"> </pre>
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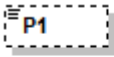
element **CombinedTrafficLoadProfile**

diagram	<p>CombinedTrafficLoadProfile</p> <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): <ul style="list-style-type: none"> 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): <ul style="list-style-type: none"> 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 <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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
properties	content complex
children	P1 P2 C1 C2
annotation	<p>documentation</p> <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): <ul style="list-style-type: none"> 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): <ul style="list-style-type: none"> 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 <p>The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request</p>

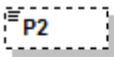
	for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.
source	<pre> <xs:element name="CombinedTrafficLoadProfile"> <xs:annotation> <xs:documentation>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is less or equal 2550 mm. C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm • The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element CombinedTrafficLoadProfile/P1

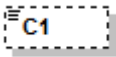
diagram	 <p>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
source	<pre> <xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi- trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element CombinedTrafficLoadProfile/P2

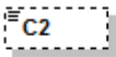
diagram	 <p>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5

type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
source	<pre> <xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi- trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
source	<pre> <xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **CombinedTrafficLoadProfile/C2**

diagram	 <p>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:string
properties	minOcc 0

	maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
source	<pre> <xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element ConsignmentOrderType

diagram	<div><div><div>ConsignmentOrderType</div></div><div><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></div></div>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																					
type	restriction of xs:token																					
properties	content simple																					
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><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></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
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																				

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


	<pre> <xs:enumeration value="TRX"> <xs:annotation> <xs:documentation>Update for TRU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="TRD"> <xs:annotation> <xs:documentation>Deletion of TRU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DRU"> <xs:annotation> <xs:documentation>Subset for RU which takes consignment to destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DRX"> <xs:annotation> <xs:documentation>Update for DRU</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DRD"> <xs:annotation> <xs:documentation>Deletion for DRU</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **CouplingType**

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

element **DangerLabel**

diagram	 <p>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>1 Explosive materials, divisions 1.1, 1.2 and 1.3</p> <p>1.4 Explosive materials, division 1.4</p> <p>1.5 Explosive materials, division 1.5</p> <p>1.6 Explosive materials, division 1.6</p> <p>2.1 Flammable gases</p> <p>2.2 Non-flammable, non-toxic gases</p> <p>2.3 Toxic gases</p> <p>3 Flammable liquids</p> <p>4.1 Flammable solids, self-reactive substances and solid desensitized explosives</p> <p>4.2 Substances liable to spontaneous combustion</p> <p>4.3 Substances which, in contact with water, emit flammable gases</p> <p>5.1 Oxidizing substances</p> <p>5.2 Organic peroxides</p> <p>6.1 Toxic substances</p> <p>6.2 Infectious substances</p> <p>7A Radioactive material, category I</p> <p>7B Radioactive material, category II</p> <p>7C Radioactive material, category III</p> <p>7D (obsolete) should be used for general information about class 7</p> <p>7E Fissile radioactive material</p> <p>8 Corrosive substances</p> <p>9 Miscellaneous dangerous substances and articles</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	1.4	
	enumeration	1.5	
	enumeration	1.6	
	enumeration	2.1	
	enumeration	2.2	
	enumeration	2.3	
	enumeration	3	
	enumeration	4.1	

	<p>enumeration 4.2</p> <p>enumeration 4.3</p> <p>enumeration 5.1</p> <p>enumeration 5.2</p> <p>enumeration 6.1</p> <p>enumeration 6.2</p> <p>enumeration 7A</p> <p>enumeration 7B</p> <p>enumeration 7C</p> <p>enumeration 7D</p> <p>enumeration 7E</p> <p>enumeration 8</p> <p>enumeration 9</p>
annotation	<p>documentation</p> <p>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>1 Explosive materials, divisions 1.1, 1.2 and 1.3</p> <p>1.4 Explosive materials, division 1.4</p> <p>1.5 Explosive materials, division 1.5</p> <p>1.6 Explosive materials, division 1.6</p> <p>2.1 Flammable gases</p> <p>2.2 Non-flammable, non-toxic gases</p> <p>2.3 Toxic gases</p> <p>3 Flammable liquids</p> <p>4.1 Flammable solids, self-reactive substances and solid desensitized explosives</p> <p>4.2 Substances liable to spontaneous combustion</p> <p>4.3 Substances which, in contact with water, emit flammable gases</p> <p>5.1 Oxidizing substances</p> <p>5.2 Organic peroxides</p> <p>6.1 Toxic substances</p> <p>6.2 Infectious substances</p> <p>7A Radioactive material, category I</p> <p>7B Radioactive material, category II</p> <p>7C Radioactive material, category III</p> <p>7D (obsolete) should be used for general information about class 7</p> <p>7E Fissile radioactive material</p> <p>8 Corrosive substances</p> <p>9 Miscellaneous dangerous substances and articles</p>
source	<pre><xs:element name="DangerLabel"> <xs:annotation> <xs:documentation>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification). 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids, self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances 5.2 Organic peroxides 6.1 Toxic substances</pre>

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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</xs:annotation>

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<xs:enumeration value="6.2"/>

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<xs:enumeration value="7B"/>

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<xs:enumeration value="7E"/>

<xs:enumeration value="8"/>

<xs:enumeration value="9"/>

</xs:restriction>

</xs:simpleType>

</xs:element>

element HandBrakeType

diagram	<div><div><div>HandBrakeType</div></div><div>Classification of hand brake:</div><div><div>0</div><div>No hand brake</div></div><div><div>1</div><div>Ground-operated hand brake</div></div><div><div>2</div><div>Platform-operated hand brake</div></div></div>
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	<div>enumeration 1</div> <div>enumeration 2</div>
annotation	<div>documentation</div> <div>Classification of hand brake:</div> <div>0 No hand brake</div> <div>1 Ground-operated hand brake</div> <div>2 Platform-operated hand brake</div>
source	<div><xs:element name="HandBrakeType"></div> <div><xs:annotation></div> <div><xs:documentation>Classification of hand brake:</div> <div>0 No hand brake</div> <div>1 Ground-operated hand brake</div> <div>2 Platform-operated hand brake</div> <div></xs:documentation></div> <div></xs:annotation></div> <div><xs:simpleType></div> <div><xs:restriction base="xs:token"></div> <div><xs:enumeration value="0"/></div> <div><xs:enumeration value="1"/></div> <div><xs:enumeration value="2"/></div> <div></xs:restriction></div> <div></xs:simpleType></div> <div></xs:element></div>

element **InfoOnGoodsShapeTypeDanger**

diagram

<div><div>InfoOnGoodsShapeTypeDanger</div><div>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</div><div>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)</div><div>The following documentation serves for the existing codes: 1 Container 2 Other intermodal traffic 3 Rolling road (RR) 6 Semi-Trailer on bogies 10 1 - danger of explosion (subclass 1.1, 1.2, 1.3) 14 1.4 - danger of explosion (subclass 1.4) 15 1.5 - danger of explosion (subclass 1.5) 16 1.6 - danger of explosion (subclass 1.6) 21 2.1 - inflammable gases 22 2.2 - non inflammable,non-toxic gases 23 2.3 - toxic gases 30 3 - fire hazard (inflammable liquids) 41 4.1 - fire hazard (inflammable solids) 42 4.2 - spontaneously inflammable 43 4.3 - gives off inflammable gas on contact with water 51 5.1 - combustible substance 52 5.2 - organic peroxide 61 6.1 - toxic substance 62 6.2 - infectious substance 71 7A - radioactive substance in category I packing WHITE 72 7B - radioactive substance in category II packing YELLOW 73 7C - radioactive substance in category III packing YELLOW 74 7D - Common label for radioactive substances included under 7A, 7B + 7C 75 7E - fissible substance 80 8 - corrosive substance 90 Various dangerous substance and objects not covered by the other classes 98 Livestock 99 Perishables</div></div>																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																											
type	restriction of xs:token																											
properties	content simple																											
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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>06</td><td></td></tr><tr><td>enumeration</td><td>98</td><td></td></tr><tr><td>enumeration</td><td>99</td><td></td></tr><tr><td>enumeration</td><td>10</td><td></td></tr><tr><td>enumeration</td><td>14</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	01		enumeration	02		enumeration	03		enumeration	06		enumeration	98		enumeration	99		enumeration	10		enumeration	14	
Kind	Value	Annotation																										
enumeration	01																											
enumeration	02																											
enumeration	03																											
enumeration	06																											
enumeration	98																											
enumeration	99																											
enumeration	10																											
enumeration	14																											

	<p>enumeration 15</p> <p>enumeration 16</p> <p>enumeration 21</p> <p>enumeration 22</p> <p>enumeration 23</p> <p>enumeration 30</p> <p>enumeration 41</p> <p>enumeration 42</p> <p>enumeration 43</p> <p>enumeration 51</p> <p>enumeration 52</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 71</p> <p>enumeration 72</p> <p>enumeration 73</p> <p>enumeration 74</p> <p>enumeration 75</p> <p>enumeration 80</p> <p>enumeration 90</p> <p>enumeration 96</p> <p>enumeration 97</p>
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 - 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>
source	<p><xs:element name="InfoOnGoodsShapeTypeDanger"></p> <p><xs:annotation></p>

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<xs:documentation>Additional codified information on the load. Coding
Structures as defined in 404-2 chapter 4.1
Codes to add are given in the table below:
96 Environmentally hazardous substance (RID 5.2.1.8)
97 More than 8 tons of dangerous goods packaged in limited quantities (LQ)

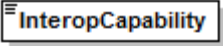
The following documentation serves for the existing codes:
1 Container
2 Other intermodal traffic
3 Rolling road (RR)
6 Semi-Trailer on bogies
10 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
14 1.4 - danger of explosion (subclass 1.4)
15 1.5 - danger of explosion (subclass 1.5)
16 1.6 - danger of explosion (subclass 1.6)
21 2.1 - inflammable gases
22 2.2 - non inflammable, non-toxic gases
23 2.3 - toxic gases
30 3 - fire hazard (inflammable liquids)
41 4.1 - fire hazard (inflammable solids)
42 4.2 - spontaneously inflammable
43 4.3 - gives off inflammable gas on contact with water
51 5.1 - combustible substance
52 5.2 - organic peroxide
61 6.1 - toxic substance
62 6.2 - infectious substance
71 7A - radioactive substance in category I packing WHITE
72 7B - radioactive substance in category II packing YELLOW
73 7C - radioactive substance in category III packing YELLOW
74 7D - Common label for radioactive substances included under 7A, 7B +
7C
75 7E - fissible substance
80 8 - corrosive substance
90 Various dangerous substance and objects not covered by the other
classes
98 Livestock
99 Perishables

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element InteropCapability

diagram	 <p>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage:</p> <p>01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid)</p> <p>03 = RIV 05 = TEN</p> <p>06 = TEN-GE 07 = TEN-CW</p> <p>08 = TEN RIV</p>		
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type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
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	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	07	
	enumeration	08	
annotation	<p>documentation</p> <p>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage:</p> <p>01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid)</p> <p>03 = RIV</p>		

	05 = TEN
	06 = TEN-GE
	07 = TEN-CW
	08 = TEN RIV
source	<pre> <xs:element name="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage: 01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid) 03 = RIV 05 = TEN 06 = TEN-GE 07 = TEN-CW 08 = TEN RIV</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="2"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="07"/> <xs:enumeration value="08"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **LivestockOrPeopleIndicator**

diagram	<div><div><div><div><div></div><div>LivestockOrPeopleIndicator</div></div></div></div><p>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</p></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><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 Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'
source	<pre> <xs:element name="LivestockOrPeopleIndicator"> <xs:annotation> <xs:documentation>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'<!--</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre--> </pre>

element LoadTableStars

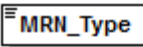
diagram	<div><div><div>≡</div><div>LoadTableStars</div></div><p>Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p></div>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5															
type	restriction of xs:integer															
properties	content simple															
facets	<table><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></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	totalDigits	1		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
totalDigits	1															
enumeration	1															
enumeration	2															
enumeration	3															
annotation	<div>documentation</div> <div>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.</div>															

source	<pre> <xs:element name="LoadTableStars"> <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:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element MessageStatus

diagram	<div><div>MessageStatus</div><div>Assigned by the Sender 1=creation, 2=modification, 3=deletion</div></div>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5												
type	restriction of xs:token												
properties	content simple												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation											
enumeration	1												
enumeration	2												
enumeration	3												
annotation	documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion												
source	<pre><xs:element name="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=creation, 2=modification, 3=deletion</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </xs:element></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/2.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
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	enumeration	MRN-TS	documentation if a TRANSIT declaration with SECURITY data has been lodged
	enumeration	MRN-EXS	documentation if the EXIT SUMMARY declaration has been made separately by the consignor
	enumeration	MRN-ENS	documentation if the ENTRY SUMMARY declaration has been made separately by the consignor
annotation	documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor		
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element **NormalLoadingGauge**

diagram	<div><div><div><div></div></div><div><div>NormalLoadingGauge</div></div></div><div><p>Wagon or load gauge code used in UK, coded in UIC 505-1 and 503:</p><p>All codes are defined in the UIC Leaflet 505-1 and 503, as well as in the EN 15273-2. 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. For the new ones, use the table below.</p><p>Candidate:</p><table><tr><td>G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A.</td><td></td></tr></table><p>Lately added:</p><table><tr><td>G1</td><td>Annex A.3</td></tr><tr><td>G2</td><td>Annex</td></tr><tr><td>E.1.2</td><td></td></tr><tr><td>GB2</td><td>Annex</td></tr><tr><td>C.1.2</td><td></td></tr><tr><td>GB-M6</td><td>Annex N.4 (annex currently in preparation)</td></tr><tr><td>GHE16</td><td>Annex P.3</td></tr><tr><td>W6-A</td><td>W6a is designed for non-bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60')</td></tr></table></div></div>	G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A.		G1	Annex A.3	G2	Annex	E.1.2		GB2	Annex	C.1.2		GB-M6	Annex N.4 (annex currently in preparation)	GHE16	Annex P.3	W6-A	W6a is designed for non-bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60')																																	
G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A.																																																				
G1	Annex A.3																																																			
G2	Annex																																																			
E.1.2																																																				
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Kind	Value	Annotation																																																		
enumeration	G1																																																			
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annotation	<div><div>documentation</div><div>Wagon or load gauge code used in UK, coded in UIC 505-1 and 503: All codes are defined in the UIC Leaflet 505-1 and 503, as well as in the EN 15273-2. 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. For the new ones, use the table below.</div><div>Candidate:</div></div>																																																			

	<p>G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A.</p> <p>Lately added:</p> <p>G1 Annex A.3</p> <p>G2 Annex E.1.2</p> <p>GB2 Annex C.1.2</p> <p>GB-M6 Annex N.4 (annex currently in preparation) P.3</p> <p>GHE16 Annex</p> <p>W6-A W6a is designed for non- bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60')</p>
source	<pre> <xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation>Wagon or load gauge code used in UK, coded in UIC 505- 1 and 503: All codes are defined in the UIC Leaflet 505-1 and 503, as well as in the EN 15273-2. 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. For the new ones, use the table below. Candidate: G1, G2, GA, GB, GC, CM, CE, M2, M3, M4, GB1, GB2, GB-M6, GHE16, W6-A. Lately added: G1 Annex A.3 G2 Annex E.1.2 GB2 Annex C.1.2 GB-M6 Annex N.4 (annex currently in preparation) P.3 GHE16 Annex W6-A W6a is designed for non- bogied wagons with axle spacings of 12.8m (42'), and 18.3m length (60') </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G1"/> <xs:enumeration value="G2"/> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GC"/> <xs:enumeration value="CM"/> <xs:enumeration value="CE"/> <xs:enumeration value="M2"/> <xs:enumeration value="M3"/> <xs:enumeration value="M4"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GB2"/> <xs:enumeration value="GB-M6"/> <xs:enumeration value="GHE16"/> <xs:enumeration value="W6-A"/> <xs:enumeration value="SEa"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **PackingGroup**


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	<pre> <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> value="III"/> </pre>
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element **RefusalCode**

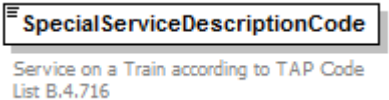
diagram	<div><div><div>RefusalCode</div></div><div><div>Code List Candidate:</div><div>1 = Data not authorised by Wagon Keeper</div><div>2 = Wagon number freight unknown</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:integer									
properties	content simple									
facets	<table><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	<div>documentation</div> <div><div>Code</div><div>List</div><div>Candidate:</div><div>1 = Data not authorised by Wagon Keeper</div><div>2 = Wagon number freight unknown</div></div>									
source	<pre><xs:element name="RefusalCode"> <xs:annotation> <xs:documentation>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **RouteClass**

diagram	 <p>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	enumeration	A	
	enumeration	B	
	enumeration	B1	
	enumeration	B2	
	enumeration	C	
	enumeration	C2	
	enumeration	C3	
	enumeration	C4	
	enumeration	CM	
	enumeration	CM2	
	enumeration	CM3	
	enumeration	CM4	
	enumeration	CE	
	enumeration	D	
	enumeration	D2	
	enumeration	D3	
	enumeration	D4	
	enumeration	D5	
	enumeration	E	
	enumeration	E4	
	enumeration	E5	
	enumeration	E6	
	enumeration	F	
	enumeration	G	
annotation	documentation Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.		
source	<xs:element name="RouteClass">		

	<pre> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="B1"/> <xs:enumeration value="B2"/> <xs:enumeration value="C"/> <xs:enumeration value="C2"/> <xs:enumeration value="C3"/> <xs:enumeration value="C4"/> <xs:enumeration value="CM"/> <xs:enumeration value="CM2"/> <xs:enumeration value="CM3"/> <xs:enumeration value="CM4"/> <xs:enumeration value="CE"/> <xs:enumeration value="D"/> <xs:enumeration value="D2"/> <xs:enumeration value="D3"/> <xs:enumeration value="D4"/> <xs:enumeration value="D5"/> <xs:enumeration value="E"/> <xs:enumeration value="E4"/> <xs:enumeration value="E5"/> <xs:enumeration value="E6"/> <xs:enumeration value="F"/> <xs:enumeration value="G"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **SpecialServiceDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	3	documentation Additional loading
	enumeration	4	documentation Additional unloading
	enumeration	5	documentation Breakfast

	enumeration 6	documentation Dinner
	enumeration 7	documentation Loading
	enumeration 8	documentation Lunch
	enumeration 9	documentation Unloading
	enumeration 11	documentation Child
	enumeration 21	documentation Cold buffet
	enumeration 22	documentation Restaurant in 1st class only
	enumeration 23	documentation Hot buffet
	enumeration 24	documentation Meal included for 1st class passengers
	enumeration 25	documentation Trolley
	enumeration 26	documentation Snack
	enumeration 27	documentation Disabled
	enumeration 28	documentation Movies
	enumeration 29	documentation Business
	enumeration 30	documentation Nursery
	enumeration 31	documentation Buffet
	enumeration 32	documentation Special services for military
	enumeration 33	documentation Boarding possible 2 hours before departure
	enumeration 34	documentation Alighting possible until 2 hours after arrival
	enumeration 35	documentation Boarding possible 30 minutes before departure
	enumeration 36	documentation Alighting possible until 30 minutes after arrival
	enumeration 37	documentation Postal services
	enumeration 38	documentation Meal at the seat
	enumeration 39	documentation Self service
	enumeration 40	documentation Overnight stay
	enumeration 41	documentation Luggage transport
	enumeration 42	documentation Luggage transport excluded
	enumeration 43	documentation Music
	enumeration 44	documentation Check-in
	enumeration 45	documentation Check-out
annotation	documentation Service on a Train according to TAP Code List B.4.716	
source	<pre> <xs:element name="SpecialServiceDescriptionCode"> <xs:annotation> <xs:documentation>Service on a Train according to TAP Code List B.4.716</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="3"> <xs:annotation> </pre>	

	<pre> <xs:documentation xml:lang="en">Additional loading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation xml:lang="en">Additional unloading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation xml:lang="en">Breakfast</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation xml:lang="en">Dinner</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation xml:lang="en">Loading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation xml:lang="en">Lunch</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation xml:lang="en">Unloading</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation xml:lang="en">Child</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation xml:lang="en">Cold buffet</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation xml:lang="en">Restaurant in 1st class only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="23"> <xs:annotation> <xs:documentation xml:lang="en">Hot buffet</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> </pre>
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	<pre> <xs:documentation xml:lang="en">Meal included for 1st class passengers</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation xml:lang="en">Trolley</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation xml:lang="en">Snack</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation xml:lang="en">Disabled</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation xml:lang="en">Movies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="29"> <xs:annotation> <xs:documentation xml:lang="en">Business</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="30"> <xs:annotation> <xs:documentation xml:lang="en">Nursery</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation xml:lang="en">Buffet</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="32"> <xs:annotation> <xs:documentation xml:lang="en">Special services for military</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="33"> <xs:annotation> <xs:documentation xml:lang="en">Boarding possible 2 hours before departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="34"> <xs:annotation> <xs:documentation xml:lang="en">Alighting possible until 2 hours after arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="35"> </pre>
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	<pre></xs:restriction> </xs:simpleType> </xs:element></pre>
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element **TractionMode**

diagram	<div> <div>TractionMode</div> <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>61 Train Traction in a push-pull train 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>62 Train Traction in a push-pull train 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>63 Train Traction in a push-pull train 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>64 Train Traction in a push-pull train 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>65 Train Traction in a push-pull train 5th traction unit in the group</p> <p>16 Train traction 6th traction unit in the group</p> <p>26 Intermediate traction 6th traction unit in the group</p> <p>36 Banking locomotive 6th traction unit in the group</p> <p>46 Banking locomotive not coupled 6th traction unit in the group</p> <p>56 No Leading Engine 6th traction unit in the group</p> <p>66 Train Traction in a push-pull train 6th traction unit in the group</p> </div>
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5
type	restriction of xs:integer

properties	content	simple
facets	<div>Kind</div> <div>minInclusive 11</div> <div>maxInclusive 99</div> <div>enumeration 11</div> <div>enumeration 21</div> <div>enumeration 31</div> <div>enumeration 41</div> <div>enumeration 51</div> <div>enumeration 61</div> <div>enumeration 12</div> <div>enumeration 22</div> <div>enumeration 32</div> <div>enumeration 42</div> <div>enumeration 52</div> <div>enumeration 62</div> <div>enumeration 13</div> <div>enumeration 23</div> <div>enumeration 33</div> <div>enumeration 43</div> <div>enumeration 53</div> <div>enumeration 63</div> <div>enumeration 14</div> <div>enumeration 24</div> <div>enumeration 34</div> <div>enumeration 44</div> <div>enumeration 54</div> <div>enumeration 64</div> <div>enumeration 15</div> <div>enumeration 25</div> <div>enumeration 35</div> <div>enumeration 45</div> <div>enumeration 55</div> <div>enumeration 65</div> <div>enumeration 16</div> <div>enumeration 26</div> <div>enumeration 36</div> <div>enumeration 46</div> <div>enumeration 56</div> <div>enumeration 66</div>	Annotation
annotation	<div>documentation</div> <div>Identifies the mode of deployment of a traction within a train</div> <div>First digit – traction role</div> <div>Second digit – position in group of traction units with the same role</div> <div>11 Train traction 1st traction unit in the group</div> <div>21 Intermediate traction 1st traction unit in the group</div> <div>31 Banking locomotive 1st traction unit in the group</div> <div>41 Banking locomotive not coupled 1st traction unit in the group</div> <div>51 No Leading Engine 1st traction unit in the group</div> <div>61 Train Traction in a push-pull train 1st traction unit in the group</div> <div>12 Train traction 2nd traction unit in the group</div> <div>22 Intermediate traction 2nd traction unit in the group</div> <div>32 Banking locomotive 2nd traction unit in the group</div>	

	<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>62 Train Traction in a push-pull train 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>63 Train Traction in a push-pull train 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>64 Train Traction in a push-pull train 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>65 Train Traction in a push-pull train 5th traction unit in the group</p> <p>16 Train traction 6th traction unit in the group</p> <p>26 Intermediate traction 6th traction unit in the group</p> <p>36 Banking locomotive 6th traction unit in the group</p> <p>46 Banking locomotive not coupled 6th traction unit in the group</p> <p>56 No Leading Engine 6th traction unit in the group</p> <p>66 Train Traction in a push-pull train 6th traction unit in the group</p>
source	<pre><xs:element name="TractionMode"> <xs:annotation> <xs:documentation>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 61 Train Traction in a push-pull train 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 62 Train Traction in a push-pull train 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 63 Train Traction in a push-pull train 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 64 Train Traction in a push-pull train 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</pre>

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65   Train Traction in a push-pull train   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
66   Train Traction in a push-pull train   6th traction unit in the group

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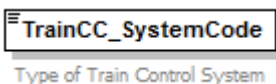
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element **TractionType**

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	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
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	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	24	
	enumeration	31	
	enumeration	32	
	enumeration	33	
	enumeration	34	
annotation	documentation	<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</p>	

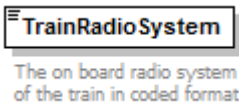
	"4" = on track machine or infrastructure inspection vehicle
source	<pre> <xs:element name="TractionType"> <xs:annotation> <xs:documentation>Identifies the type of a locomotive: First "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainCC_SystemCode**

diagram			
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type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	

	enumeration 04 enumeration 05 enumeration 06 enumeration 11 enumeration 12 enumeration 21 enumeration 22 enumeration 31 enumeration 32 enumeration 91 enumeration
annotation	documentation Type of Train Control System
source	<pre> <xs:element name="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Type of Train Control System</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="91"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **TrainRadioSystem**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:token									
properties	content simple									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	documentation The on board radio system of the train in coded format									
source	<pre><xs:element name="TrainRadioSystem"> <xs:annotation></pre>									

	<pre><xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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element **TrainType**

diagram	<div><div><div>TrainType</div></div><div><div>1</div><div>Passenger train</div><div>Commercial train with passenger coaches or trainsets</div><div>Empty run of Train with passenger coaches or trainsets</div><div>Including Crew train (for Train Crew Members)</div><div>2</div><div>Freight train</div><div>Train with freight wagons</div><div>3</div><div>Light engine (locomotive train)</div><div>One or more engines without any carriages</div><div>4</div><div>Engineering train</div><div>Train for measurement, maintenance, instructions, homologation, etc</div><div>0</div><div>Other</div><div>Train types that are not covered with the four codes given above can be codified as "other" in the messages</div><div>Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</div></div></div>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																		
type	restriction of xs:integer																		
properties	content simple																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></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>0</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	0	
Kind	Value	Annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	0																		
annotation	<div><div>documentation</div><div><div>1</div><div>Passenger train</div><div>Commercial train with passenger coaches or trainsets</div><div>Empty run of Train with passenger coaches or trainsets</div><div>Including Crew train (for Train Crew Members)</div><div>2</div><div>Freight train</div><div>Train with freight wagons</div><div>3</div><div>Light engine (locomotive train)</div><div>One or more engines without any carriages</div><div>4</div><div>Engineering train</div><div>Train for measurement, maintenance, instructions, homologation, etc</div><div>0</div><div>Other</div><div>Train types that are not covered with the four codes given above can be codified as "other" in the messages</div></div></div>																		

	Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States
source	<div><div><xs:elementname="TrainType"></div><div><xs:annotation></div><div><xs:documentation></div><div>1 Passenger train Commercial train with passenger coaches or trainsets Empty run of Train with passenger coaches or trainsets Including Crew train (for Train Crew Members) 2 Freight trainTrain with freight wagons 3 Light engine (locomotive train) One or more engines without any carriages 4 Engineering train Train for measurement, maintenance, instructions, homologation, etc 0 Other Train types that are not covered with the four codes given above can be codified as "other" in the messages Passenger with Freight - military trains, the Overnight Express; Royalty, Head of States</div><div></xs:documentation></div><div></xs:annotation></div><div><xs:simpleType></div><div><xs:restrictionbase="xs:integer"></div><div><xs:enumerationvalue="1"/></div><div><xs:enumerationvalue="2"/></div><div><xs:enumerationvalue="3"/></div><div><xs:enumerationvalue="4"/></div><div><xs:enumerationvalue="0"/></div><div></xs:restriction></div><div></xs:simpleType></div><div></xs:element></div></div>

element **TypeOfRemovableAccessories**

diagram	<div> <div>TypeOfRemovableAccessories</div> <p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories </div>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	content	simple	
facets	Kind	Value	Annotation
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	enumeration	11	
	enumeration	12	
	enumeration	13	

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

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:simpleType>

<xs:restriction

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value="29"/>

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value="99"/>

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

```

element **WheelSetTransformationMethod**

diagram	<div><div><div>WheelSetTransformationMethod</div></div><div><div>„Description of the wheel set transformation method for wagons with a changeable wheel set gauge. Code list: 1 = Automatic, 2 = Bogie/axle change</div></div></div>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5									
type	restriction of xs:token									
properties	content simple									
facets	<table><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	<div>documentation</div> <div><div>wheel</div><div>set</div><div>1</div><div>2</div><div>=</div><div>=</div><div>Bogie/axle</div><div>Code list: Automatic, change</div></div>									
source	<pre><xs:element name="WheelSetTransformationMethod"> <xs:annotation> <xs:documentation> „Description of the wheel set transformation method for wagons with a changeable wheel set gauge. Code list: 1 = Automatic, 2 = Bogie/axle change </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base	xs:token	
facets	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> <xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF) </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"/> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType> </pre>

simpleType DelayCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	11	
	enumeration	10	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	18	
	enumeration	19	
	enumeration	20	
	enumeration	21	
	enumeration	22	
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	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	

	<p>enumeration 59</p> <p>enumeration 60</p> <p>enumeration 61</p> <p>enumeration 62</p> <p>enumeration 63</p> <p>enumeration 64</p> <p>enumeration 68</p> <p>enumeration 70</p> <p>enumeration 69</p> <p>enumeration 71</p> <p>enumeration 80</p> <p>enumeration 81</p> <p>enumeration 82</p> <p>enumeration 83</p> <p>enumeration 84</p> <p>enumeration 89</p> <p>enumeration 90</p> <p>enumeration 91</p> <p>enumeration 92</p> <p>enumeration 93</p> <p>enumeration 94</p> <p>enumeration 95</p>
annotation	<p>documentation</p> <p>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.</p> <p>The first digit in the code has to following meaning:</p> <p>1 Operational planning, Management (IM)</p> <p>2 Infrastructure installations (IM)</p> <p>3 Civil engineering causes (IM)</p> <p>4 Causes of other IM (IM)</p> <p>5 Commercial causes (RU)</p> <p>6 Rolling stock (RU)</p> <p>7 Causes of other RU (RU)</p> <p>8 External causes</p> <p>9 Secondary causes</p> <p>New codes added:</p> <p>23 Power supply equipment</p> <p>58 Staff</p> <p>68 Staff</p> <p>90 Dangerous incidents, accidents and hazards</p> <p>91 Track occupation caused by the lateness of the same train</p> <p>92 Track occupation caused by the lateness of another train</p> <p>93 Turn round</p> <p>94 Connection</p> <p>95 Further investigation needed</p>
source	<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450- 2, Appendix C. The first digit in the code has to following meaning: 1 Operational planning, Management (IM) 2 Infrastructure installations (IM) 3 Civil engineering causes (IM) 4 Causes of other IM (IM) 5 Commercial causes (RU) 6 Rolling stock (RU) 7 Causes of other RU (RU) </pre>

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	
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</xs:annotation>		
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--	--

simpleType InfoIndex

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	10	
	enumeration	20	
	enumeration	30	
annotation	documentation indicates additional information		
source	<pre> <xs:simpleType name="InfoIndex"> <xs:annotation> <xs:documentation>indicates additional information</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType MessageCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	base xs:integer		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9999	
annotation	documentation Identifies the type of message		
source	<pre> <xs:simpleType name="MessageCode"> <xs:annotation> <xs:documentation>Identifies the type of message</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
	enumeration	15	
	enumeration	18	
	enumeration	25	
	enumeration	30	
	enumeration	31	
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	enumeration	39	
	enumeration	41	
	enumeration	42	
	enumeration	50	
	enumeration	52	
	enumeration	62	
	enumeration	63	
	enumeration	68	
	enumeration	70	
	enumeration	71	
	enumeration	90	
	enumeration	91	
	enumeration	92	
	enumeration	94	
	enumeration	99	
annotation	<p>documentation</p> <p>restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p>P = Freight T = Passenger D = Technical L = Damage Load</p> <p>Code F or P Description</p>		

			T	D	L		
07	F	Shunt only when hand brake operable with ground staff					
08	F	Tank wagon loaded with liquid				x	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				
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					
30	P (+F)	CCS fault (see CCS coding list)					
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			

[illegible]

Code	F or P	Description
07	F	Shunt only when hand brake operable with ground staff
08	F	Tank wagon loaded with liquid
09	F	Wagon loaded with people
11	F	Wagon other than bogie wagon with wheelbase of more than 9 metres
12	F	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
13	F	Bogie wagon with distance between wheels of more than 17,50 metres
15	F	Wagon not allowed over the hump
16	F	Do not fly shunt or gravity shunt (3 red triangles)
18	F	Must not use active braking equipment
25	F	Gas carrying tank wagon with orange side stripe
30	P (+F)	CCS fault (see CCS coding list)
31	P (+F)	Braking system fault
32	P (+F)	Wheelset, bogie fault
33	P (+F)	Headlighting or back lighting fault
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
42	F	Place this wagon at the rear of the train		
			x	x
50	P (+F)	Speed restriction		
			x	x
52	P (+F)	Diesel locomotive instead of electric locomotive		
	x	(X)		F
61	F	Wagon forming part of a consignment of several wagons		
	x			
62	F	Wagon forming part of a group of wagons from which it must not be separated		
			x	
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one		x x
68	F	First or last wagon of a wagon group from which it must not be separated		
			x	
70	F	Shunt with care (1 red triangle)		
			x	x
71	F	Shunt with special care (2 red triangle)		

90	P	Train planned with passengers operated without passengers	x	x	x
91	P	Train planned without passengers operated with passengers	x		
92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)			
94	F	Gas carrying wagon without orange side stripe		x	x
99	P	Other	x		
					x
			x		
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	<pre> <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </pre>	<pre> value="94"/> value="99"/> </pre>
--	---	--

simpleType RunningStatus

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5																										
type	restriction of xs:token																										
properties	base	xs:token																									
facets	Kind	Value	Annotation																								
	enumeration	00																									
	enumeration	01																									
	enumeration	02																									
	enumeration	03																									
	enumeration	04																									
	enumeration	05																									
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	enumeration	13																									
	enumeration	14																									
	enumeration	15																									
	enumeration	16																									
	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> <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> </table> <p>06 NEW CODES: Some IMs are transmitting these codes (6 - 9)</p> <p>07</p> <p>08</p> <p>09</p> <p>10 Not specified for wagon Starting from 10, the values are only wagon related.</p> <p>11 Wagon arrival at its destination by train</p> <p>12 Wagon departure from its station of origin by train</p> <p>13 Wagon arrival at reporting point by train</p> <p>14 Wagon departure from reporting point by train</p> <p>15 Wagon run-through at reporting point by train</p> <p>16 Wagon parked at reporting point</p> <p>17 Wagon shunted at reporting point</p> <p>18 Wagon arrived at reporting point</p> <p>19 Wagon departure from reporting point</p>			00	Not		specified	01	Arrival	at	destination	02	Departure	at	origin	03	Intermediate		arrival	04	Intermediate		departure	05	Pass		through
00	Not		specified																								
01	Arrival	at	destination																								
02	Departure	at	origin																								
03	Intermediate		arrival																								
04	Intermediate		departure																								
05	Pass		through																								

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

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	
	enumeration	05	
	enumeration	06	
	enumeration	11	
	enumeration	12	
	enumeration	21	
	enumeration	22	
	enumeration	23	
	enumeration	31	
annotation	documentation Identifies the command control system of the train in coded values		
source	<pre> <xs:simpleType name="TrainCC_Syst"> <xs:annotation> <xs:documentation>Identifies the command control system of the train in coded values</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="31"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType TypeOfIMHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	Full	
	enumeration	Part	
annotation	documentation Enumeration of Type of IM harmonization: Full, Part		
source	<pre> <xs:simpleType name="TypeOfIMHarmonizationCode"> </pre>		

	<pre> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType TypeOfInformationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:integer		
properties	base xs:integer		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	99	
	enumeration	1	documentation harmonisation - in process
	enumeration	2	documentation harmonisation - accepted
	enumeration	3	documentation harmonisation - rejected
	enumeration	4	documentation Request ready
	enumeration	5	documentation path study request
	enumeration	6	documentation pre-arranged path/reserve capacity
	enumeration	7	documentation create offer
	enumeration	8	documentation coordination update
	enumeration	9	documentation draft offer
	enumeration	10	documentation draft alternative offer
	enumeration	11	documentation observation - in process
	enumeration	12	documentation observation - complete
	enumeration	13	documentation preparation of final offer - in process
	enumeration	14	documentation preparation of final offer - accepted
	enumeration	15	documentation preparation of final offer - rejected
	enumeration	16	documentation 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	41	documentation	Final Offer rejected
	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
annotation	documentation 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 pre-accepted offer 19 - Final Offer rejected 20 - no alternative available 21 - booked 22 - preparation of draft alternative offer is in progress 23 - Preparation of offer/draft offer - accepted 24 - alternative offer rejected (without revision) 25 - offer/final offer rejected (without revision) 26 - offer/final offer rejected (revision required) 27 - alternative offer rejected (revision required) 28 Close Dossier 31 Create Dossier 40 Fully Assembled Path (FAP, constructed path) 41 - Final Offer rejected 42 - Preparation of draft offer - accepted 43 - Preparation of draft offer - rejected			

	44	-	Draft	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	
source	<pre> <xs:simpleType name="TypeOfInformationCode"> <xs:annotation> <xs:documentation> 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 - accepted 19 - Final pre-accepted offer 20 - Offer rejected 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) 41 - Final Offer rejected 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 </xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99"/> <xs:minInclusive value="0"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>harmonisation - in process</xs:documentation> </pre>					

```

</xs:annotation>
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--	--

	<pre> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> <xs:documentation>alternative offer triggered by IM</xs:documentation> <!-- <xs:documentation>Preparation of draft offer - accepted</xs:documentation> --> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>offer/final offer rejected (without revision)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>alternative offer rejected (without revision)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>offer/final offer rejected (revision required)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation>alternative offer rejected (revision required)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="29"> <xs:annotation> <xs:documentation>withdrawal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="30"> <xs:annotation> <xs:documentation>Create Dossier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>Close Dossier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="32"> <xs:annotation> <xs:documentation>Path canceled full</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="33"> <xs:annotation> <xs:documentation>Path canceled partial</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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<xs:enumeration value="53">
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simpleType TypeOfRequestCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:short		
properties	base xs:short		
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9	
	enumeration	1	
	enumeration	2	
	enumeration	3	
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)		
source	<pre> <xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType TypeOfRUHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation
	enumeration	Full	
	enumeration	Part	
	enumeration	None	
annotation	documentation Type of RU harmonization: Full, Part, None.		
source	<pre> <xs:simpleType name="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> <xs:enumeration value="None"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType UnitType

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	4	
	enumeration	6	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	40	
	enumeration	41	
	enumeration	42	
	enumeration	43	
	enumeration	50	
	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	<xs:simpleType name="UnitType"> <xs:annotation> <xs: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
	</xs:documentation>			
	</xs:annotation>			
	<xs:restriction base="xs:token">			
	<xs:enumeration value="1"/>			
	<xs:enumeration value="2"/>			
	<xs:enumeration value="4"/>			
	<xs:enumeration value="6"/>			
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	<xs:enumeration value="43"/>			
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	<xs:enumeration value="41"/>			
	</xs:restriction>			
	</xs:simpleType>			

attribute **JourneyLocationTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
	enumeration	04	

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

attribute LocationSubsidiaryTypeCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5		
type	restriction of xs:token		
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

	enumeration	19	Safety equipment is on one rail avoiding any unnecessary moving beyond that point. documentation Loading equipment documentation
	enumeration	20	Special equipment to facilitate the loading and unloading on the Public Loading Places. documentation Weighbridge documentation
	enumeration	21	Special equipment is to facilitate the measure of the weight of the wagon. documentation Building documentation
	enumeration	22	Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well. documentation Level crossing documentation
	enumeration	23	Place where rail and road crossing in level. on the same level (grade) documentation Bridge documentation
	enumeration	24	Special built structure is over the road documentation Tunnel documentation
	enumeration	25	Structure to allow a railway line to pass under the surface. documentation Underpass documentation
	enumeration	26	Undercrossing or underground passage under the railway track. (Not used by trains) documentation Block section documentation
	enumeration	27	Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system. documentation Signal documentation
	enumeration	28	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. documentation Sign and board documentation
	enumeration	29	Equipment to inform the board staff for train traffic and shunting. documentation Phase break documentation
	enumeration	30	Border of the power supply systems (catenary). documentation Leap in kilometer documentation
	enumeration	32	The section has deviation in length i. e. the section more or less than called. documentation Balise documentation
	enumeration	33	A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system. documentation Hot spot detector documentation
	enumeration	34	Trackside equipment which detects hot wheels or axle-box on passing trains. documentation Flat wheel detector documentation
	enumeration	35	Trackside equipment which detects flat spots on wheels on passing trains. documentation Dynamic wheel load documentation
	enumeration	36	detector Special equipment is in trackside for inspect of the overloaded wagons. 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

	enumeration	37	have his own codification documentation Loading point documentation A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard.
	enumeration	38	documentation IM Network link documentation It allows to link two locations from different IM Networks
	enumeration	39	documentation Reservation code
	enumeration	40	documentation Metastation documentation To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)
	enumeration	41	documentation CompanySpecificIdentifier documentation Company specific identifier of the primary location
	enumeration	42	documentation DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37).
	enumeration	43	documentation Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train
	enumeration	44	documentation Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train
	enumeration	45	documentation Sewage dump Place for cleaning purposes - disposal of the waste
	enumeration	46	documentation Refuelling Point Location where refuelling takes place
	enumeration	47	documentation Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating
	enumeration	48	documentation Water Supply Location where water supply can be provided for the rolling stock
	enumeration	49	documentation Compressed plant Train on a track with motion stabled with external air supply for braking systems
	enumeration	50	documentation Indoor cleaning platform Cleaning point - interior

	enumeration	51	documentation			Car-wash plant	Cleaning point -outdoor
	enumeration	52	documentation			Short dry-cleaning track	Cleaning point
	enumeration	53	documentation				
			floor that avoids	Pollution protective plate of the	Track where below		
	enumeration	54	documentation			Sand-filling station	Location where sand is filled
	enumeration	55	documentation			Repair track can	Location where a be repaired
	enumeration	56	documentation			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	66	documentation	Location ENEE Code			
			documentation	Legacy ENEE code of the parent primary location			
	enumeration	90	documentation	Test Loc			
	enumeration	99	documentation	Relation to Station			
			documentation	An indicator used to show that this location is a subsidiary of another location.			
annotation	documentation						
		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					
49	Compressed plant	Train on a track with motion stabilised 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					

source	<pre> <xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation> 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 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 plateTrack 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 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Defined</xs:documentation> <xs:documentation>not used</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Track</xs:documentation> <xs:documentation>The track is a uniquely defined part of location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Private Siding</xs:documentation> <xs:documentation>Tracks are not for open access</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Border Point Code</xs:documentation> <xs:documentation>Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or </pre>
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	<p>yard. Therefore these points are "logical point"</p> <p></xs:documentation></p> <p></xs:enumeration></p> <p><xs:enumeration value="4"></p> <p><xs:annotation></p> <p><xs:documentation>Sorting Code</xs:documentation></p> <p><xs:documentation>Destination station of the wagon has a code in order to provide shunting technology.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="5"></p> <p><xs:annotation></p> <p><xs:documentation>Vehicle Parking Points</xs:documentation></p> <p><xs:documentation>All points (tracks)</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="6"></p> <p><xs:annotation></p> <p><xs:documentation>Public Loading Places</xs:documentation></p> <p><xs:documentation>Is a type of physical location on the open access network where consignor or consignee can load or unload wagons</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="7"></p> <p><xs:annotation></p> <p><xs:documentation>Private Loading Places</xs:documentation></p> <p><xs:documentation>Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="8"></p> <p><xs:annotation></p> <p><xs:documentation>IM Path Tariff Point</xs:documentation></p> <p><xs:documentation>Price Segment change between two IM Networks.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="9"></p> <p><xs:annotation></p> <p><xs:documentation>Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="10"></p> <p><xs:annotation></p> <p><xs:documentation>Switch/turnout</xs:documentation></p> <p><xs:documentation>The location where two tracks meet or diverge.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="11"></p> <p><xs:annotation></p> <p><xs:documentation>Grade Crossing</xs:documentation></p> <p><xs:documentation>The location where two tracks on the same level</p>
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	<p>cross each other.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="12"></p> <p><xs:annotation></p> <p><xs:documentation>Section of the track</xs:documentation></p> <p><xs:documentation>Section is inside of the location considered part</p> <p>of a track.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="13"></p> <p><xs:annotation></p> <p><xs:documentation>Twin track point</xs:documentation></p> <p><xs:documentation>The spot where is end or start of the twinned</p> <p>track section.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="14"></p> <p><xs:annotation></p> <p><xs:documentation>Retarder (rail brake)</xs:documentation></p> <p><xs:documentation>Trackside equipment to control the speed of the</p> <p>wagons running from the shunting hump.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="15"></p> <p><xs:annotation></p> <p><xs:documentation>Platform</xs:documentation></p> <p><xs:documentation>The area next to the track which has been raised</p> <p>to make access to railway vehicles easier.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="16"></p> <p><xs:annotation></p> <p><xs:documentation>Railing</xs:documentation></p> <p><xs:documentation>barrier Safety equipment used to prevent access</p> <p>to the track by people and animals.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="17"></p> <p><xs:annotation></p> <p><xs:documentation>Movable scotch block</xs:documentation></p> <p><xs:documentation>Safety equipment across the track avoiding any</p> <p>unnecessary moving beyond that point.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="18"></p> <p><xs:annotation></p> <p><xs:documentation>Derailing stop / Trap points / Catch</p> <p>points</xs:documentation></p> <p><xs:documentation>Safety equipment is on one rail avoiding any</p> <p>unnecessary moving beyond that point.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="19"></p> <p><xs:annotation></p> <p><xs:documentation>Loading equipment</xs:documentation></p> <p><xs:documentation>Special equipment to facilitate the loading and</p> <p>unloading on the Public Loading Places.</xs:documentation></p>
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	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Weighbridge</xs:documentation> <xs:documentation>Special equipment is to facilitate the measure of the weight of the wagon.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Building</xs:documentation> <xs:documentation>Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation>Level crossing</xs:documentation> <xs:documentation>Place where rail and road crossing in level. on the same level (grade)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="23"> <xs:annotation> <xs:documentation>Bridge</xs:documentation> <xs:documentation>Special built structure is over the road</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> <xs:documentation>Tunnel</xs:documentation> <xs:documentation>Structure to to allow a railway line to pass under the surface.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Underpass</xs:documentation> <xs:documentation>Undercrossing or underground passage under the railway track. (Not used by trains)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Block section</xs:documentation> <xs:documentation>Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>Signal</xs:documentation> <xs:documentation>A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of </pre>
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	<p>the line ahead to train drivers/engineers.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation>Sign and board</xs:documentation> <xs:documentation>Equipment to inform the board staff for train traffic and shunting.</xs:documentation> </xs:annotation> </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> <xs:enumeration value="30"> <xs:annotation> <xs:documentation>Leap in kilometer</xs:documentation> <xs:documentation>The section has deviation in length i. e. the section more or less than called.</xs:documentation> </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> <xs:documentation>Hot spot detector</xs:documentation> <xs:documentation>Trackside equipment which detects hot wheels or axle-box on passing trains.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="34"> <xs:annotation> <xs:documentation>Flat wheel detector</xs:documentation> <xs:documentation>Trackside equipment which detects flat spots on wheels on passing trains.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="35"> <xs:annotation> <xs:documentation>Dynamic wheel load</xs:documentation> <xs:documentation>detector Special equipment is in trackside for inspect of the overloaded wagons.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="36"> <xs:annotation> <xs:documentation>Freight yard</xs:documentation> <xs:documentation>A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight</p>
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orders of rail freight transports. The freight yard can have his own codification</xs:documentation>
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 </xs:enumeration>
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 <xs:annotation>
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 <xs:annotation>
 <xs:documentation>IM Network link</xs:documentation>
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 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).
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 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
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	<pre> </xs:enumeration> <xs:enumeration value="44"> <xs:annotation> <xs:documentation> Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="45"> <xs:annotation> <xs:documentation> Sewage dump Place for cleaning purposes - disposal of the waste </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation> Refuelling Point Location where refuelling takes place </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="47"> <xs:annotation> <xs:documentation> Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="48"> <xs:annotation> <xs:documentation> Water Supply Location where water supply can be provided for the rolling stock </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="49"> <xs:annotation> <xs:documentation> Compressed plant Train on a track with motion stabled with external air supply for braking systems </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation> Indoor cleaning platform Cleaning point -interior </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> </pre>
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	<pre> <xs:annotation> <xs:documentation> Car-wash plant Cleaning point -outdoor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="52"> <xs:annotation> <xs:documentation> Short dry-cleaning track Cleaning point </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="53"> <xs:annotation> <xs:documentation> Pollution protective plateTrack where floor that avoids pollution of the earth below </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="54"> <xs:annotation> <xs:documentation> Sand-filling station Location where sand is filled </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="55"> <xs:annotation> <xs:documentation> Repair track Location where a train/wagon/engine can be repaired </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="56"> <xs:annotation> <xs:documentation> Signal box The location of a building containing signalling equipment </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="57"> <xs:annotation> <xs:documentation>Intermodal Terminal</xs:documentation> <xs:documentation> Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="66"> <xs:annotation> <xs:documentation>Location ENEE Code</xs:documentation> <xs:documentation>Legacy ENEE code of the parent primary </pre>
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	<pre> location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Test <xs:documentation/> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Relation to Station</xs:documentation> <xs:documentation>An indicator used to show that this location is a subsidiary of another location.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>
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attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/2.5			
type	restriction of xs:token			
facets	Kind	Value	Annotation	
	enumeration	PLA		
	enumeration	PLD		
	enumeration	ELA		
	enumeration	ELD		
	enumeration	LLA		
	enumeration	LLD		
	enumeration	ALA		
	enumeration	ALD		
annotation	documentation PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure			
source	<pre><xs:attribute name="TimingQualifierCode"> <xs:annotation> <xs: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</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"></pre>			

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