

IMP

StatusRequest (XML)

Business Integration for the Port of Hamburg

Message Implementation Guide

Version 1.2a/E

(Valid from 29. October 2020)

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Change History

Version	Concerned section	Reason	Name	Datum
1.0	All	First English version	Schwanke, Dietrich	2014-01-20
1.0		Diverse typing corrections, new fields or sequences: StatusRequestMessageType/DeclarantParty, OnCarriageTransportMeans/EstimatedDepartur eDateType and TransportMeansID	Niese	2014-07-30
1.1		Addition of Auto-IMP for VEA and NCTS Repetitions of element "Recipient" corrected	Dietrich	2017-12-05
1.2		<ul style="list-style-type: none"> Added target terminal for Auto-IMP AdditionalValue (unused) in StatusRequestMessageType moved to AdditionalValueList Unused elements in Address and LocationType were removed 	Schwanke	2018-05-08
1.2a		<ul style="list-style-type: none"> Update of Example for Status Request on-carriage (5.2.1) 	Schwanke	2020-10-29

Change requests

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Used tools

Number	Used tools
W1	This document was created with the word processing programme MS Word 2010 .
W2	Graphics and XSD-reports have been generated by GEFEG FX 7

Applicable Documents

The EDI manual "General Part" provides descriptions about main principles established for each data interchange via DAKOSY. The definitions set out therein, the customer's cooperation duties as well as the basis of the communication process also apply for the interface described in the manual at hand.

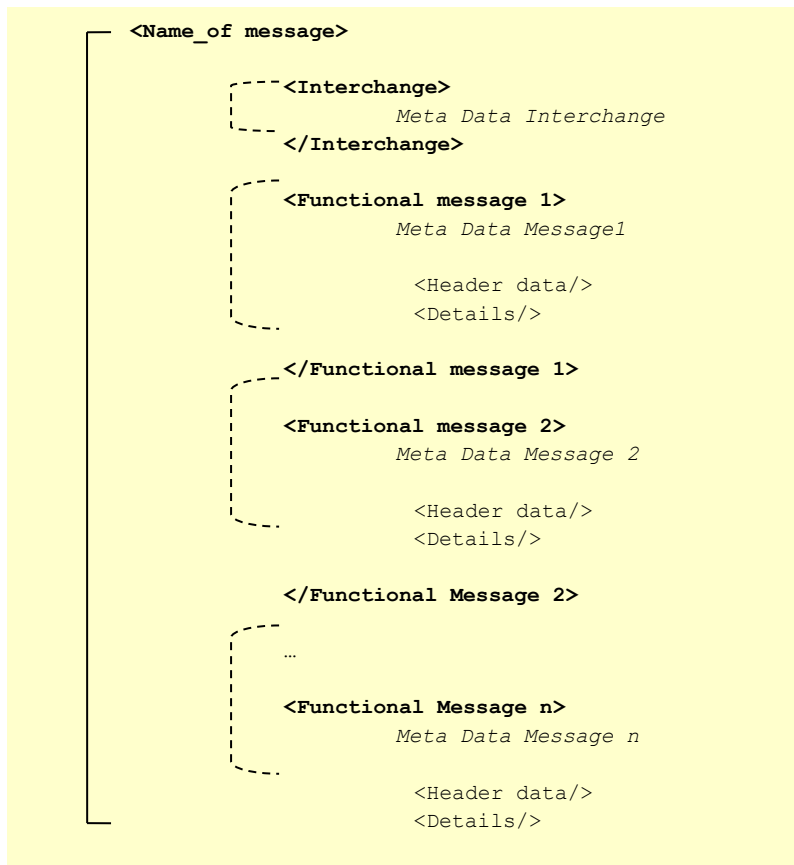
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1 Messages

1.1 Structure

The XML messages defined in IMP are basically composed according to the following structure:



An interchange comparable with a physical transmission file contains one or more messages. Basically only documents of the same message type are incorporated. Import operation instructions, status messages or else will not be compiled within a transmission, but exclusively messages of the same type – in the present case the import operation instructions.

Functional messages are preceded by meta information describing the data concerning the physical transmission, e.g. sender and recipient of the data set, creation of data set.

1.2 Notes for using XML namespaces

Elements of different namespaces are used within the XML version of the Import Operation Instruction. Due to technical reasons following rules are required:

- The Root-Element has to be provided with namespace prefix imp:
(`<imp:ImportOperationInstruction>...</imp:ImportOperationInstruction>`)
- All other elements have to be provided *without* namespace prefix.

2 XML Message structure

Occurrence	Element/Attribute
	ImpStatusRequest
1 .. 1	xs:sequence
1 .. 1	Interchange
1 .. 1	xs:sequence
1 .. 1	CreationTime
1 .. 1	ExchangeNumber
0 .. 1	TestIndicator
0 .. 1	MessageCount
1 .. 1	Sender
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
	<i>AgencyID</i>
0 .. 1	Contact
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Fax
0 .. 1	Email
1 .. 1	Recipient
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
	<i>AgencyID</i>
1 .. unbounded	StatusRequestMessage
	<i>MessageType</i>
	<i>MessageVersionID</i>
required	xs:sequence
1 .. 1	MessageHeader
1 .. 1	xs:sequence
1 .. 1	MessageFunction
1 .. 1	MessageReferenceNumber
0 .. 1	PreviousMessageReferenceNumber
1 .. 1	MessageSender
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
	<i>AgencyID</i>
0 .. 1	Contact
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Fax
0 .. 1	Email
1 .. 9	MessageRecipient
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
	<i>AgencyID</i>
0 .. 1	Contact
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Fax
0 .. 1	Email

Occurrence	Element/Attribute
0 .. unbounded	AdditionalValue
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	Value
1 .. 1	xs:sequence
0 .. 1	StatusRequestMessageType
1 .. 1	xs:sequence
0 .. 1	Container
1 .. 1	xs:sequence
1 .. 1	ContainerID
	<i>agencyID</i>
0 .. 1	ShippersOwnIndicator
0 .. 1	MRN
0 .. 1	ATBNumber
0 .. 1	BillOfLadingID
0 .. 1	IMPReferenceID
0 .. 1	PriorIMPReferenceID
0 .. 1	CustomerReferenceID
1 .. 1	StatusRequestType
1 .. 1	StatusRequestRole
0 .. 1	Terminal
1 .. 1	xs:sequence
0 .. 1	LocationID
0 .. 1	SubLocationOne
1 .. 1	xs:sequence
1 .. 1	LocationID
0 .. 1	DeclarantParty
1 .. 1	xs:sequence
0 .. 1	PartyID
	<i>schemeID</i>
	<i>agencyID</i>
0 .. 1	SubsequentCustomsProcedure
0 .. 1	SubsequentCustomsProcedureLocation
1 .. 1	xs:sequence
1 .. 1	LocationID
1 .. 1	SubLocationOne
1 .. 1	xs:sequence
1 .. 1	LocationID
0 .. 1	CustomsDataList
1 .. 1	xs:sequence
0 .. 999	CustomsData
1 .. 1	xs:sequence
0 .. 1	SeqNumber
0 .. 1	CustomsProceduresTypeCode
0 .. 1	CustomsReference
0 .. 1	CustomsDeclarationPosition
0 .. 1	OnCarriageTransportMeans
1 .. 1	xs:sequence
0 .. 1	TransportMeansTypeCode
	<i>listID</i>
	<i>agencyID</i>
0 .. 1	TransportMeansID
	<i>schemeID</i>
	<i>agencyID</i>
0 .. 1	EstimatedDepartureDateType
1 .. 1	xs:sequence
0 .. 1	EstimatedDepartureDate

Occurrence	Element/Attribute
0 .. 1	EstimatedDepartureTime
0 .. 1	AdditionalValueList
1 .. 1	xs:sequence
0 .. unbounded	AdditionalValue
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	Value

3 Guideline

Element/Attribute	Annotation
ImpStatusRequest	<p>Description IMP-Statusnachrichten</p> <p>Description \$Rev\$: \$Date\$:</p>
xs:sequence	Occurrence 1 .. 1
Interchange	<p>Occurrence 1 .. 1</p> <p>Description Each Interchange starts with an element containing some meta information, followed by one or more messages.</p>
xs:sequence	Occurrence 1 .. 1
CreationTime	<p>Occurrence 1 .. 1</p> <p>Description Date and time of document creation. Format : 2018-04-30T13:20:00</p> <p>Example 2018-05-02T13:27:00</p>
ExchangeNumber	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 14</p> <p>Description A unique reference number of an interchange.</p> <p>Example 000ICEN4040857</p>
TestIndicator	<p>Occurrence 0 .. 1</p> <p>Name Test Indicator</p>
MessageCount	<p>Occurrence 0 .. 1</p> <p>FractionDigits 0</p> <p>Inclusive 1 ..</p> <p>Description Number of messages (elements) within the interchange</p>
Sender	<p>Occurrence 1 .. 1</p> <p>Description Information about the party who assembled and sent an interchange</p>
xs:sequence	Occurrence 1 .. 1
ParticipantCode	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 17</p> <p>Name Participant code</p>
AgencyID	Default DAK
Contact	<p>Occurrence 0 .. 1</p> <p>Description Message sender's contact information</p>
xs:sequence	Occurrence 1 .. 1
Name	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 35</p> <p>Description Name or department of a contact</p>
Telephone	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Telephone communication number</p>
Fax	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Telefax communication number</p>
Email	<p>Occurrence 0 .. 1</p> <p>Length 3 .. 70</p> <p>Description Email Address</p>
Recipient	<p>Occurrence 1 .. 1</p> <p>Description Contains Information about the party receiving an Interchange. This party may forward the whole interchange or split it up into individual messages which will be further processed.</p>
xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
ParticipantCode	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 17</p> <p>Name Participant code</p>
AgencyID	<p>Default DAK</p>
StatusRequestMessage	<p>Occurrence 1 .. unbounded</p>
Message	<p>Applicable Codes</p> <p>ImpStatusRequest Status Request</p>
MessageVersionID	<p>Fixed 1.0</p> <p>Use required</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
MessageHeader	<p>Occurrence 1 .. 1</p> <p>Description The message header contains meta information about an actual message which is transmitted as part of an interchange.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
MessageFunction	<p>Occurrence 1 .. 1</p> <p>Length .. 7</p> <p>Name Message function code</p> <p>Description This indicator is used to mark a message as original, replacement or cancellation</p> <p>Example 9</p> <p>Applicable Codes</p> <p>1 Cancellation Message cancelling a previous transmission for a given transaction.</p> <p>5 Replace Message replacing a previous message.</p> <p>9 Original Initial transmission related to a given transaction.</p>
MessageReferenceNumber	<p>Occurrence 1 .. 1</p> <p>Length .. 35</p> <p>Description Unique reference number identifying a single message. An interchange may contain more than one message.</p> <p>Example 47110815</p>
PreviousMessageReferenceNumber	<p>Occurrence 0 .. 1</p> <p>Length .. 35</p> <p>Description For updates/cancellations (Message Function = 1 or 5), the reference number of a previous message for which an update or cancellation is sent</p>
MessageSender	<p>Occurrence 1 .. 1</p> <p>Description This element contains information about the actual sender of a message (which might be different from the party who assembled and sent an interchange)</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ParticipantCode	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 17</p> <p>Name Participant code</p>
AgencyID	<p>Default DAK</p>
Contact	<p>Occurrence 0 .. 1</p> <p>Description Contact Information</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Name	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 35</p> <p>Description Name or department of a contact</p>
Telephone	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Telephone communication number</p>
Fax	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p>

Element/Attribute	Annotation
<ul style="list-style-type: none"> Email 	<p>Description Telefax communication number</p> <p>Occurence 0 .. 1</p> <p>Length 3 .. 70</p>
<ul style="list-style-type: none"> MessageRecipient <ul style="list-style-type: none"> xs:sequence <ul style="list-style-type: none"> ParticipantCode AgencyID Contact <ul style="list-style-type: none"> xs:sequence <ul style="list-style-type: none"> Name Telephone Fax Email AdditionalValue <ul style="list-style-type: none"> xs:sequence <ul style="list-style-type: none"> Name Value 	<p>Description Email Address</p> <p>Occurence 1 .. 9</p> <p>Description This element contains information about a message's recipient/s.</p> <p>Occurence 1 .. 1</p> <p>Occurence 1 .. 1</p> <p>Length 1 .. 17</p> <p>Name Participant code</p> <p>Default DAK</p> <p>Occurence 0 .. 1</p> <p>Description Contact Information</p> <p>Occurence 1 .. 1</p> <p>Occurence 1 .. 1</p> <p>Length 1 .. 35</p> <p>Description Name or department of a contact</p> <p>Example HR. MUELLER</p> <p>Occurence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Telephone communication number</p> <p>Occurence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Telefax communication number</p> <p>Occurence 0 .. 1</p> <p>Length 3 .. 70</p> <p>Description Email Address</p> <p>Occurence 0 .. unbounded</p> <p>Occurence 1 .. 1</p> <p>Occurence 1 .. 1</p> <p>Occurence 1 .. 1</p>
<ul style="list-style-type: none"> xs:sequence <ul style="list-style-type: none"> StatusRequestMessageType 	<p>Occurence 1 .. 1</p> <p>Occurence 0 .. 1</p> <p>Description Metainformationen des IMP-StatusRequests</p>
<ul style="list-style-type: none"> xs:sequence <ul style="list-style-type: none"> Container <ul style="list-style-type: none"> xs:sequence <ul style="list-style-type: none"> ContainerID agencyID ShippersOwnIndicator 	<p>Occurence 1 .. 1</p> <p>Occurence 0 .. 1</p> <p>Description Properties of a specific container</p> <p>Occurence 1 .. 1</p> <p>Occurence 1 .. 1</p> <p>Description Container ID including both prefix and numeric part (format PPPNNNNNNZ, for official numbers, the prefix must be a value listed in BIC code list!)</p>
	<p>Applicable Codes</p> <p>5</p> <p>ZZZ</p>
<ul style="list-style-type: none"> MRN 	<p>Occurence 0 .. 1</p> <p>Length .. 5</p> <p>Pattern [01] true false</p> <p>Name boolean data typ</p> <p>Description Indicates that a container number is not an official container number</p> <p>Occurence 0 .. 1</p> <p>Pattern [0-9]{2}[A-Z]{2}[A-Z0-9]{14}</p> <p>Description Movement reference number</p>

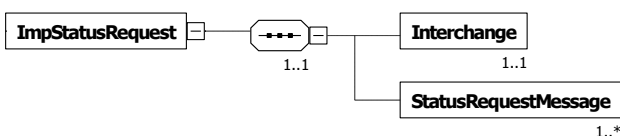
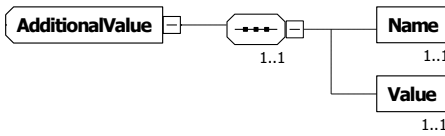
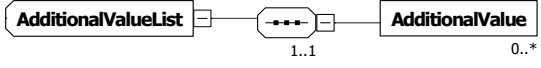
Element/Attribute	Annotation
	<p>Description Mandatory if request is of type "landside StatusRequest". The MRN from a preceding transit procedure has to be filled in.</p>
– ATBNumber	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 21</p> <p>Description ATB-number from summary declaration of temporary storage</p>
– BillOfLadingID	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Document number of the BoL</p>
– IMPReferencID	<p>Occurrence 0 .. 1</p> <p>Length 18 .. 18</p> <p>Pattern [IS]{1}[A-Z]{2}\d{6}[012]\d{8}</p> <p>Description Reference ID identifying an import process. Assigned by IMP.</p> <p>Example IHH180510100002683</p> <p>Remark Structure: 01 - 01 = 'I' 02 - 03 = system, that generated the reference (dbh, DAKOSY); values: "HB", "HH" 04 - 09 = Date of generation, format YYMMDD 10 - 10 = Import Operation Instruction with container (1), general cargo (0) or "LCL-IOI" (2) 11 - 17 = consecutive number per day 18 - 18 = check digit (according to ISO 6346)</p>
– PriorIMPReferencID	<p>Occurrence 0 .. 1</p> <p>Length 18 .. 18</p> <p>Pattern [IS]{1}[A-Z]{2}\d{6}[012]\d{8}</p> <p>Example IHH180510100002683</p> <p>Remark Structure: 01 - 01 = 'I' 02 - 03 = system, that generated the reference (dbh, DAKOSY); values: "HB", "HH" 04 - 09 = Date of generation, format YYMMDD 10 - 10 = Import Operation Instruction with container (1), general cargo (0) or "LCL-IOI" (2) 11 - 17 = consecutive number per day 18 - 18 = check digit (according to ISO 6346)</p> <p>Description If an import process is cancelled and then restarted this element carries the IMP reference previously assigned to the import process.</p>
– CustomerReferencID	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Example XC4020080723CD</p> <p>Description Freight forwarder's reference.</p>
– StatusRequestType	<p>Occurrence 1 .. 1</p> <p>Length .. 3</p> <p>Name Status Request Type</p> <p>Description Mandatory in case of an LCL-IOI</p> <p>Applicable Codes</p> <p>BB General cargo, breakbulk</p> <p>FCL Full container (FCL), request to container terminal</p>
– StatusRequestRole	<p>Occurrence 1 .. 1</p> <p>Length .. 17</p> <p>Description Description of the role, in which the message sender is making a request.</p> <p>Applicable Codes</p> <p>COMBINED Combined request as declarant and carrier</p> <p>DECLARANT Request as declarant</p>

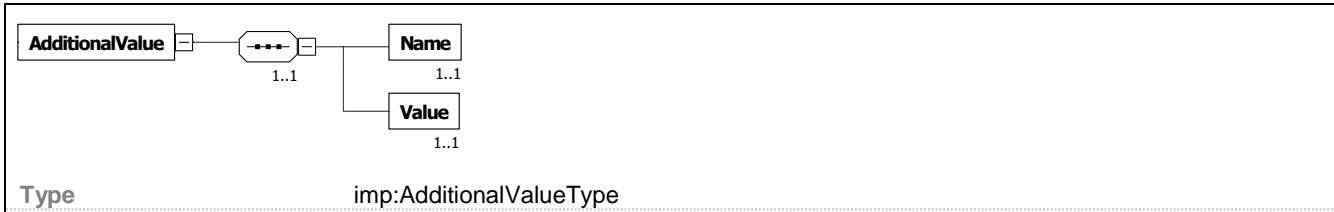
Element/Attribute	Annotation
	LANDSIDE StatusRequest for landside delivery
	ON_CARRIAGE
Terminal	Occurrence 0 .. 1 Description Terminal where the container will be discharged
xs:sequence	
LocationID	Occurrence 0 .. 1 Length 1 .. 17 Description The terminal's location, UN-LoCode Example DEHAM
SubLocationOne	Occurrence 0 .. 1 Description Terminal at the given location
xs:sequence	
LocationID	Occurrence 1 .. 1 Length 1 .. 17 Description Terminal code Example CTA
DeclarantParty	Occurrence 0 .. 1 Description Customs declarant Description Initiation of automatic confirmation of a customs declaration: by specifying a participant code, the corresponding participant automatically receives the confirmation of the summary declaration, on following conditions: - The participant initialized the customs declaration in its customs application referring to the summary declaration - The message is automatically adopted in the participants customs application - The customs application provides a corresponding function to confirm the customs declaration automatically
xs:sequence	
PartyID	Occurrence 1 .. 1 Occurrence 0 .. 1 Length 1 .. 7 Description Party identifier, assigned by the specified agency
<i>schemeID</i>	Description To identify the identification scheme
<i>agencyID</i>	Description To identify the responsible agency
SubsequentCustomsProcedure	Remark Use codes from EDIFACT codelist 3055 Occurrence 0 .. 1 Length .. 17 Description Describes the type of the subsequent customs procedure. Required, if the Auto-IMP feature shall be used.
	Applicable Codes
	NCTS Folgeverfahren NCTS Dispatch procedure
	TBN TBN Supsequent procedure not defined yet
	ZB
SubsequentCustomsProcedureLocation	Occurrence 0 .. 1 Description Defines the locatin (terminal) where a subsequent customs procedure shall be confirmed or be lodged. If a container is transfered to another terminal, this element describes, where the function (Auto-IMP) will be triggered. Preconditions are: The target terminal holds the temporary storage and the container container is in the terminal's stock. If the element has not be sent, Auto-IMP will be lodged at the terminal where the container has been discharged.
xs:sequence	
	Occurrence 1 .. 1

Element/Attribute	Annotation
LocationID	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 17</p> <p>Description The terminal's location, UN-LoCode</p> <p>Example DEHAM</p>
SubLocationOne	<p>Occurrence 1 .. 1</p> <p>Description Terminal at the given location</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
LocationID	<p>Occurrence 1 .. 1</p> <p>Length 1 .. 17</p> <p>Description Terminal code</p>
CustomsDataList	<p>Occurrence 0 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
CustomsData	<p>Occurrence 0 .. 999</p> <p>Description Various references from the German ATLAS system each depending on the respective transport direction and the used customs procedure.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
SeqNumber	<p>Occurrence 0 .. 1</p> <p>FractionDigits 0</p> <p>TotalDigits 3</p> <p>Pattern \d{1,3}</p> <p>Description Sequential number per Container</p> <p>Description Laufende Nummer je Container</p>
CustomsProceduresTypeCode	<p>Occurrence 0 .. 1</p> <p>Description Customs Procedure, coded</p> <p>Applicable Codes</p> <p>ABT Referenz aus Zollverfahren</p>
CustomsReference	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Reference number</p>
CustomsDeclarationPosition	<p>Occurrence 0 .. 1</p> <p>FractionDigits 0</p> <p>TotalDigits 4</p> <p>Pattern \d{1,4}</p> <p>Description Describes the first position of the corresponding customs procedures that is located in the container.</p> <p>Description "0000" means all positions are located in the container.</p>
OnCarriageTransportMeans	<p>Occurrence 0 .. 1</p> <p>Description Transport means used for this transport leg</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
TransportMeansTypeCode	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 8</p> <p>Description Code specifying the means of transport.</p> <p>Applicable Codes</p> <p>11 Ship</p> <p>13 Ocean vessel</p> <p>16 Barge</p> <p>31 Truck</p> <p>Automotive vehicle designed for hauling loads.</p> <p>210 Train, railroad</p> <p>One or more rail wagons pulled or pushed by one or more locomotive units, or self-propelled, that move over rail tracks.</p> <p>TBN to be nominated</p>
listID	<p>Default 8179</p>
agencyID	<p>Default 8067</p>
TransportMeansID	<p>Occurrence 0 .. 1</p> <p>Length 1 .. 35</p> <p>Description Identification of the means of transport</p>

Element/Attribute	Annotation
schemeID	Default 103
agencyID	Default 11
EstimatedDepartureDateType	Occurrence 0 .. 1 Description Estimated date and time of departure
xs:sequence	Occurrence 1 .. 1
EstimatedDepartureDate	Occurrence 0 .. 1 Description Estimated date of departure
EstimatedDepartureTime	Occurrence 0 .. 1 Description Estimated time of departure
AdditionalValueList	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
AdditionalValue	Occurrence 0 .. unbounded
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1 Applicable Codes VETERINARY_APPROVAL Veterinary approval for import required If this indicator is set, you will be informed, if no information referring to a CVED is available or can be assigned after the consignment has been discharged. default value = false
Value	Occurrence 1 .. 1 Applicable Codes 0 False Applicable Codes Boolean value for false. Same meaning as "false". 1 False Boolean value for true. Same meaning as "true". false False Boolean value for false. Same meaning as "0". true True Boolean value for true. Same meaning as "1".

4 Components

imp:ImpStatusRequest		Element
		
Description		IMP-Statusnachrichten \$Rev\$: \$Date\$:
Type		imp:StatusRequest
Elements		
Interchange	Usage Type Description	M imp:Interchange Each Interchange starts with an element containing some meta information, followed by one or more messages.
StatusRequestMessage	Usage Type	M imp:StatusRequestMessage
imp:AdditionalValue		ComplexType
		
Elements		
Name	Usage Type	M xs:string
Value	Usage Type	M xs:string
imp:AdditionalValue/Name		Element
Type		xs:string
imp:AdditionalValue/Value		Element
Type		xs:string
imp:AdditionalValueList		ComplexType
		
Elements		
AdditionalValue	Usage Type	O imp:AdditionalValueType
imp:AdditionalValueList/AdditionalValue		Element



Type `imp:AdditionalValueType`

Elements		
Name	Usage Type	M <code>imp:CodeTypeContent</code>
Value	Usage Type	M <code>xs:string</code>

imp:AdditionalValueType ComplexType



Elements		
Name	Usage Type	M <code>imp:CodeTypeContent</code>
Value	Usage Type	M <code>xs:string</code>

imp:AdditionalValueType/Name Element

Type	<code>imp:CodeTypeContent</code>
------	----------------------------------

imp:AdditionalValueType/Value Element

Type	<code>xs:string</code>
------	------------------------

imp:Contact ComplexType



Description `Contact Information`

Elements		
Name	Usage Type Description	M <code>imp:Name</code> Name or department of a contact
Telephone	Usage Type Description	O <code>imp:Phone</code> Telephone communication number
	Usage	O

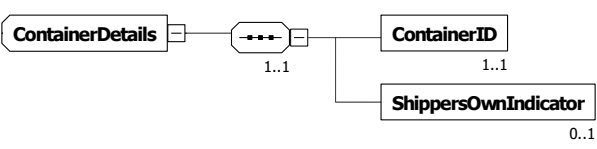
Elements		
Fax	Type	imp:Fax
	Description	Telefax communication number
Email	Usage	O
	Type	imp:Email
	Description	Email Address

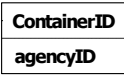
imp:Contact/Email		Element
Description	Email Address	
Type	imp:Email	
Length	3 .. 70	

imp:Contact/Fax		Element
Description	Telefax communication number	
Type	imp:Fax	
Length	1 .. 35	

imp:Contact/Name		Element
Description	Name or department of a contact	
Type	imp:Name	
Length	1 .. 35	

imp:Contact/Telephone		Element
Description	Telephone communication number	
Type	imp:Phone	
Length	1 .. 35	

imp:ContainerDetails		ComplexType
		
Description	Properties of a specific container	
Elements		
ContainerID	Usage	M
	Type	imp:ContainerID
	Description	Container ID including both prefix and numeric part (format PPPNNNNNNZ, for official numbers, the prefix must be a value listed in BIC code list!)
ShippersOwnIndicator	Usage	O
	Type	imp:ShippersOwnIndicator
	Description	Indicates that a container number is not an official container number

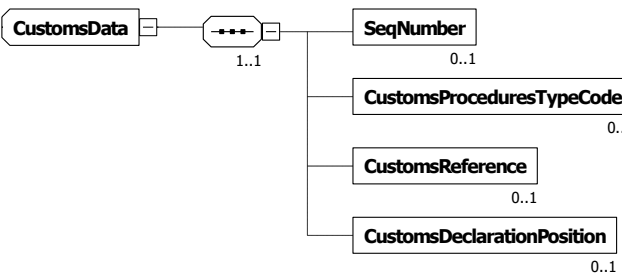
imp:ContainerDetails/ContainerID		Element
		
Description	Container ID including both prefix and numeric part (format PPPNNNNNNZ, for official	

numbers, the prefix must be a value listed in BIC code list!)		
Type	imp:ContainerID	
Attributes		
agencyID	Usage	O
	Type	xs:string

imp:ContainerDetails/ShippersOwnIndicator		Element
Description	Indicates that a container number is not an official container number	
Name	boolean data typ	
Type	imp:ShippersOwnIndicator	
Pattern	[01] true false	
Length	.. 5	

imp:ContainerID		ComplexType
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ContainerID </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> agencyID </div>		
Description	Container ID including both prefix and numeric part (format PPPNNNNNNZ, for official numbers, the prefix must be a value listed in BIC code list!)	
Type	imp:ContainerIDType	
Attributes		
agencyID	Usage	O
	Type	xs:string

imp:ContainerID/agencyID		Attribute
Type	xs:string	

imp:CustomsData		ComplexType
		
Description	Various references from the German ATLAS system each depending on the respective transport direction and the used customs procedure.	
Elements		
SeqNumber	Usage	O
	Type	xs:integer
	Description	Sequential number per Container Laufende Nummer je Container
CustomsProceduresTypeCode	Usage	O
	Type	imp:CustomsProceduresTypeCode
	Description	Customs Procedure, coded
CustomsReference	Usage	O
	Type	imp:an..35Type

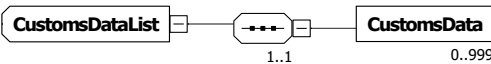
Elements		
	Description	Reference number
CustomsDeclarationPosition	Usage O Type xs:integer Description Describes the first position of the corresponding customs procedures that is located in the container. "0000" means all positions are located in the container.	

imp:CustomsData/CustomsDeclarationPosition		Element
Description	Describes the first position of the corresponding customs procedures that is located in the container. "0000" means all positions are located in the container.	
Type	xs:integer	
Pattern	\d{1,4}	
FractionDigits / TotalDigits	0 / 4	

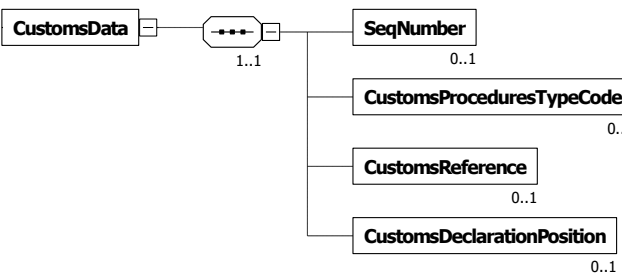
imp:CustomsData/CustomsProceduresTypeCode		Element
Description	Customs Procedure, coded	
Type	imp:CustomsProceduresTypeCode	

imp:CustomsData/CustomsReference		Element
Description	Reference number	
Type	imp:an..35Type	
Length	1 .. 35	

imp:CustomsData/SeqNumber		Element
Description	Sequential number per Container Laufende Nummer je Container	
Type	xs:integer	
Pattern	\d{1,3}	
FractionDigits / TotalDigits	0 / 3	

imp:CustomsDataList		ComplexType
		
Elements		
CustomsData	Usage O Type imp:CustomsData Description Various references from the German ATLAS system each depending on the respective transport direction and the used customs procedure.	

imp:CustomsDataList/CustomsData		Element
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Description Various references from the German ATLAS system each depending on the respective transport direction and the used customs procedure.

Type imp:CustomsData

Elements		
SeqNumber	Usage	O
	Type	xs:integer
	Description	Sequential number per Container Laufende Nummer je Container
CustomsProceduresTypeCode	Usage	O
	Type	imp:CustomsProceduresTypeCode
	Description	Customs Procedure, coded
CustomsReference	Usage	O
	Type	imp:an..35Type
	Description	Reference number
CustomsDeclarationPosition	Usage	O
	Type	xs:integer
	Description	Describes the first position of the corresponding customs procedures that is located in the container. "0000" means all positions are located in the container.

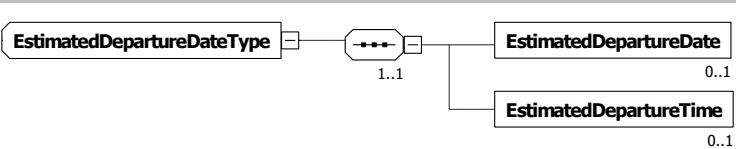
imp:DeclarantParty ComplexType



Description Information about a business party

Type imp:PartyType

imp:EstimatedDepartureDateType ComplexType



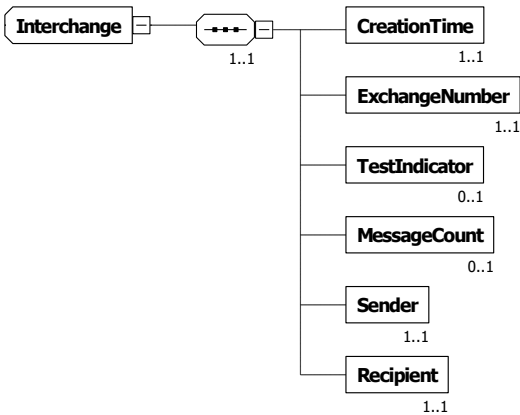
Description Estimated date and time of departure

Elements		
EstimatedDepartureDate	Usage	O
	Type	xs:date
	Description	Estimated date of departure
EstimatedDepartureTime	Usage	O
	Type	xs:time
	Description	Estimated time of departure

imp:EstimatedDepartureDateType/EstimatedDepartureDate		Element
Description	Estimated date of departure	
Type	xs:date	

imp:EstimatedDepartureDateType/EstimatedDepartureTime		Element
Description	Estimated time of departure	
Type	xs:time	

imp:Interchange		ComplexType
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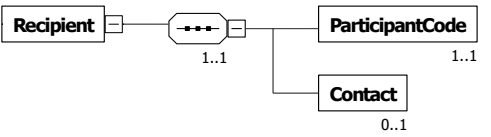
Description Each Interchange starts with an element containing some meta information, followed by one or more messages.

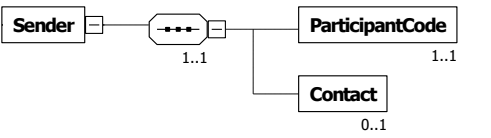
Elements		
CreationTime	Usage	M
	Type	imp:DocumentCreationTime
	Description	Date and time of document creation. Format : 2016-08-31T13:20:00
ExchangeNumber	Usage	M
	Type	imp:DocumentExchangeNumber
	Description	A unique reference number of an interchange.
TestIndicator	Usage	O
	Type	xs:boolean
MessageCount	Usage	O
	Type	imp:MessageCount
	Description	Number of messages (elements) within the interchange
Sender	Usage	M
	Type	imp:Participant
	Description	Information about the party who assembled and sent an interchange
Recipient	Usage	M
	Type	imp:Participant
	Description	Contains Information about the party receiving an Interchange. This party may forward the whole interchange or split it up into individual messages which will be further processed.

imp:Interchange/CreationTime		Element
Description	Date and time of document creation. Format : 2016-08-31T13:20:00	
Example	2016-09-01T13:27:00	
Type	imp:DocumentCreationTime	

imp:Interchange/ExchangeNumber		Element
Description	A unique reference number of an interchange.	
Example	000ICEN4040857	
Type	imp:DocumentExchangeNumber	
Length	1 .. 14	

imp:Interchange/MessageCount		Element
Description	Number of messages (elements) within the interchange	
Type	imp:MessageCount	
FractionDigits / TotalDigits	0 /	
Inclusive	1 ..	

imp:Interchange/Recipient		Element
		
Description	Contains Information about the party receiving an Interchange. This party may forward the whole interchange or split it up into individual messages which will be further processed.	
Type	imp:Participant	
Elements		
ParticipantCode	Usage	M
	Type	imp:ParticipantCode
Contact	Usage	O
	Type	imp>Contact
	Description	Contact Information

imp:Interchange/Sender		Element
		
Description	Information about the party who assembled and sent an interchange	
Type	imp:Participant	
Elements		
ParticipantCode	Usage	M
	Type	imp:ParticipantCode
Contact	Usage	O
	Type	imp>Contact
	Description	Message sender's contact information

imp:Interchange/TestIndicator		Element
Name	Test Indicator	
Type	xs:boolean	

imp:LocationType	ComplexType
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Description Location or place

Elements		
LocationID	Usage Type Description	O xs:string To identify a location or place with an identifier (usually this will be the UN Location Code)
SubLocationOne	Usage Type Description	O imp:SubLocation Location or place related to the "main" location. Usually used provide greater detail (e.g. the terminal, if the "main" location is a sea port)

imp:LocationType/LocationID

Element

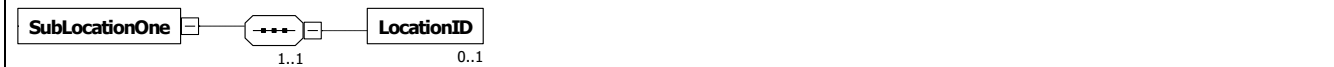
Description To identify a location or place with an identifier (usually this will be the UN Location Code)

Type xs:string

Length 1 .. 17

imp:LocationType/SubLocationOne

Element



Description Location or place related to the "main" location. Usually used provide greater detail (e.g. the terminal, if the "main" location is a sea port)

Type imp:SubLocation

Elements		
LocationID	Usage Type Description	O imp:LocationID To identify a location or place with an identifier

imp:Message

ComplexType



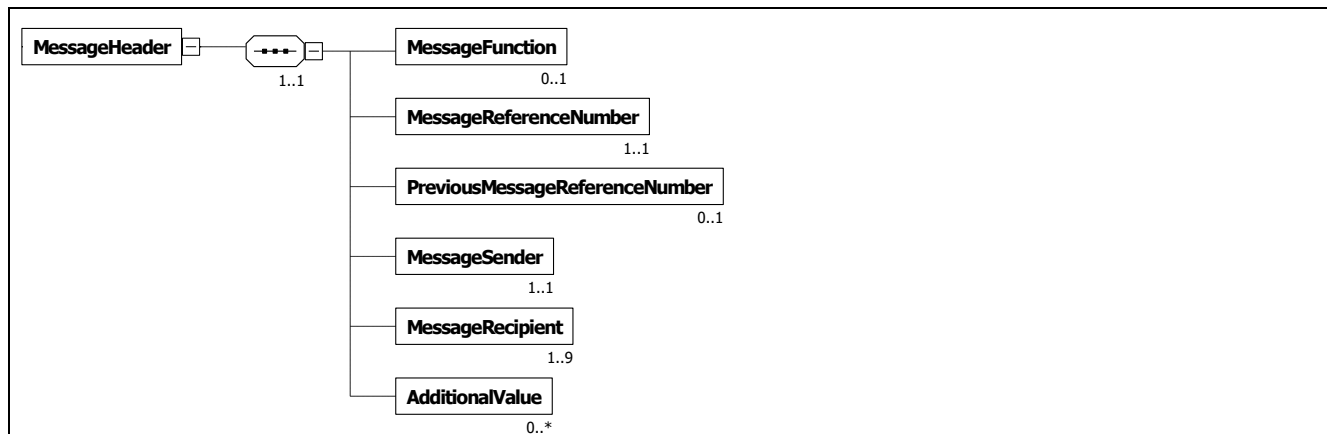
Attributes

MessageType	Usage Type	O xs:string
MessageVersionID	Usage Type	M xs:string

Elements		
MessageHeader	Usage Type Description	M imp:MessageHeader The message header contains meta information about an actual message which is transmitted as part of an interchange.

imp:Message/MessageHeader

Element



Description The message header contains meta information about an actual message which is transmitted as part of an interchange.

Type imp:MessageHeader

Elements

Element Name	Usage	Type	Description
MessageFunction	O	imp:MessageFunction	This indicator is used to mark a message as original, replacement or cancellation
MessageReferenceNumber	M	imp:MessageReferenceNumber	Unique reference number identifying a single message. An interchange may contain more than one message.
PreviousMessageReferenceNumber	O	imp:MessageReferenceNumber	For updates/cancellations (Message Function = 1 or 5), the reference number of a previous message for which an update or cancellation is sent
MessageSender	M	imp:Participant	This element contains information about the actual sender of a message (which might be different from the party who assembled and sent an interchange)
MessageRecipient	M	imp:Participant	This element contains information about a message's recipient/s.
AdditionalValue	O	imp:AdditionalValue	

imp:Message/MessageType

Attribute

Type xs:string

imp:Message/MessageVersionID

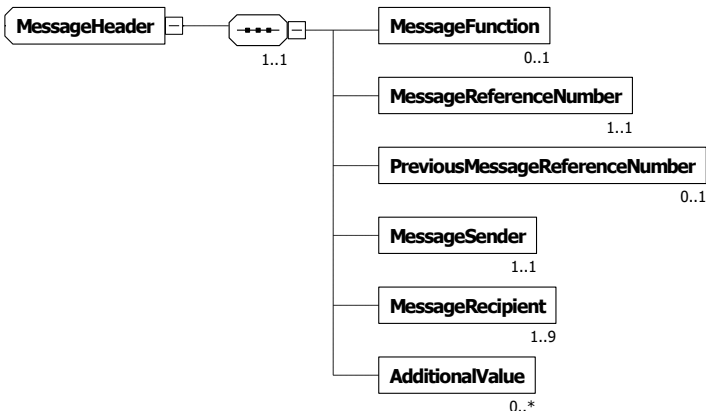
Attribute

Type xs:string

Use required

imp:MessageHeader

ComplexType



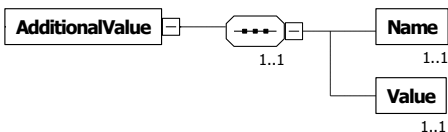
Description The message header contains meta information about an actual message which is transmitted as part of an interchange.

Elements

MessageFunction	Usage Type Description	O imp:MessageFunction This indicator is used to mark a message as original, replacement or cancellation
MessageReferenceNumber	Usage Type Description	M imp:MessageReferenceNumber Unique reference number identifying a single message. An interchange may contain more than one message.
PreviousMessageReferenceNumber	Usage Type Description	O imp:MessageReferenceNumber For updates/cancellations (Message Function = 1 or 5), the reference number of a previous message for which an update or cancellation is sent
MessageSender	Usage Type Description	M imp:Participant This element contains information about the actual sender of a message (which might be different from the party who assembled and sent an interchange)
MessageRecipient	Usage Type Description	M imp:Participant This element contains information about a message's recipient/s.
AdditionalValue	Usage Type	O imp:AdditionalValue

imp:MessageHeader/AdditionalValue

Element



Type imp:AdditionalValue

Elements

Name	Usage Type	M xs:string
Value	Usage Type	M xs:string

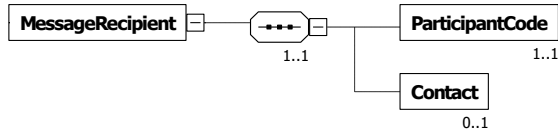
imp:MessageHeader/MessageFunction

Element

Description	This indicator is used to mark a message as original, replacement or cancellation
Example	9
Name	Message function code
Type	imp:MessageFunction
Length	.. 7

imp:MessageHeader/MessageRecipient

Element



Description	This element contains information about a message's recipient/s.
Type	imp:Participant

Elements

ParticipantCode	Usage	M
	Type	imp:ParticipantCode
Contact	Usage	O
	Type	imp>Contact
	Description	Contact Information

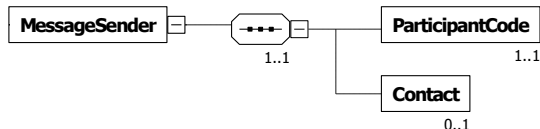
imp:MessageHeader/MessageReferenceNumber

Element

Description	Unique reference number identifying a single message. An interchange may contain more than one message.
Example	47110815
Type	imp:MessageReferenceNumber
Length	.. 35

imp:MessageHeader/MessageSender

Element



Description	This element contains information about the actual sender of a message (which might be different from the party who assembled and sent an interchange)
Type	imp:Participant

Elements

ParticipantCode	Usage	M
	Type	imp:ParticipantCode
Contact	Usage	O
	Type	imp>Contact
	Description	Contact Information

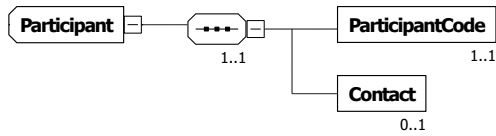
imp:MessageHeader/PreviousMessageReferenceNumber

Element

Description	For updates/cancellations (Message Function = 1 or 5), the reference number of a previous message for which an update or cancellation is sent
Type	imp:MessageReferenceNumber
Length	.. 35

imp:Participant

ComplexType



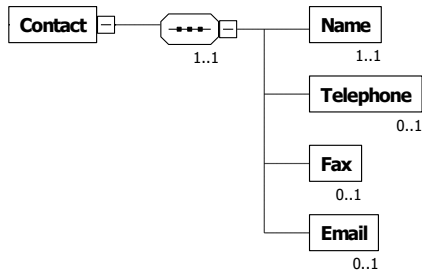
Description Party participating in a data exchange (e.g. DAKOSY Participant)

Elements

ParticipantCode	Usage Type	M imp:ParticipantCode
Contact	Usage Type Description	O imp>Contact Contact Information

imp:Participant/Contact

Element



Description Contact Information
Type imp>Contact

Elements

Name	Usage Type Description	M imp:Name Name or department of a contact
Telephone	Usage Type Description	O imp:Phone Telephone communication number
Fax	Usage Type Description	O imp:Fax Telefax communication number
Email	Usage Type Description	O imp:Email Email Address

imp:Participant/ParticipantCode

Element

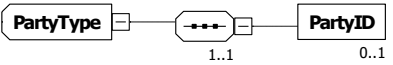


Name Participant code
Type imp:ParticipantCode
Length 1 .. 17

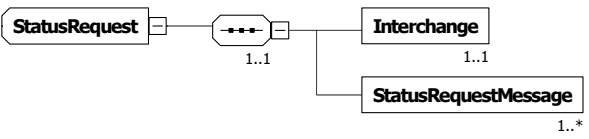
Attributes

AgencyID	Usage	O
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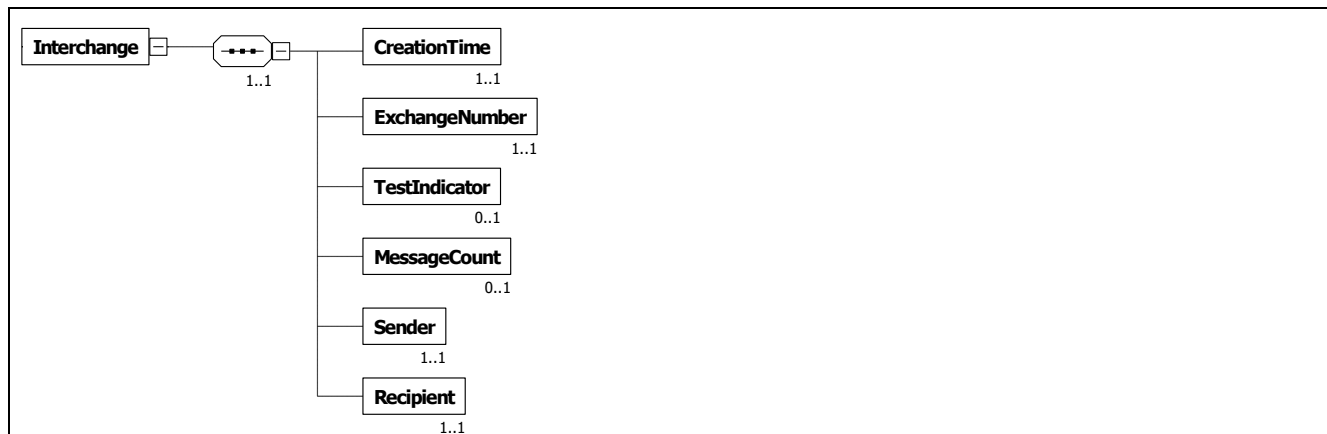
Attributes	
	Type xs:string

imp:PartyType		ComplexType
		
Description		Information about a business party
Elements		
PartyID	Usage O Type imp:PartyID Description Party identifier, assigned by the specified agency	

imp:PartyType/PartyID		Element			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">PartyID</td></tr> <tr><td style="padding: 2px;">schemeID</td></tr> <tr><td style="padding: 2px;">agencyID</td></tr> </table>			PartyID	schemeID	agencyID
PartyID					
schemeID					
agencyID					
Description		Party identifier, assigned by the specified agency			
Type		imp:PartyID			
Length		1 .. 17			
Attributes					
schemeID	Usage O Type xs:string Description To identify the identification scheme				
agencyID	Usage O Type xs:string Description To identify the responsible agency				

imp:StatusRequest		ComplexType
		
Description		IMP-Statusnachrichten \$Rev\$: \$Date\$:
Elements		
Interchange	Usage M Type imp:Interchange Description Each Interchange starts with an element containing some meta information, followed by one or more messages.	
StatusRequestMessage	Usage M Type imp:StatusRequestMessage	

imp:StatusRequest/Interchange		Element
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Description Each Interchange starts with an element containing some meta information, followed by one or more messages.

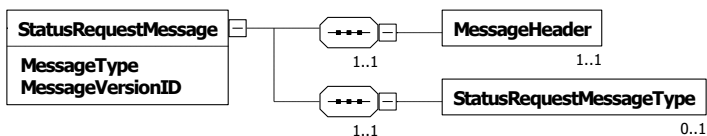
Type imp:Interchange

Elements

CreationTime	Usage Type Description	M imp:DocumentCreationTime Date and time of document creation. Format : 2016-08-31T13:20:00
ExchangeNumber	Usage Type Description	M imp:DocumentExchangeNumber A unique reference number of an interchange.
TestIndicator	Usage Type	O xs:boolean
MessageCount	Usage Type Description	O imp:MessageCount Number of messages (elements) within the interchange
Sender	Usage Type Description	M imp:Participant Information about the party who assembled and sent an interchange
Recipient	Usage Type Description	M imp:Participant Contains Information about the party receiving an Interchange. This party may forward the whole interchange or split it up into individual messages which will be further processed.

imp:StatusRequest/StatusRequestMessage

Element



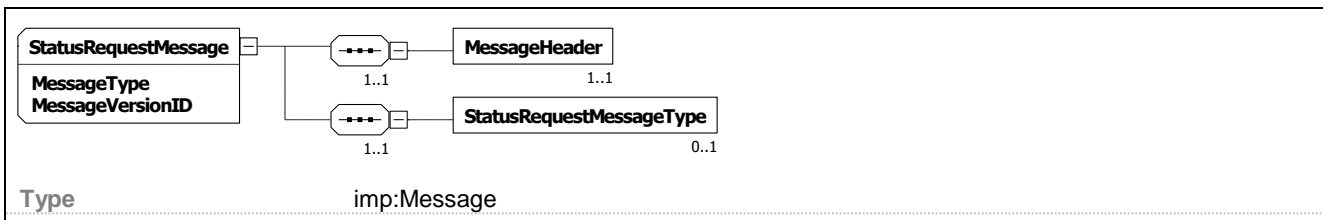
Type imp:StatusRequestMessage

Elements

StatusRequestMessage	Usage Type Description	O imp:StatusRequestMessageType Metainformationen des IMP-StatusRequests
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imp:StatusRequestMessage

ComplexType



Type imp:Message

Elements

StatusRequestMessage	Usage	O
	Type	imp:StatusRequestMessageType
	Description	Metainformationen des IMP-StatusRequests

imp:StatusRequestMessage/StatusRequestMessageType Element



Description Metainformationen des IMP-StatusRequests
Type imp:StatusRequestMessageType

Elements		
Container	Usage Type Description	O imp:ContainerDetails Properties of a specific container
MRN	Usage Type Description	O imp:MRN Movement reference number Mandatory if request is of type "landside StatusRequest". The MRN from a preceding transit procedure has to be filled in.
ATBNumber	Usage Type Description	O imp:ATBNumber ATB-number from summary declaration of temporary storage
BillOfLadingID	Usage Type Description	O imp:BillOfLadingID Document number of the BoL
IMPReferenceID	Usage Type Description	O imp:IMPReferenceID Reference ID identifying an import process. Assigned by IMP.
PriorIMPReferenceID	Usage Type Description	O imp:IMPReferenceID If an import process is cancelled and then restarted this element carries the IMP reference previously assigned to the import process.
CustomerReferenceID	Usage Type Description	O imp:CustomerReferenceID Freight Forwarder's reference.
StatusRequestType	Usage Type Description	M imp:StatusRequestTypeCode Mandatory in case of an LCL-IOI
StatusRequestRole	Usage Type Description	M imp:StatusRequestRoleTypeCode Description of the role, in which the message sender is making a request.
Terminal	Usage Type Description	O imp:TerminalLocation Terminal where the container will be discharged
DeclarantParty	Usage Type Description	O imp:DeclarantParty Customs declarant Initiation of automatic confirmation of a customs declaration: by specifying a participant code, the corresponding participant automatically receives the confirmation of the summary declaration, on following conditions: - The participant initialized the customs declaration in its customs application referring to the summary declaration - The message is automatically adopted in the participants customs application - The customs application provides a corresponding function to confirm the customs declaration automatically
SubsequentCustomsProcedure	Usage Type Description	O imp:SubsequentCustomsProcedure Describes the type of the subsequent customs procedure.

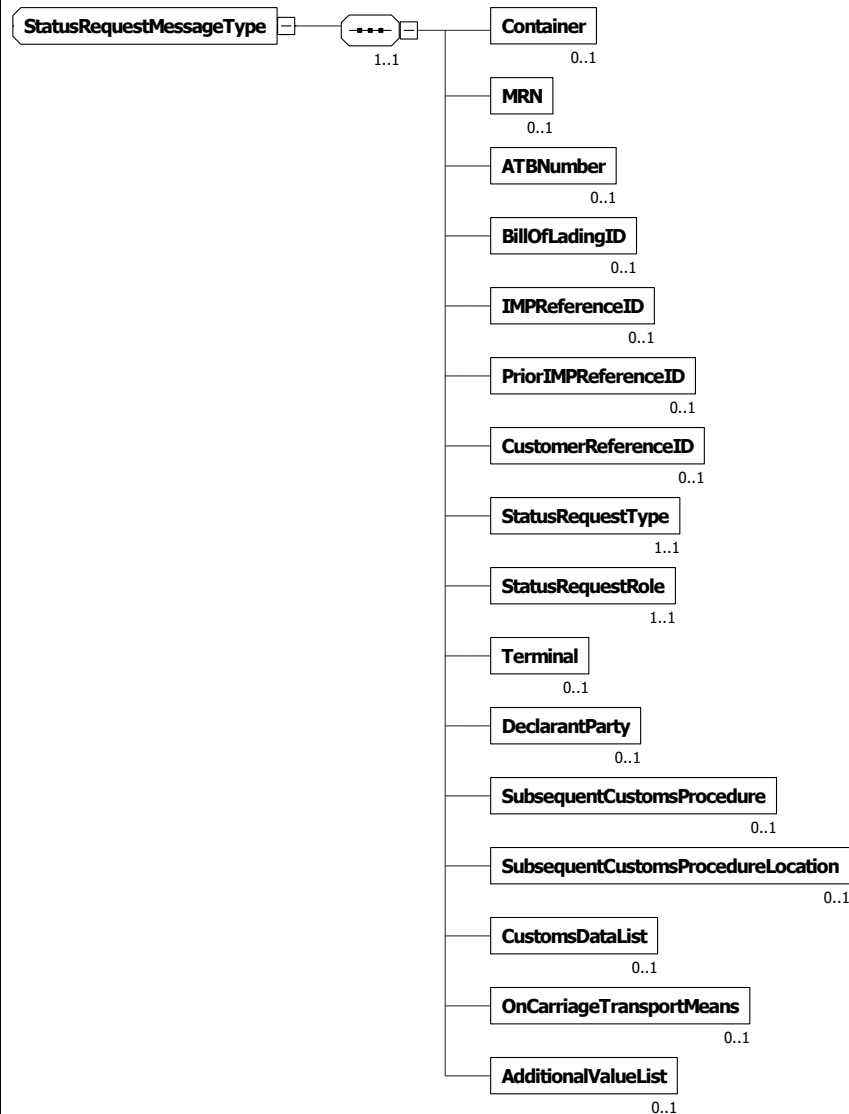
DAKOSY <u>Datenkommunikationssystem AG</u>	IMP-StatusRequest (XML)	
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SubsequentCustomsProcedureLocation	<table border="0"> <tr> <td data-bbox="493 277 618 306">Usage</td> <td data-bbox="651 277 672 306">O</td> </tr> <tr> <td data-bbox="493 306 618 336">Type</td> <td data-bbox="651 306 883 336">imp:TerminalLocation</td> </tr> <tr> <td data-bbox="493 336 618 365">Description</td> <td data-bbox="651 336 1446 474"> <p>Defines the locatin (terminal) where a subsequent customs procedure shall be confirmed or be lodged. If a container is transfered to another terminal, this element describes, where the function (Auto-IMP) will be triggered.</p> <p>Preconditions are: The target terminal holds the temporary storage and the container container is in the terminal's stock.</p> </td> </tr> <tr> <td></td> <td data-bbox="651 495 1393 527"> <p>If the element has not be sent, Auto-IMP will be lodged at the terminal</p> </td> </tr> </table>	Usage	O	Type	imp:TerminalLocation	Description	<p>Defines the locatin (terminal) where a subsequent customs procedure shall be confirmed or be lodged. If a container is transfered to another terminal, this element describes, where the function (Auto-IMP) will be triggered.</p> <p>Preconditions are: The target terminal holds the temporary storage and the container container is in the terminal's stock.</p>		<p>If the element has not be sent, Auto-IMP will be lodged at the terminal</p>
Usage	O								
Type	imp:TerminalLocation								
Description	<p>Defines the locatin (terminal) where a subsequent customs procedure shall be confirmed or be lodged. If a container is transfered to another terminal, this element describes, where the function (Auto-IMP) will be triggered.</p> <p>Preconditions are: The target terminal holds the temporary storage and the container container is in the terminal's stock.</p>								
	<p>If the element has not be sent, Auto-IMP will be lodged at the terminal</p>								

Elements		
		where the container has been discharged.
CustomsDataList	Usage Type	O imp:CustomsDataList
OnCarriageTransportMeans	Usage Type Description	O imp:TransportMeans Transport means used for this transport leg
AdditionalValueList	Usage Type	O imp:AdditionalValueList

imp:StatusRequestMessageType

ComplexType

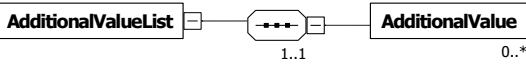


Description Metainformationen des IMP-StatusRequests

Elements		
Container	Usage Type	O imp:ContainerDetails

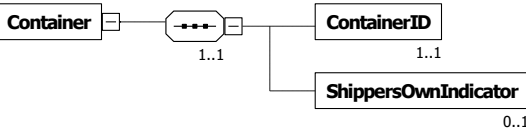
Elements		
	Description	Properties of a specific container
MRN	Usage Type Description	O imp:MRN Movement reference number Mandatory if request is of type "landside StatusRequest". The MRN from a preceding transit procedure has to be filled in.
ATBNumber	Usage Type Description	O imp:ATBNumber ATB-number from summary declaration of temporary storage
BillOfLadingID	Usage Type Description	O imp:BillOfLadingID Document number of the BoL
IMPReferenceID	Usage Type Description	O imp:IMPReferenceID Reference ID identifying an import process. Assigned by IMP.
PriorIMPReferenceID	Usage Type Description	O imp:IMPReferenceID If an import process is cancelled and then restarted this element carries the IMP reference previously assigned to the import process.
CustomerReferenceID	Usage Type Description	O imp:CustomerReferenceID Freight Forwarder's reference.
StatusRequestType	Usage Type Description	M imp:StatusRequestTypeCode Mandatory in case of an LCL-IOI
StatusRequestRole	Usage Type Description	M imp:StatusRequestRoleTypeCode Description of the role, in which the message sender is making a request.
Terminal	Usage Type Description	O imp:TerminalLocation Terminal where the container will be discharged
DeclarantParty	Usage Type Description	O imp:DeclarantParty Customs declarant Initiation of automatic confirmation of a customs declaration: by specifying a participant code, the corresponding participant automatically receives the confirmation of the summary declaration, on following conditions: <ul style="list-style-type: none"> - The participant initialized the customs declaration in its customs application referring to the summary declaration - The message is automatically adopted in the participants customs application - The customs application provides a corresponding function to confirm the customs declaration automatically
SubsequentCustomsProcedure	Usage Type Description	O imp:SubsequentCustomsProcedure Describes the type of the subsequent customs procedure.
SubsequentCustomsProcedureLocation	Usage Type Description	O imp:TerminalLocation Defines the locatin (terminal) where a subsequent customs procedure shall be confirmed or be lodged. If a container is transferred to another terminal, this element describes, where the function (Auto-IMP) will be triggered. Preconditions are: The target terminal holds the temporary storage and the container container is in the terminal's stock. If the element has not be sent, Auto-IMP will be lodged at the terminal where the container has been discharged.

Elements		
	Type	imp:CustomsDataList
OnCarriageTransportMeans	Usage	O
	Type	imp:TransportMeans
	Description	Transport means used for this transport leg
AdditionalValueList	Usage	O
	Type	imp:AdditionalValueList

imp:StatusRequestMessageType/AdditionalValueList		Element
		
Type	imp:AdditionalValueList	
Elements		
AdditionalValue	Usage	O
	Type	imp:AdditionalValueType

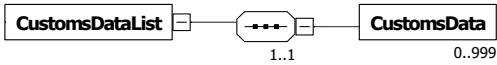
imp:StatusRequestMessageType/ATBNumber		Element
Description	ATB-number from summary declaration of temporary storage	
Type	imp:ATBNumber	
Length	1 .. 21	

imp:StatusRequestMessageType/BillOfLadingID		Element
Description	Document number of the BoL	
Type	imp:BillOfLadingID	
Length	1 .. 35	

imp:StatusRequestMessageType/Container		Element
		
Description	Properties of a specific container	
Type	imp:ContainerDetails	
Elements		
ContainerID	Usage	M
	Type	imp:ContainerID
	Description	Container ID including both prefix and numeric part (format PPPNNNNNZ, for official numbers, the prefix must be a value listed in BIC code list!)
ShippersOwnIndicator	Usage	O
	Type	imp:ShippersOwnIndicator
	Description	Indicates that a container number is not an official container number

imp:StatusRequestMessageType/CustomerReferenceID		Element
Description	Freight Forwarder's reference.	
Example	XC4020080723CD	
Type	imp:CustomerReferenceID	
Length	1 .. 35	

imp:StatusRequestMessageType/CustomsDataList Element

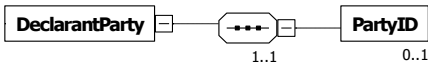


Type: imp:CustomsDataList

Elements

CustomsData	Usage	O
	Type	imp:CustomsData
	Description	Various references from the German ATLAS system each depending on the respective transport direction and the used customs procedure.

imp:StatusRequestMessageType/DeclarantParty Element



Description

Customs declarant
Initiation of automatic confirmation of a customs declaration: by specifying a participant code, the corresponding participant automatically receives the confirmation of the summary declaration, on following conditions:

- The participant initialized the customs declaration in its customs application referring to the summary declaration
- The message is automatically adopted in the participants customs application
- The customs application provides a corresponding function to confirm the customs declaration automatically

Type: imp:DeclarantParty

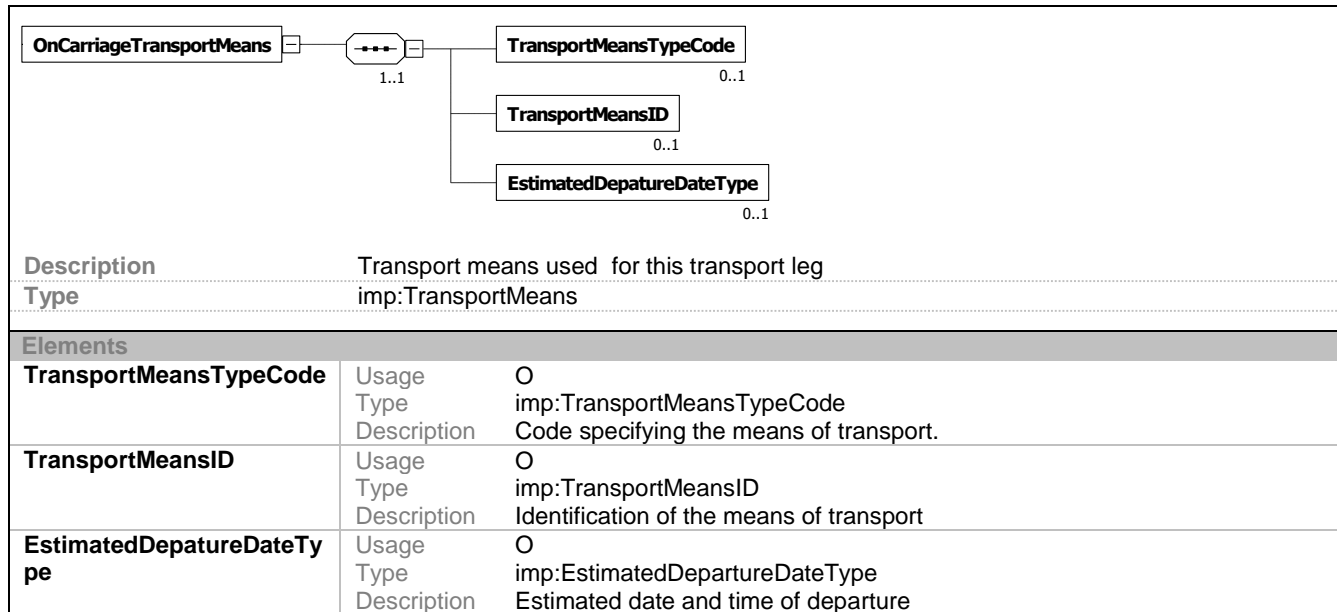
imp:StatusRequestMessageType/IMPReferenceID Element

Description	Reference ID identifying an import process. Assigned by IMP.
Remark	Structure: 01 - 01 = 'I' 02 - 03 = system, that generated the reference (dbh, DAKOSY); values: "HB", "HH" 04 - 09 = Date of generation, format YYMMDD 10 - 10 = Import Operation Instruction with container (1), general cargo (0) or "LCL-IOI" (2) 11 - 17 = consecutive number per day 18 - 18 = check digit (according to ISO 6346)
Example	IHH090525100125313
Type	imp:IMPReferenceID
Pattern	[IS]{1}[A-Z]{2}\d{6}[012]\d{8}
Length	18 .. 18

imp:StatusRequestMessageType/MRN Element

Description	Movement reference number Mandatory if request is of type "landside StatusRequest". The MRN from a preceding transit procedure has to be filled in.
Type	imp:MRN
Pattern	[0-9]{2}[A-Z]{2}[A-Z0-9]{14}

imp:StatusRequestMessageType/OnCarriageTransportMeans Element



imp:StatusRequestMessageType/PriorIMPReferenceID		Element
Description	If an import process is cancelled and then restarted this element carries the IMP reference previously assigned to the import process.	
Remark	Structure: 01 - 01 = 'I' 02 - 03 = system, that generated the reference (dbh, DAKOSY); values: "HB", "HH" 04 - 09 = Date of generation, format YYMMDD 10 - 10 = Import Operation Instruction with container (1), general cargo (0) or "LCL-IOI" (2) 11 - 17 = consecutive number per day 18 - 18 = check digit (according to ISO 6346)	
Example	IHH090525100125313 I08A224412303145D7	
Type	imp:IMPReferenceID	
Pattern	[IS]{1}[A-Z]{2}\d{6}[012]\d{8}	
Length	18 .. 18	

imp:StatusRequestMessageType/StatusRequestRole		Element
StatusRequestRole		
Description	Description of the role, in which the message sender is making a request.	
Type	imp:StatusRequestRoleTypeCode	
Length	.. 17	

imp:StatusRequestMessageType/StatusRequestType		Element
Description	Mandatory in case of an LCL-IOI	
Name	Status Request Type	
Type	imp:StatusRequestTypeCode	
Length	.. 3	

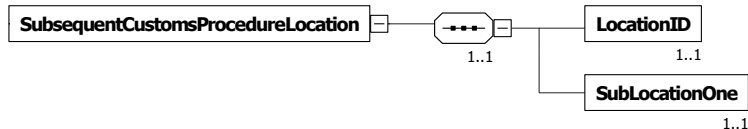
imp:StatusRequestMessageType/		Element
-------------------------------	--	---------

SubsequentCustomsProcedure

Description	Describes the type of the subsequent customs procedure.
Type	imp:SubsequentCustomsProcedure
Length	.. 17

imp:StatusRequestMessageType/ SubsequentCustomsProcedureLocation

Element



Description

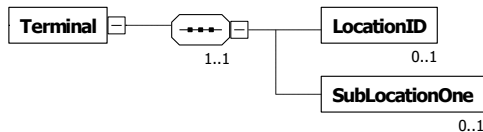
Defines the locatin (terminal) where a subsequent customs procedure shall be confirmed or be lodged. If a container is transfered to another terminal, this element describes, where the function (Auto-IMP) will be triggered. Preconditions are: The target terminal holds the temporary storage and the container container is in the terminal's stock.

If the element has not be sent, Auto-IMP will be lodged at the terminal where the container has been discharged.

Type imp:TerminalLocation

imp:StatusRequestMessageType/Terminal

Element

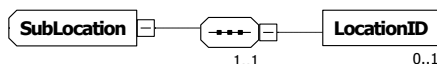


Description Terminal where the container will be discharged

Type imp:TerminalLocation

imp:SubLocation

ComplexType



Description Location or place related to the "main" location. Usually used provide greater detail (e.g. the terminal, if the "main" location is a sea port)

Elements

LocationID	Usage	O
	Type	imp:LocationID
	Description	To identify a location or place with an identifier

imp:SubLocation/LocationID

Element

LocationID

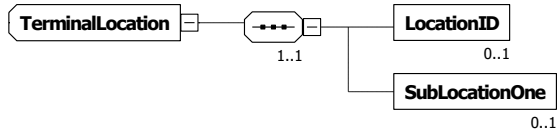
Description To identify a location or place with an identifier

Type imp:LocationID

Length 1 .. 25

imp:TerminalLocation

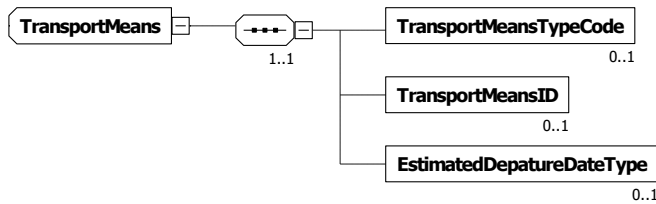
ComplexType



Description Terminal with it's location
Type imp:LocationType

imp:TransportMeans

ComplexType



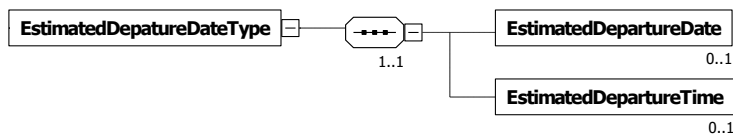
Description Transport means used for this transport leg

Elements

TransportMeansTypeCode	Usage	O
	Type	imp:TransportMeansTypeCode
	Description	Code specifying the means of transport.
TransportMeansID	Usage	O
	Type	imp:TransportMeansID
	Description	Identification of the means of transport
EstimatedDepatureDateType	Usage	O
	Type	imp:EstimatedDepartureDateType
	Description	Estimated date and time of departure

imp:TransportMeans/EstimatedDepatureDateType

Element



Description Estimated date and time of departure
Type imp:EstimatedDepartureDateType

Elements

EstimatedDepartureDate	Usage	O
	Type	xs:date
	Description	Estimated date of departure
EstimatedDepartureTime	Usage	O
	Type	xs:time
	Description	Estimated time of departure

imp:TransportMeans/TransportMeansID

Element

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">TransportMeansID</td></tr> <tr><td style="padding: 2px;">schemeID</td></tr> <tr><td style="padding: 2px;">agencyID</td></tr> </table>			TransportMeansID	schemeID	agencyID
TransportMeansID					
schemeID					
agencyID					
Description	Identification of the means of transport				
Type	imp:TransportMeansID				
Length	1 .. 35				
Attributes					
schemeID	Usage	O			
	Type	xs:string			
agencyID	Usage	O			
	Type	xs:string			

imp:TransportMeans/TransportMeansTypeCode	Element			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">TransportMeansTypeCode</td></tr> <tr><td style="padding: 2px;">listID</td></tr> <tr><td style="padding: 2px;">agencyID</td></tr> </table>		TransportMeansTypeCode	listID	agencyID
TransportMeansTypeCode				
listID				
agencyID				
Description	Code specifying the means of transport.			
Type	imp:TransportMeansTypeCode			
Length	1 .. 8			
Attributes				
listID	Usage			
	Type			
agencyID	Usage			
	Type			

5 Sample Messages

5.1 XML Messages

5.1.1 Status Request Declarant

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<imp:ImpStatusRequest xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:imp="http://xsd.dakosy.de/imp">
<Interchange>
  <CreationTime>2014-08-01T13:27:00</CreationTime>
  <ExchangeNumber>000ICEN4040857</ExchangeNumber>
  <TestIndicator>true</TestIndicator>
  <MessageCount>1</MessageCount>
  <Sender>
    <ParticipantCode AgencyID="DAK">DAKT</ParticipantCode>
    <Contact>
      <Name>Support User</Name>
      <Telephone>0</Telephone>
      <Fax>0</Fax>
      <Email>n.name@dakosy.de</Email>
    </Contact>
  </Sender>
  <Recipient>
    <ParticipantCode AgencyID="DAK">IMP</ParticipantCode>
    <Contact>
      <Name>IMP-Direct</Name>
      <Telephone>+49 40 37003-0</Telephone>
      <Fax>+49 40 37003-0</Fax>
      <Email>p-mueller@dakosy.de</Email>
    </Contact>
  </Recipient>
</Interchange>
<StatusRequestMessage MessageType="ImpStatusRequest" MessageVersionID="1.0.0">
  <MessageHeader>
    <MessageFunction>9</MessageFunction>
    <MessageReferenceNumber>47110815</MessageReferenceNumber>
    <PreviousMessageReferenceNumber>000ICEN4040855</PreviousMessageReferenceNumber>
    <MessageSender>
      <ParticipantCode AgencyID="DAK">DAKT</ParticipantCode>
      <Contact>
        <Name>Support User</Name>
        <Telephone>0</Telephone>
        <Fax>0</Fax>
        <Email>p-mueller@dakosy.de</Email>
      </Contact>
    </MessageSender>
    <MessageRecipient>
```

```

    <ParticipantCode AgencyID="DAK">CTA</ParticipantCode>
    <Contact>
      <Name>HR. MUELLER</Name>
      <Telephone>0</Telephone>
      <Fax>0</Fax>
      <Email>gerl@dakosy.de</Email>
    </Contact>
  </MessageRecipient>
  <AdditionalValue>
    <Name>XXXXXXXXXX</Name>
    <Value>XXXXXXXXXX</Value>
  </AdditionalValue>
</MessageHeader>
<StatusRequestMessageType>
  <Container>
    <ContainerID agencyID="5">TCLU2147093</ContainerID>
    <ShippersOwnIndicator>J</ShippersOwnIndicator>
  </Container>
  <ATBNumber>ATB150032850120155872</ATBNumber>
  <PriorIMPReferenceID>IHH140103110000081</PriorIMPReferenceID>
  <CustomerReferenceID>XC4020080723CD</CustomerReferenceID>
  <StatusRequestType>FCL</StatusRequestType>
  <StatusRequestRole>DECLARANT</StatusRequestRole>
  <Terminal>
    <LocationID>DEHAM</LocationID>
    <SubLocationOne>
      <LocationID>CTA</LocationID>
    </SubLocationOne>
  </Terminal>
  <OnCarriageTransportMeans>
    <TransportMeansTypeCodelistID="8179" agencyID="8067">11</TransportMeansTypeCode>
  </OnCarriageTransportMeans>
</StatusRequestMessageType>
</StatusRequestMessage>
</imp:ImpStatusRequest>

```

5.1.2 Status Request on-carriage

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<imp:ImpStatusRequest xmlns:xs="http://www.w3.org/2001/XMLSchema"

  xmlns:imp="http://xsd.dakosy.de/imp">
  <Interchange>
    <CreationTime>2020-10-28T13:27:00</CreationTime>
    <ExchangeNumber>000ICEN4040857</ExchangeNumber>
    <TestIndicator>true</TestIndicator>
    <MessageCount>1</MessageCount>
    <Sender>
      <ParticipantCode AgencyID="DAK">DAKT</ParticipantCode>
      <Contact>

```

```
<Name>Support User</Name>
<Telephone>0</Telephone>
<Fax>0</Fax>
<Email>p.mueller@dakosy.de</Email>
</Contact>
</Sender>
<Recipient>
  <ParticipantCode AgencyID="DAK">IMP</ParticipantCode>
</Interchange>
<StatusRequestMessage MessageType="ImpStatusRequest" MessageVersionID="1.0.0">
  <MessageHeader>
    <MessageFunction>9</MessageFunction>
    <MessageReferenceNumber>47110815</MessageReferenceNumber>
    <PreviousMessageReferenceNumber>000ICEN4040855</PreviousMessageReferenceNumber>
    <MessageSender>
      <ParticipantCode AgencyID="DAK">DAKT</ParticipantCode>
      <Contact>
        <Name>Support User</Name>
        <Telephone>0</Telephone>
        <Fax>0</Fax>
        <Email>a.mueller@dakosy.de</Email>
      </Contact>
    </MessageSender>
    <MessageRecipient>
      <ParticipantCode AgencyID="DAK">IMP</ParticipantCode>
    </MessageRecipient>
  </MessageHeader>
  <StatusRequestMessageType>
    <Container>
      <ContainerID agencyID="5">TCLU2147093</ContainerID>
      <ShippersOwnIndicator>N</ShippersOwnIndicator>
    </Container>
    <CustomerReferenceID>XC4020080723CD</CustomerReferenceID>
    <StatusRequestType>FCL</StatusRequestType>
    <StatusRequestRole>ON_CARRIAGE</StatusRequestRole>
    <OnCarriageTransportMeans>
      <TransportMeansTypeCode listID="8179" agencyID="8067">11</TransportMeansTypeCode>
      <TransportMeansID>05021</TransportMeansID>
      <EstimatedDepartureDateType>
        <EstimatedDepartureDate>2020-11-10</EstimatedDepartureDate>
      </OnCarriageTransportMeans>
    </StatusRequestMessageType>
  </StatusRequestMessage>
```