IMP

XML - Import Operation Instruction

Business Integration for the Port of Hamburg

Message implementation guideline
Version 1.4.5/E

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Change history

Version	Concerned section	Reason	Name	Date
0.3.1	3	- Element Freight Forwarder removed, because it is identical with the Message Sender	Schwanke	02.06.2009
0.9	All	- Different adaptations / revision	Blanken	30.11.2009
0.9.1	2.2 3	- Comments to XML-Namespaces included - Descriptions and annotations acTualised / corrected	Blanken	16.12.2009
1.0	3	- Smaller modifications; first version of pilot phase	Blanken	11.01.2010
1.1	All	- Layout adjustments - New: Identifier LCL disposal, House-B/L for LCL disposal, terminal code = optional	Schwanke	12.06.2012
1.2	3	- New: Delivery Address for Transport order	Schwanke	16.07.2012
1.2.1	3	- Change of depository added	Diettrich	21.12.2012
1.2.2		- Carrier code changed to optional - Carrier code may contain SCAC and DAKOSY code - Edition of descriptions for customs declarants, authorized party and depository change - Rules for update and cancellation changed	Diettrich	16.04.2013
1.2.3		- Addition of document upload	Diettrich	07.03.2014
1.2.4		- New Transport code „16“ for barge - Addition of „Packaging Reference“ under Additional Values	Diettrich	26.05.2014
1.2.5		- Adjustment of sequence documents - New mandatory fields for DUP (ATB no., position, filename and blob data)	Diettrich	04.12.2014
1.3		Addition of storage location in case of an depository change. Addition of fields for branches/offices.	Diettrich	23.06.2015
1.3.1		- Documents for document upload removed - AdditionalValue: Name and value are mandatory fields (so far only optional) - REQUEST_FOR_RELEASE_NUMBER added as additionalValue	Diettrich	06.03.2017
1.4.1		-Specifications regarding the period of validity removed	Diettrich	15.05.2017
1.4.2		- Erroneous mandatory field definitions corrected; addition of report “components”	Diettrich	29.06.2017
1.4.3		- New for Auto-IMP: Terminal at which Auto-IMP is to be executed. - pattern in IndicatorType changed, length increased to 5 - AdditionalValue: Element "Value" must be mandatory. - added empty container depot and turn-in reference - pattern for IMP reference corrected	Schwanke	25.04.2018
1.4.4		- Schemalocation added - additionalValue removed in Header - - additionalValue (detail) entries for BLE and PGZ removed	Schwanke	14.05.2024
1.4.5		- Layout changes	Diettrich	20.05.2024

Change requests
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Used tools

Number	Used tools
W1	This document was created with the word processing programme **MS Word 2021**.
W2	Graphics and XSD-reports have been generated by GEFEG FX 7

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Table of contents

1 Processing rules

Following applies for the sending of a disposal:

1.1 Sending of new creation

1. An Import Operation Instruction with the same container no. and the same B/L no. must not yet be available.
2. Earlier versions of this implementation guideline required the IMP reference of a previous cancelled import operation instruction, if a new request with the same parameters was sent. This rule does not apply anymore. Currently this does not have any impact on the xml-interface: The IMP ignores the element PriorIMPReferenceID until further notice.
3. The Import Operation Instruction should be sent before the arrival of the vessel.

1.2 Change of an Import Operation Instruction

Following rules apply for the transmission of a change message.

1. The change of an import operation instruction is permitted, if container and B/L no. do not change.
2. The change of an import operation instruction will be rejected, if a transport order is already available.

1.3 Cancellation of an Import Operation Instruction

As long as the data of an import operation instruction is available in the database and has not been moved to the archive, an import operation instruction can be cancelled.

1.4 Period of validity of an Import Operation Instruction

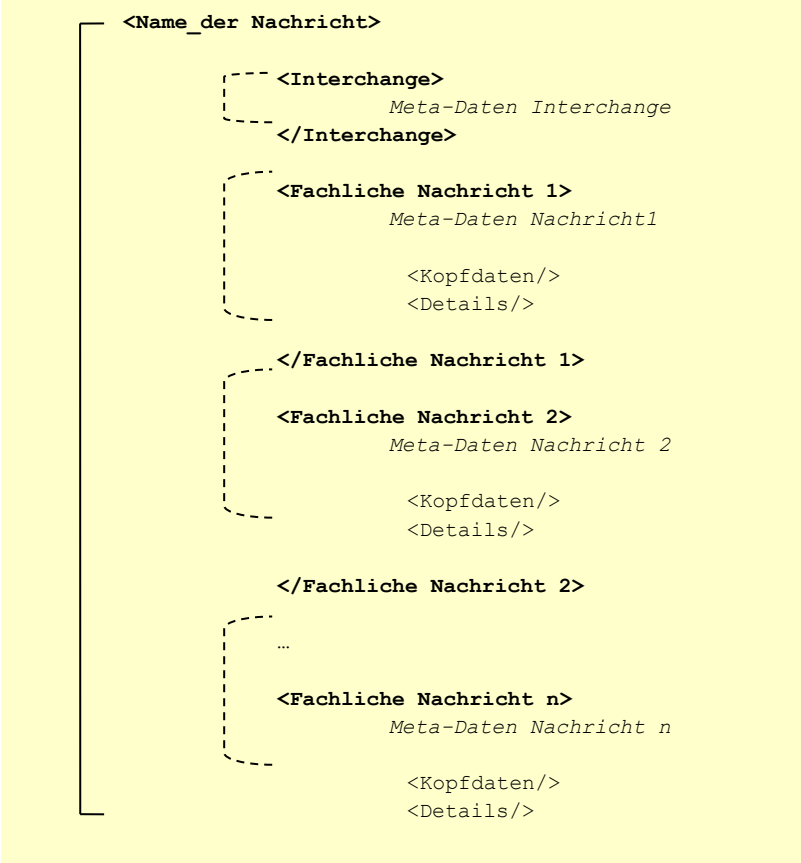
The period of validity of an Import Operation Instruction is only given due to the time period in which the data remain stored in the data base, currently six month starting from the creation date of an import instruction. Afterwards the data is moved to a separate archiving sector for research purposes from which it is deleted after two years (as of May 23, 2018).

The reactivation of such an Import Operation Instruction is impossible. A new creation has to be sent, if a container shall be disposed again.

2 Messages

2.1 Structure

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



An interchange, comparable with a physical transmission file, includes one or more messages. Basically only documents of the same message type are incorporated in an interchange. Thus, disposals, status messages or the like are not combined in a transmission, but only messages of one type – the disposal in this case.

The meta information is prepended to the technical messages of the interchange. It describes data regarding the physical transmission, e.g. the sender, receiver and creation of the file.

The meta information of the technical message, for instance, indicate the identity of the sender and receiver of the data. Following scenarios are conceiveable:

Interchange: Forwarder ABC sends several Import Operation Instructions to IMP.

Message 1: Forwarder ABC sends Import Operation Instruction to the terminal CTA
Message 2: Forwarder ABC sends Import Operation Instruction to the terminal EUR
Message 3: Forwarder ABC sends Import Operation Instruction to the terminal SWT
…
Message n: Forwarder ABC sends Import Operation Instruction to the terminal 048

2.2 Information about the use of XML namespaces

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

- The root element must be labelled with the namespace prefix imp:. (<imp:ImportOperationInstruction>…</imp:ImportOperationInstruction>)
- All other elements have to be specified *without* namespace prefix.

3 Message Structure

Occurrence	Element/Attribute
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**
	AgencyID
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**
0 .. 1	**Contact**
1 .. 1	xs:sequence
1 .. 1	**Name**
0 .. 1	**Telephone**
0 .. 1	**Fax**
0 .. 1	**Email**
1 .. unbounded	**ImportOperationInstructionMessage**
	MessageType
required	*MessageVersionID*
1 .. 1	xs:sequence
1 .. 1	**MessageHeader**
1 .. 1	xs:sequence
0 .. 1	**MessageFunction**
1 .. 1	**MessageReferenceNumber**
0 .. 1	**PreviousMessageReferenceNumber**
1 .. 1	**MessageSender**
1 .. 1	xs:sequence
1 .. 1	**ParticipantCode**
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

Occurrence	Element/Attribute
1 .. 1	**ParticipantCode**
	AgencyID
1 .. 1	**ImportOperationInstructionHeader**
1 .. 1	xs:sequence
0 .. 1	**IMPReferenceID**
0 .. 1	**PriorIMPReferenceID**
0 .. 1	**CustomerReferenceID**
0 .. 1	**ImportOperationInstructionTypeCode**
0 .. 1	**Terminal**
1 .. 1	xs:sequence
1 .. 1	**LocationID**
0 .. 1	**SubLocationOne**
1 .. 1	xs:sequence
1 .. 1	**LocationID**
0 .. 1	**CarrierParty**
1 .. 1	xs:sequence
1 .. 1	**PartyID**
0 .. 9	**AuthorizedParty**
1 .. 1	xs:sequence
1 .. 1	**PartyID**
0 .. 9	**InformationContact**
	ContactTypeCode
1 .. 1	xs:sequence
1 .. 1	**Name**
0 .. 1	**Telephone**
0 .. 1	**Fax**
0 .. 1	**Email**
0 .. 1	**TransportMeans**
1 .. 1	xs:sequence
0 .. 1	**TransportMeansID**
0 .. 1	**CallSign**
0 .. 1	**EstimatedDepartureDateType**
1 .. 1	xs:sequence
0 .. 1	**EstimatedDepartureDate**
0 .. 1	**EstimatedDepartureTime**
0 .. 1	**EstimatedArrivalDateType**
1 .. 1	xs:sequence
0 .. 1	**EstimatedArrivalDate**
1 .. 1	**ImportOperationInstructionDetail**
1 .. 1	xs:sequence
0 .. 1	**BillOfLadingID**
0 .. 1	**HouseBillOfLadingID**
0 .. 1	**BookingReference**
0 .. 1	**DangerousGoodsIndicator**
0 .. 1	**ReleaseNumber**
0 .. 1	**ExpiryDate**
0 .. 1	**EstimatedPickUpDate**

Occurrence	Element/Attribute
0 .. 1	**TransportCompanyParty**
1 .. 1	xs:sequence
0 .. 1	**PartyID**
0 .. 3	**Name**
0 .. 1	**QuayAccountID**
0 .. 1	**Address**
0 .. 1	**NextAuthorizedParty**
0 .. 1	**GermanPortsCustomerReferenceID**
0 .. 1	**TransportOrderID**
0 .. 1	**RepresentativeParty**
1 .. 1	xs:sequence
0 .. 1	**PartyID**
0 .. 1	**EORI**
1 .. 1	xs:sequence
1 .. 1	**EORIReference**
0 .. 1	**SubsidiaryNumber**
0 .. 1	**Address**
1 .. 1	xs:sequence
0 .. 5	**AddressLine**
0 .. 1	**Street**
0 .. 1	**PostBoxID**
0 .. 1	**City**
0 .. 1	**PostalIdentificationCode**
0 .. 1	**CountryCode**
0 .. 9	**InformationContact**
1 .. 1	xs:sequence
1 .. 1	**Name**
0 .. 1	**Telephone**
0 .. 1	**Fax**
0 .. 1	**Email**
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	**DeclarantParty**
1 .. 1	xs:sequence
0 .. 1	**PartyID**
0 .. 1	**PackingFacilityLocation**
1 .. 1	xs:sequence
1 .. 1	**LocationID**
1 .. 1	**SubLocationOne**
1 .. 1	xs:sequence
1 .. 1	**LocationID**
0 .. 1	**Container**

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 1	**ContainerID**
0 .. 1	**ShippersOwnIndicator**
1 .. 1	**OnCarriageTransportMeans**
1 .. 1	xs:sequence
1 .. 1	**TransportMeansTypeCode**
0 .. 1	**PlaceOfDestination**
1 .. 1	xs:sequence
0 .. 1	**LocationID**
0 .. 1	**LocationName**
0 .. 1	**DeliveryAddress**
1 .. 1	xs:sequence
0 .. 2	**Name**
0 .. 1	**Address**
1 .. 1	xs:sequence
0 .. 2	**AddressLine**
0 .. 1	**Street**
0 .. 1	**PostBoxID**
0 .. 1	**City**
0 .. 1	**PostalIdentificationCode**
0 .. 1	**CountryCode**
0 .. 1	**ReturnLocationData**
1 .. 1	xs:sequence
0 .. 1	**EmptyContainerDepot**
1 .. 1	xs:sequence
0 .. 1	**LocationID**
0 .. 1	**SubLocationOne**
1 .. 1	xs:sequence
0 .. 1	**LocationID**
0 .. 1	**LocationName**
0 .. 999	**CustomsData**
1 .. 1	xs:sequence
0 .. 1	**SeqNumber**
0 .. 1	**CustomsProceduresTypeCode**
0 .. 1	**CustomsReference**
0 .. 1	**CustomsDeclarationPosition**
0 .. 99	**NotificationAdress**
	Statuscode
1 .. 1	xs:sequence
1 .. 10	**Email**
0 .. 1	**AssignedHouseBLs**
1 .. 1	xs:sequence
1 .. unbounded	**AssignedHouseBillOfLadingID**
0 .. 99	**AdditionalValue**
1 .. 1	xs:sequence
1 .. 1	**Name**
1 .. 1	**Value**

4 Segment description

Element/Attribute	Annotation	
ImportOperationInstruction		
xs:sequence	Occurence	1 .. 1
Interchange	Occurence	1 .. 1
	Description	Each Interchange starts with an element containing some meta information, followed by one or more messages.
xs:sequence	Occurence	1 .. 1
CreationTime	Occurence	1 .. 1
	Description	Date and time of document creation. Format : 2016-08-31T13:20:00
	Example	2016-09-01T13:27:00
ExchangeNumber	Occurence	1 .. 1
	Length	1 .. 14
	Description	A unique reference number of an interchange.
	Example	000ICEN4040857
TestIndicator	Occurence	0 .. 1
	Name	Test Indicator
MessageCount	Occurence	0 .. 1
	FractionDigits	0
	Inclusive	1 ..
	Description	Number of messages (elements) within the interchange
Sender	Occurence	1 .. 1
	Description	Information about the party who assembled and sent an interchange
xs:sequence	Occurence	1 .. 1
ParticipantCode	Occurence	1 .. 1
	Length	1 .. 17
	Name	Participant code
AgencyID	Default	DAK
Contact	Occurence	0 .. 1
	Description	Message sender's contact information
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1
	Length	1 .. 35
	Description	Name or department of a contact
Telephone	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telephone communication number
Fax	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telefax communication number
Email	Occurence	0 .. 1
	Length	3 .. 70
	Description	Email Address
	Example	email@company.invalid
Recipient	Occurence	1 .. 1
	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.
xs:sequence	Occurence	1 .. 1

Element/Attribute	Annotation	
ParticipantCode	Occurence	1 .. 1
	Length	1 .. 17
	Name	Participant code
Contact	Occurence	0 .. 1
	Description	Contact Information
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1
	Length	1 .. 35
	Description	Name or department of a contact
Telephone	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telephone communication number
Fax	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telefax communication number
Email	Occurence	0 .. 1
	Length	3 .. 70
	Description	Email Address
	Example	email@company.invalid
ImportOperationInstructionMessage	Occurence	1 .. unbounded
MessageType		
	Applicable Codes	
	ImportOperationInstruction	ImportOperationInstruction
MessageVersionID	Fixed	1.0
	Use	required
xs:sequence	Occurence	1 .. 1
MessageHeader	Occurence	1 .. 1
	Description	The message header contains meta information about an actual message which is transmitted as part of an interchange.
xs:sequence	Occurence	1 .. 1
MessageFunction	Occurence	0 .. 1
	Length	.. 7
	Name	Message function code
	Description	This indicator is used to mark a message as original, replacement or cancellation
	Example	9
	Applicable Codes	
	1	Cancellation
	Message cancelling a previous transmission for a given transaction.	
	5	Replace
	Message replacing a previous message.	
	9	Original
	Initial transmission related to a given transaction.	
MessageReferenceNumber	Occurence	1 .. 1
	Length	.. 35
	Description	Uniqe reference number identifying a single message. An interchange may contain more than one message.
	Example	47110815

Element/Attribute	Annotation	
PreviousMessageReferenceNumber	Occurence	0 .. 1
	Length	.. 35
	Description	For updates/cancellations (Message Function = 1 or 5), the reference number of a previous message for which an update or cancellation is sent
MessageSender	Occurence	1 .. 1
	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)
xs:sequence	Occurence	1 .. 1
ParticipantCode	Occurence	1 .. 1
	Length	1 .. 17
	Name	Participant code
Contact	Occurence	0 .. 1
	Description	Contact Information
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1
	Length	1 .. 35
	Description	Name or department of a contact
Telephone	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telephone communication number
Fax	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telefax communication number
Email	Occurence	0 .. 1
	Length	3 .. 70
	Description	Email Address
	Example	email@company.invalid
MessageRecipient	Occurence	1 .. 9
	Description	This element contains information about a message's recipient/s.
xs:sequence	Occurence	1 .. 1
ParticipantCode	Occurence	1 .. 1
	Length	1 .. 17
	Name	Participant code
AgencyID	Default	DAK
ImportOperationInstructionHeader	Occurence	1 .. 1
	Description	Meta information of import operation instruction
xs:sequence	Occurence	1 .. 1
IMPReferenceID	Occurence	0 .. 1
	Length	18 .. 18
	Pattern	[IS]{1}[A-Z]{2}\d{6}[012]\d{8}
	Description	Reference ID identifying an import process. Assigned by IMP.
	Example	IHH180510100002683
	Remark	Structure: 01 - 01 = 'I' 02 - 03 = system, that generated the reference (dbh, DAKOSY); values: "HB", "HH" 04 - 09 = Date of generation, format YYMMDD

Element/Attribute	Annotation	
		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)
PriorIMPReferenceID	Occurence	0 .. 1
	Length	18 .. 18
	Pattern	[IS]{1}[A-Z]{2}\d{6}[012]\d{8}
	Description	Deprecated
	Example	IHH180510100002683
	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)
CustomerReferenceID	Occurence	0 .. 1
	Length	1 .. 35
	Description	Freight Forwarder's reference.
	Example	CUSTOMERREF
ImportOperationInstructionTypeCode	Occurence	0 .. 1
	Name	Import Operation Instruction Type
	Description	Mandatory in case of an LCL-IOI
	Applicable Codes	
	FCL	
	IOI for a Container terminal	
	LCL	
	IOI for a packing facility	
Terminal	Occurence	0 .. 1
	Description	Terminal where the container will be discharged.
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	1 .. 1
	Length	1 .. 17
	Description	The terminal's location, UN-LoCode
	Example	DEHAM
SubLocationOne	Occurence	0 .. 1
	Description	Terminal at the given location
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	1 .. 1
	Length	1 .. 17
	Description	Terminal code
	Example	CTA
CarrierParty	Occurence	0 .. 1
	Description	Carrier who is transporting the goods
xs:sequence	Occurence	1 .. 1
PartyID	Occurence	1 .. 1
	Length	1 .. 17
	Description	Code of the carrier transporting the goods
	Example	HLAG

Element/Attribute	Annotation	
	Remark	Use either the SCAC-Code (agencyID = 182) or the DAKOSY participant code (agencyID = DAK)
AuthorizedParty	Occurence	0 .. 9
	Description	The party indicated in this segment is eligible for receiving status updates about the import process associated with the Import Operation Instruction
	Remark	Participant code defined by DAKOSY
xs:sequence	Occurence	1 .. 1
PartyID	Occurence	1 .. 1
	Length	1 .. 17
	Description	Party identifier, assigned by the specified agency
InformationContact	Occurence	0 .. 9
	Description	Contact Information
ContactTypeCode		
	Remark	Es gilt EDIFACT Codeliste 3139
	Remark	Use EDIFACT Codelist 3139
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1
	Length	1 .. 35
	Description	Name or department of a contact
Telephone	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telephone communication number
Fax	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telefax communication number
Email	Occurence	0 .. 1
	Length	3 .. 70
	Description	Email Address
	Example	email@company.invalid
TransportMeans	Occurence	0 .. 1
	Description	If the carrier is not taking part in IMP and accordingly does not sent his manifest, the forwarder has to sent some information which allows to identify a vessel.
	Remark	Deprecated. Will be removed in next version.
xs:sequence	Occurence	1 .. 1
TransportMeansID	Occurence	0 .. 1
	Length	1 .. 35
	Description	The vessel's IMO number
CallSign	Occurence	0 .. 1
	Length	1 .. 7
	Description	The vessel's call sign
EstimatedDepartureDateType	Occurence	0 .. 1
	Description	Estimated date and time of departure
xs:sequence	Occurence	1 .. 1
EstimatedDepartureDate	Occurence	0 .. 1
	Description	Estimated date of departure
EstimatedDepartureTime	Occurence	0 .. 1
	Description	Estimated time of departure
EstimatedArrivalDateType	Occurence	0 .. 1

Element/Attribute	Annotation	
	Description	ETA of the main carriage; mandatory if the Transport Means element is used
xs:sequence	Occurence	1 .. 1
EstimatedArrivalDate	Occurence	0 .. 1
ImportOperationInstructionDetail	Occurence	1 .. 1
	Description	Detailed information concerning a container or B/L
xs:sequence	Occurence	1 .. 1
BillOfLadingID	Occurence	0 .. 1
	Length	1 .. 35
	Description	Document number of the B/L (ocean B/L)
	Remark	Status depends on the IOI-Flag: FCL - mandatory LCL - advised
HouseBillOfLadingID	Occurence	0 .. 1
	Length	1 .. 35
	Description	Document number of the House B/L
BookingReference	Occurence	0 .. 1
	Length	.. 35
	Description	Carrier's booking reference number
DangerousGoodsIndicator	Occurence	0 .. 1
	Length	.. 5
	Pattern	[01]|true|false
	Name	boolean data typ
	Description	To indicate, whether dangerous goods are included or not.
	Applicable Codes	
	0	
	1	True / Yes
ReleaseNumber	Occurence	0 .. 1
	Length	.. 15
	Description	If not available when sending the Import Operation Instruction, this field may be sent later in an update message.
ExpiryDate	Occurence	0 .. 1
	Description	Release number's expiry date.
	Example	2018-08-23
EstimatedPickUpDate	Occurence	0 .. 1
	Description	Pick Up Date as scheduled by the freight forwarder.
	Example	2015-07-12
TransportCompanyParty	Occurence	0 .. 1
	Description	Company which is instructed with the transportation from terminal to final destination.
xs:sequence	Occurence	1 .. 1
PartyID	Occurence	0 .. 1
	Length	1 .. 17
	Description	ID of the transport company
	Remark	Use the DAKOSY participant code
Name	Occurence	0 .. 3
	Length	1 .. 35
	Description	Name of the transport company

Element/Attribute	Annotation	
QuayAccountID	Occurence	0 .. 1
	Length	1 .. 7
	Description	Account ID of the transport company as assigned by quay operator
Address	Occurence	0 .. 1
	Description	Address of the transport company
NextAuthorizedParty	Occurence	0 .. 1
	Length	17 .. 17
	Description	German Ports: the GermanPortsID of the consignee can be specified here to pass on the pickup right automatically
GermanPortsCustomerReferenceID	Occurence	0 .. 1
	Length	1 .. 32
	Pattern	[A-Z0-9]+
	Description	If the automatic passing on of the pickup right is used, you can enter a reference here helping the consignee to assign the pick up right to the correct business transaction. This reference is only visible to the next party.
	Example	CUSTOMERREF
	Example	TRANSPORTORDERREF
	Example	HOUSEBLREF
TransportOrderID	Occurence	0 .. 1
	Length	1 .. 35
	Description	Unique reference ID assigned by the transport company
	Example	TA00010112012
RepresentativeParty	Occurence	0 .. 1
	Description	Used if another party is instructed with declaration at authorities as veterinary, plant etc.
xs:sequence	Occurence	1 .. 1
PartyID	Occurence	0 .. 1
	Length	1 .. 17
	Description	Party identifier, assigned by the specified agency
EORI	Occurence	0 .. 1
xs:sequence	Occurence	1 .. 1
EORIReference	Occurence	1 .. 1
	Length	.. 17
	Pattern	[A-Z]{2}[0-9A-Z]{2,15}
	Description	Economic Operator Registration and Identification: Central database which provides information on all economic operators. Each of them gets a EU-wide unique registry number.
	Remark	Structure: 1-2 Country code 2-17 alphanumeric value
SubsidiaryNumber	Occurence	0 .. 1
	Pattern	[0-9]{4}
	Description	Branch number concerning the EORI. Only applicable to German EORI numbers. The head office is usually assigned to '0000'.
Address	Occurence	0 .. 1
	Description	Address information
xs:sequence	Occurence	1 .. 1

Element/Attribute	Annotation	
AddressLine	Occurence	0 .. 5
	Length	1 .. 35
	Description	Field to contain unstructured address information
Street	Occurence	0 .. 1
	Length	.. 35
	Description	Street name and house number
PostBoxID	Occurence	0 .. 1
	Length	1 .. 20
	Description	Post box number
City	Occurence	0 .. 1
	Length	1 .. 35
	Description	Name of the city / location
PostalIdentificationCode	Occurence	0 .. 1
	Length	1 .. 9
	Description	Postal Identification of an address or location (ZIP-Code)
CountryCode	Occurence	0 .. 1
	Pattern	[A-Z]{2}
	Description	Country code as defined in ISO 3166-1.
InformationContact	Occurence	0 .. 9
	Description	Contact Information
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1
	Length	1 .. 35
	Description	Name or department of a contact
Telephone	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telephone communication number
Fax	Occurence	0 .. 1
	Length	1 .. 35
	Description	Telefax communication number
Email	Occurence	0 .. 1
	Length	3 .. 70
	Description	Email Address
	Example	email@company.invalid
SubsequentCustomsProcedure	Occurence	0 .. 1
	Length	.. 17
	Description	This field is used to specify whether it is about the subsequent customs procedure NCTS or the declaration for free circulation. This has an impact on: - The overall status "ready for delivery/release" - The function Auto-IMP If the element will not be set, it is assumed that the subsequent customs procedure is ZB (declaration for free circulation).
	Applicable Codes	
	AT-AV	Aktive Veredelung
	AT-ZL	Customs warehouse procedure
	NCTS	Folgeverfahren NCTS
	Dispatch procedure	
	TBN	TBN

Element/Attribute	Annotation	
	Applicable Codes	
	Supsequent procedure not defined yet	
	ZB	Registration for free transport
	Customs handling	
SubsequentCustomsProcedureLocation	Occurence	0 .. 1
	Description	Terminal where the customs follow-up procedure (Auto-IMP) shall be initiated. If a container is being transferred, this element contains the information where the function shall be triggered. The prerequisite is then that the target terminal is in custody and the container is in its custody. If the element will not be sent, the Auto-IMP will remain being triggered at the terminal where the container is discharged.
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	1 .. 1
	Length	1 .. 17
	Description	The terminal's location, UN-LoCode
	Example	DEHAM
SubLocationOne	Occurence	1 .. 1
	Description	Terminal at the given location
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	1 .. 1
	Length	1 .. 17
	Description	Terminal code
DeclarantParty	Occurence	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	Occurence	1 .. 1
PartyID	Occurence	0 .. 1
	Length	1 .. 7
	Description	Party identifier, assigned by the specified agency
PackingFacilityLocation	Occurence	0 .. 1
	Description	If a packing facility is named, only "truck" is allowed for the on carriage (Transport Means Type Code = 31)
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	1 .. 1
	Length	1 .. 17
	Description	The packing facility's location, UN-LoCode
SubLocationOne	Occurence	1 .. 1
	Description	Packing facility at the given location
xs:sequence	Occurence	1 .. 1

Element/Attribute	Annotation	
LocationID	Occurence	1 .. 1
	Length	1 .. 17
	Description	Packing facility's code.
Container	Occurence	0 .. 1
	Description	Information about the container to which this Import Operation Instruction applies
	Remark	Only to be used for containerized goods.
xs:sequence	Occurence	1 .. 1
ContainerID	Occurence	1 .. 1
	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!)
	Example	HLCU1234566
	Example	5268996
ShippersOwnIndicator	Occurence	0 .. 1
	Length	.. 5
	Pattern	[01]|true|false
	Name	boolean data typ
	Description	Indicates that a container number is not an official container number
OnCarriageTransportMeans	Occurence	1 .. 1
	Description	On Carriage Transport Means
	Remark	If a packing facility has been specified, only truck (Transport Means Type Code = 31) is accepted as means of transport from the container terminal to the packing facility.
xs:sequence	Occurence	1 .. 1
TransportMeansTypeCode	Occurence	1 .. 1
	Length	1 .. 8
	Description	Code specifying the means of transport. Code list responsible agency: UNECE Code list responsible agency name: United Nations Economic Commission for Europe Code list responsible agency code: 6 Code list: Rec 28 Code list name: Transport Means Codes Code list version: 2007 Code list issue date: CL 2007-04
	Applicable Codes	
	11	Ship
	13	Ocean vessel
	16	Barge

Element/Attribute	Annotation	
	Applicable Codes	
	31	Truck
	Automotive vehicle designed for hauling loads.	
	210	Train, railroad
	One or more rail wagons pulled or pushed by one or more locomotive units, or self-propelled, that move over rail tracks.	
	TBN	to be nominated
PlaceOfDestination	Occurence	0 .. 1
	Description	Port, airport or other location to which a means of transport or transport equipment is destined. (Place of destination)
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	0 .. 1
	Length	1 .. 17
	Description	To identify a location or place with an identifier (usually this will be the UN Location Code)
	Remark	Use the UN-LoCode here
LocationName	Occurence	0 .. 1
	Length	1 .. 35
	Description	The name of a location or place in plain text
DeliveryAddress	Occurence	0 .. 1
	Description	Information about a business party
xs:sequence	Occurence	1 .. 1
Name	Occurence	0 .. 2
	Length	1 .. 35
	Description	Name or department of a contact
Address	Occurence	0 .. 1
	Description	Address information
xs:sequence	Occurence	1 .. 1
AddressLine	Occurence	0 .. 2
	Length	1 .. 35
	Description	Additional information
Street	Occurence	0 .. 1
	Length	.. 35
	Description	Street name and house number
PostBoxID	Occurence	0 .. 1
	Length	1 .. 20
	Description	Post box number
City	Occurence	0 .. 1
	Length	1 .. 35
	Description	Name of the city / location
PostalIdentificationCode	Occurence	0 .. 1
	Length	1 .. 9
	Description	Postal Identification of an address or location (ZIP-Code)
CountryCode	Occurence	0 .. 1
	Pattern	[A-Z]{2}
	Description	Country code as defined in ISO 3166-1.
ReturnLocationData	Occurence	0 .. 1
	Description	The importer or freight forwarder may propose a depot where he likes to return the empty container. This facility

Element/Attribute	Annotation	
		location may be identified by the following information, only one is required: * Location, UN location code, e. g. DEHAM * nine character long BIC-code * facility's name
xs:sequence	Occurence	1 .. 1
EmptyContainerDepot	Occurence	0 .. 1
	Description	Empty container depot
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	0 .. 1
	Length	1 .. 17
	Description	Here you can specify a location if you do not want to specify the exact depot, but only the city in general where you would like to return the container.
	Example	DEHAM
SubLocationOne	Occurence	0 .. 1
	Description	Suggested return depot, BIC facility code or name
xs:sequence	Occurence	1 .. 1
LocationID	Occurence	0 .. 1
	Length	1 .. 9
	Description	BIC-Code, please refer to https://www.bic-code.org/facility-codes/
	Example	DEBREFRIA
LocationName	Occurence	0 .. 1
	Length	1 .. 35
	Description	The empty container depot's name
CustomsData	Occurence	0 .. 999
	Description	Various references from the German ATLAS system each depening on the respective transport direction and the used customs procedure.
xs:sequence	Occurence	1 .. 1
SeqNumber	Occurence	0 .. 1
	FractionDigits	0
	TotalDigits	3
	Pattern	\d{1,3}
	Description	Sequential number per Container
CustomsProceduresTypeCode	Occurence	0 .. 1
	Description	Describes the customes procodure which the reference applies to.
	Description	A-REF: Procedure that
	Applicable Codes	
	ABT	Reference of customs procedure
CustomsReference	Occurence	0 .. 1
	Length	1 .. 35
	Description	Reference number
CustomsDeclarationPosition	Occurence	0 .. 1
	FractionDigits	0
	TotalDigits	4
	Pattern	\d{1,4}
	Description	Describes the first position of the corresponding customs procedures that is located in the container.

Element/Attribute	Annotation	
	Description	"0000" means all positions are located in the container.
NotificationAdress	Occurence	0 .. 99
	Description	Email address, which shall receive selected status messages
Statuscode	Description	Defines the status on which a notification shall be generated. Please find a list of available codes in implementation guideline for the status message.
xs:sequence	Occurence	1 .. 1
Email	Occurence	1 .. 10
	Length	3 .. 70
	Description	Email Address
	Example	email@company.invalid
AssignedHouseBLs	Occurence	0 .. 1
xs:sequence	Occurence	1 .. 1
AssignedHouseBillOfLadingID	Occurence	1 .. unbounded
	Length	1 .. 35
	Description	Document number of the House B/L
AdditionalValue	Occurence	0 .. 99
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1

Applicable Codes

CHANGE_HOLDER_OF_TEMPORARY_STORAGE	Send change of custodian

Initiates a change of custodian after confirming the summary declaration. The indicator can only be used, if your customs application provides a respective interface. Please consult your vendor to verify if this function is available.

CREATE_CERTIFICATE_OF_OBLIGATION	A certificate of obligation (A18) should be created
CREATE_TRANSPORT_ORDER	Creation of transport order
LOCATION_OF_TEMPORARY STORAGE	storage location key for automatic change of depository

Can be used if the CHANGE_HOLDER_OF_TEMPORARY_STORAGE is specified at the same time. Then the location of temporary storage mentioned here is transmitted to ATLAS in case of a change of depository. If no location of temporary storage is given, the storage location key out of the IMP master data of the respective terminal is entered here.

PACKING_REFERENCE	Reference of packing company
REQUEST_FOR_RELEASEORDER	request for data release

Valid values: true, false.
Default value, if element not available: false.

The IOI sender requests for data release (release reference, turn-in reference). Please note, that this function requires a registration with German Ports.

SUBSIDIARY1	Subsidiary

Subsidiary; abbreviation or name of a subsidiary

SUBSIDIARY2	Subsidiary, Level 2

Subsidiary; abbreviation or name of a subsidiary

SUBSIDIARY3	Subsidiary, Level 3

Element/Attribute	Annotation
	Applicable Codes
	Subsidiary; abbreviation or name of a subsidiary
	VETERINARY_APPROVAL Veterinary approval for import required
	If this indicator is set, you will receive a message in case that no information concerning a CVED is available or could not be assigned to a CVED after the discharge of a consignment. It may be the case that the B/L number was wrongly written in a CVED and therefore could not be assigned so far.
Value	Occurence 1 .. 1
	Applicable Codes
	0 False
	Boolean value for false. Same meaning as "false".
	1 False
	Boolean value for true. Same meaning as "true".
	<reference> Reference; free text, no code values
	String to specify references etc (PACKING_REFERENCE)
	<subsidiary> Niederlassung, Bezeichnung; abhängig von der Ebene auch Bezeichnung eines Bereiches, Abteilung usw.
	false False
	Boolean value for false. Same meaning as "0".
	true True
	Boolean value for true. Same meaning as "1".