

EMP

Port Order XML

Implementation manual

Version 1.4.0/E

(Valid from November 2024)

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Change history

Version	Type of change	Changed by/ date	Checked by/ date
1.0	First valid version	30.12.2022	30.12.2022
1.1.0/E	Extension of introducing document, addition of example messages	17.05.2023	17.05.2023
1.2.0/E	Smaller corrections	19.12.2023	19.12.2023
1.3.0/E	WKS related changes	15.07.2024	15.07.2024
1.4.0/E	- Revision of the documentation to create scheme guides per PortOrder Type. - Extraction of the PortOrder Cancellation in the separate document "Port Order Cancellation XML"	24.10.2024	24.10.2024

Change requests

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Used tools

Number	Used tools
W1	This document was created with MS Word 2021 .

Liability

1. Despite careful development and verification of this document no liability can be derived from the content of this manual towards DAKOSY AG!

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1 Introduction

This manual describes the message „Port Order XML“. A Port Order serves the purpose to provide port data for export related processes in the Export Management Platform (EMP (ZAPP)). A distinction is made between quay orders, customs declarations and consolidated containers.

Quay orders are used for the information interchange between shippers and forwarders with quay operators (terminals and packing companies) and further participants.

Customs declarations for different customs procedures in the port of Hamburg build another Port Order group.

Consolidated containers contain cargo each subject to a single customs procedure. By bundling the cargo in a consolidated container all status and loading information for the consolidated container is transferred to the partial loadings.

Quay orders:

- A08 – Quay order for inbound delivery
- A09 – Quay order for outbound delivery
- A15 – Application for quay services
- A18 – Certificate of obligation

Declaration types:

- AES – AES export declaration
- DUX – EAS declaration
- SBF – Other exemptions
- MIT – Notification
- AUS – Outage concept
- EUB – European destination

Consolidated containers:

- SAC – Consolidated container

The Port Order XML message is used to transmit the port data.

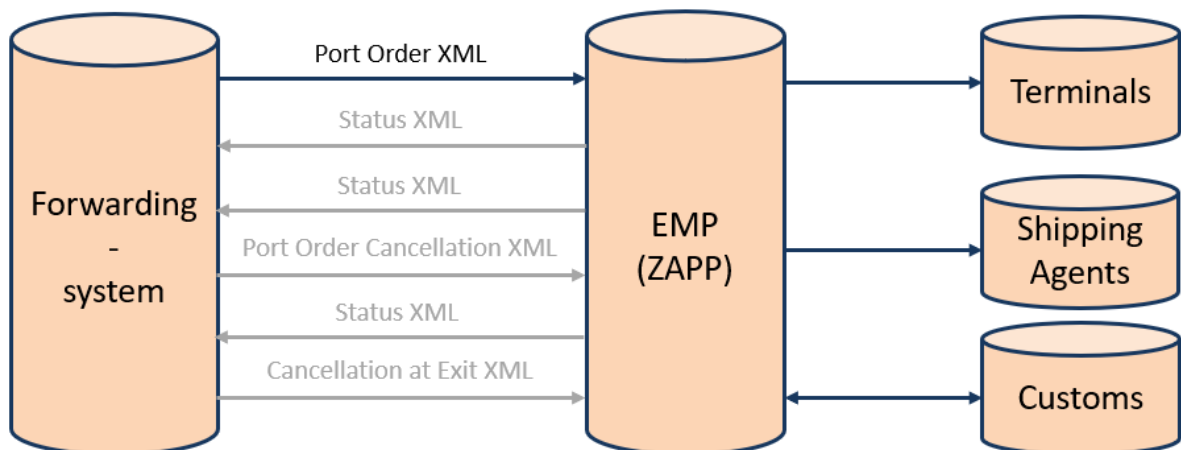


Image 1 Integration of Port Order XML message in the port communication

The information will be transmitted to terminals and shipping agents. If customs procedures are involved, data is exchanged with customs and, in the case of ATLAS-supported procedures, with the ATLAS customs system.

The message „Status XML“ is used for the transmission of status information. This message is documented separately.

The status messages contains all responses that are sent technically from the Export Management Platform.

These are:

- Confirmations
- Error messages
- Status messages concerning the Port Order
- ATLAS error messages
- ATLAS status messages
- ATLAS control measurements
- ATLAS rejections

If a Port Order shall be cancelled, the message „*Port Order Cancellation XML*“ is used for this. The following actions can be carried out with the „Port Order Cancellation XML“:

- Cancellation of Port Order
- Cancellation of Port Order and termination of the related AES MRN

The message „*Cancellation at Exit XML*“ can be used, if an AES MRN is to be cancelled after a Port Order Cancellation.

The declaration to the 2nd stage of the ATLAS AES procedure has to be cancelled by sending a message to the ATLAS system.

The prerequisite for this is that all Port Orders related to the MRN are already cancelled.

2 Message Structure

Ocurrence	Element/Attribute
	PortOrder
1 .. 1	xs:sequence
1 .. 1	Transaction
1 .. 1	xs:sequence
1 .. 1	IOPartner
1 .. 1	IOReference
1 .. 1	IODateTime
1 .. 1	MessageVersion
0 .. 1	TestIndicator
1 .. 1	Message
1 .. 1	xs:sequence
1 .. 1	Header
1 .. 1	xs:sequence
1 .. 1	Type
0 .. 1	RequestDateTime
1 .. 1	Locations
1 .. 1	xs:sequence
1 .. 2	Location
1 .. 1	xs:sequence
1 .. 1	LocationType
0 .. 1	Code
0 .. 1	Name
1 .. 1	References
1 .. 1	xs:sequence
0 .. 1	BookingNumber
1 .. 1	ForwarderReference
0 .. 1	BillOfLadingNumber
1 .. 1	Participants
1 .. 1	xs:sequence
1 .. 999	Participant
1 .. 1	xs:sequence
1 .. 1	ParticipantType
0 .. 1	DakosyCode
0 .. 1	Identification
1 .. 1	xs:sequence
1 .. 1	EORINumber
1 .. 1	BranchNumber
0 .. 1	Name
0 .. 1	QuayAccountNumber
0 .. 1	CustomerReference
0 .. 1	Contact
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	EMail
0 .. 1	FAX
1 .. 1	Phone
1 .. 1	TransportDetails
1 .. 1	xs:sequence
0 .. 1	VesselIdentification
1 .. 1	xs:sequence
0 .. 1	VesselName
0 .. 1	CallSign
0 .. 1	IMONumber
1 .. 1	Schedule

Ocurrence	Element/Attribute
1 .. 1	xs:sequence
0 .. 1	EstimatedShippingDate
0 .. 1	DakosyVoyageNumber
0 .. 1	CarrierSCACCode
0 .. 1	VoyageNumber
0 .. 1	QuayOrderDetails
1 .. 1	xs:sequence
0 .. 1	Orders
1 .. 1	xs:sequence
1 .. 5	TypeOfService
0 .. 1	Delivery
1 .. 1	xs:sequence
0 .. 1	VehicleIdentification
0 .. 1	MeansOfTransport
0 .. 1	DeliveryTo
0 .. 1	AdditionalRemarks
0 .. 1	AdditionalRequest
0 .. 1	WarehouseNumber
0 .. 1	SpecialAgreement
0 .. 1	GoodsInTransitBySealIndicator
0 .. 1	OutboardLoadingIndicator
0 .. 1	ATLASSelfDeclaredIndicator
0 .. 1	DangerousGoodsIssuer
0 .. 1	ConsolidationDetails
1 .. 1	xs:sequence
1 .. 999	AssignedPortOrderReferences
1 .. 1	xs:sequence
1 .. 1	PortOrderReference
0 .. 1	CompletenessIndicator
0 .. 1	Documents
1 .. 1	xs:sequence
1 .. 99	Document
1 .. 1	xs:sequence
1 .. 1	Qualifier
1 .. 1	Type
1 .. 1	ReferenceNumber
1 .. 1	GoodsItems
1 .. 1	xs:sequence
1 .. 999	GoodsItem
1 .. 1	xs:sequence
1 .. 1	GoodsItemId
1 .. 1	DetailInformation
1 .. 1	xs:sequence
1 .. 1	NumberOfPackages
1 .. 1	PackingCode
1 .. 1	GrossWeight
	unit
0 .. 1	NetWeight
	unit
0 .. 1	MarksAndNumbers
0 .. 1	GoodsDescription
0 .. 1	MeansOfTransportID
0 .. 1	Remarks
0 .. 1	ContainerReferences
1 .. 1	xs:sequence

Ocurrence	Element/Attribute
1 .. 999	ContainerReference
1 .. 1	xs:sequence
1 .. 1	ContainerNumber
0 .. 1	VehicleInformation
1 .. 1	xs:sequence
0 .. 1	ChassisNumber
0 .. 1	EquipmentIndicator
0 .. 1	AdditionalCargoIndicator
0 .. 1	CustomsInformation
1 .. 1	xs:sequence
0 .. 1	EXSPositionNumber
0 .. 1	CountryOfDeparture
0 .. 1	CountryOfDestination
0 .. 1	Participants
1 .. 1	xs:sequence
1 .. 999	Participant
1 .. 1	xs:sequence
1 .. 1	ParticipantType
0 .. 1	EORINumber
0 .. 1	BranchNumber
0 .. 1	Name
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 4	Line
0 .. 1	Commodity
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Description
0 .. 1	SpecialComments
0 .. 1	ProcedureCode
0 .. 1	OtherExemptionIndicator
0 .. 1	LimitedValueShipmentIndicator
0 .. 1	CustomsReferences
1 .. 1	xs:sequence
0 .. 1	ATBNumber
0 .. 1	SecurityDeclaration
1 .. 1	xs:sequence
0 .. 1	Reason
0 .. 1	ExemptionReason
0 .. 1	ReferenceType
0 .. 1	Reference
0 .. 1	TransitMRN
0 .. 1	ExportMRN
0 .. 1	EXSMRNs
1 .. 1	xs:sequence
1 .. 999	MRN
0 .. 1	ProcedureTransference
required	Type
1 .. 1	xs:sequence
1 .. 99	GoodsReference
1 .. 1	xs:sequence
1 .. 1	Reference
0 .. 1	PositionNumber
0 .. 1	NumberOfPackages
0 .. 1	AESMRNs

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 999	MRN
1 .. 1	xs:sequence
1 .. 1	Reference
1 .. 1	CompletenessIndicator
0 .. 1	Position
0 .. 1	Packageld
0 .. 1	ReductionIndicator
0 .. 1	AESLRNs
1 .. 1	xs:sequence
1 .. 999	LRN
1 .. 1	xs:sequence
1 .. 1	Reference
1 .. 1	CompletenessIndicator
0 .. 1	Position
0 .. 1	Packageld
0 .. 1	DangerousGoodsInformations
1 .. 1	xs:sequence
1 .. 99	DangerousGoodsInformation
1 .. 1	xs:sequence
0 .. 1	IMDGAmendment
1 .. 1	IMDGClass
1 .. 1	UNNumber
0 .. 1	EmergencyProcedure
1 .. 1	xs:sequence
0 .. 1	FireSchedule
0 .. 1	SpillageSchedule
0 .. 1	FlashPoint
0 .. 1	unit
0 .. 1	Label
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	FirstAdditionalLabel
0 .. 1	SecondAdditionalLabel
0 .. 1	MarinePollutantIndicator
1 .. 1	LimitedQuantityIndicator
0 .. 1	ExceptedQuantityIndicator
0 .. 1	PackingGroup
0 .. 1	Properties
0 .. 1	WaterHazardClass
1 .. 1	PropperShippingName
0 .. 1	TechnicalName
0 .. 1	GGVSAAndADRInformation
1 .. 1	xs:sequence
0 .. 1	Class
0 .. 1	Figure
0 .. 1	ExplosiveInformation
1 .. 1	xs:sequence
0 .. 1	Stowage
0 .. 1	CompatibilityGroup
0 .. 1	PowderWeight
0 .. 1	unit
0 .. 1	RadioactivityInformation
1 .. 1	xs:sequence
1 .. 1	Activity

Ocurrence	Element/Attribute
1 .. 1	unit
1 .. 1	Category
1 .. 1	TransportCode
1 .. 1	PackingType
0 .. 1	Dimensions
1 .. 1	xs:sequence
1 .. 999	Dimension
1 .. 1	xs:sequence
0 .. 1	Count
0 .. 1	Size
1 .. 1	xs:sequence
0 .. 1	Length
	unit
0 .. 1	Width
	unit
0 .. 1	Height
	unit
0 .. 1	Volume
1 .. 1	xs:sequence
0 .. 1	Single
	unit
0 .. 1	Total
	unit
0 .. 1	Packages
1 .. 1	xs:sequence
1 .. 999	Package
1 .. 1	xs:sequence
1 .. 1	Packageld
1 .. 1	DetailInformation
1 .. 1	xs:sequence
1 .. 1	NumberOfPackages
1 .. 1	PackingCode
1 .. 1	GrossWeight
	unit
0 .. 1	NetWeight
	unit
0 .. 1	MarksAndNumbers
0 .. 1	GoodsDescription
0 .. 1	MeansOfTransportID
0 .. 1	Remarks
0 .. 1	VehicleInformation
1 .. 1	xs:sequence
0 .. 1	ChassisNumber
0 .. 1	EquipmentIndicator
0 .. 1	AdditionalCargoIndicator
0 .. 1	CustomsInformation
1 .. 1	xs:sequence
0 .. 1	EXSPositionNumber
0 .. 1	CountryOfDeparture
0 .. 1	CountryOfDestination
0 .. 1	Participants
1 .. 1	xs:sequence
1 .. 999	Participant
1 .. 1	xs:sequence
1 .. 1	ParticipantType

Occurrence	Element/Attribute
0 .. 1	EORINumber
0 .. 1	BranchNumber
0 .. 1	Name
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 4	Line
0 .. 1	Commodity
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Description
0 .. 1	SpecialComments
0 .. 1	ProcedureCode
0 .. 1	OtherExemptionIndicator
0 .. 1	LimitedValueShipmentIndicator
0 .. 1	CustomsReferences
1 .. 1	xs:sequence
0 .. 1	ATBNumber
0 .. 1	SecurityDeclaration
1 .. 1	xs:sequence
0 .. 1	Reason
0 .. 1	ExemptionReason
0 .. 1	ReferenceType
0 .. 1	Reference
0 .. 1	TransitMRN
0 .. 1	ExportMRN
0 .. 1	EXSMRNs
1 .. 1	xs:sequence
1 .. 999	MRN
0 .. 1	AESMRNs
1 .. 1	xs:sequence
1 .. 999	MRN
1 .. 1	xs:sequence
1 .. 1	Reference
1 .. 1	CompletenessIndicator
0 .. 1	Position
0 .. 1	Packageld
0 .. 1	ReductionIndicator
0 .. 1	AESLRNs
1 .. 1	xs:sequence
1 .. 999	LRN
1 .. 1	xs:sequence
1 .. 1	Reference
1 .. 1	CompletenessIndicator
0 .. 1	Position
0 .. 1	Packageld
0 .. 1	DangerousGoodsInformations
1 .. 1	xs:sequence
1 .. 99	DangerousGoodsInformation
1 .. 1	xs:sequence
0 .. 1	IMDGAmendment
1 .. 1	IMDGClass
1 .. 1	UNNumber
0 .. 1	EmergencyProcedure
1 .. 1	xs:sequence
0 .. 1	FireSchedule

Occurrence	Element/Attribute
0 .. 1	SpillageSchedule
0 .. 1	FlashPoint
	unit
0 .. 1	Label
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	FirstAdditionalLabel
0 .. 1	SecondAdditionalLabel
0 .. 1	MarinePollutantIndicator
1 .. 1	LimitedQuantityIndicator
0 .. 1	ExceptedQuantityIndicator
0 .. 1	PackingGroup
0 .. 1	Properties
0 .. 1	WaterHazardClass
1 .. 1	PropperShippingName
0 .. 1	TechnicalName
0 .. 1	GGVSAAndADRInformation
1 .. 1	xs:sequence
0 .. 1	Class
0 .. 1	Figure
0 .. 1	ExplosiveInformation
1 .. 1	xs:sequence
0 .. 1	Stowage
0 .. 1	CompatibilityGroup
0 .. 1	PowderWeight
	unit
0 .. 1	RadioactivityInformation
1 .. 1	xs:sequence
1 .. 1	Activity
	unit
1 .. 1	Category
1 .. 1	TransportCode
1 .. 1	PackingType
0 .. 1	Dimensions
1 .. 1	xs:sequence
1 .. 999	Dimension
1 .. 1	xs:sequence
0 .. 1	Count
0 .. 1	Size
1 .. 1	xs:sequence
0 .. 1	Length
	unit
0 .. 1	Width
	unit
0 .. 1	Height
	unit
0 .. 1	Volume
1 .. 1	xs:sequence
0 .. 1	Single
	unit
0 .. 1	Total
	unit
0 .. 1	Containers
1 .. 1	xs:sequence
1 .. 999	Container
1 .. 1	xs:sequence

Ocurrence	Element/Attribute
1 .. 1	ContainerNumber
0 .. 1	NonIsoContainerIndicator
0 .. 1	Seal
1 .. 1	SizeType
0 .. 1	TemperatureRange
1 .. 1	xs:sequence
0 .. 1	Min
	unit
0 .. 1	Max
	unit
0 .. 1	MRNOptions
1 .. 1	xs:sequence
0 .. 1	Reductions
1 .. 1	xs:sequence
1 .. 999	Reduction
1 .. 1	xs:sequence
1 .. 1	ReductionType
1 .. 1	MRN
1 .. 1	Position
0 .. 1	ReducedNetWeight
	unit
0 .. 1	ReducedGrossWeight
	unit
0 .. 1	ExitSummaryDeclarations
1 .. 1	xs:sequence
1 .. 999	ExitSummaryDeclaration
1 .. 1	xs:sequence
1 .. 1	MRN
1 .. 1	ReleaseDateTime
1 .. 1	WKSPcedure
0 .. 1	EMPEnhancedData
1 .. 1	xs:sequence
0 .. 1	PortOrderReference
1 .. 1	RequestDateTime
1 .. 1	ContainerizedIndicator
1 .. 1	DangerousGoodsIndicator
0 .. 1	PortOrderStatus
0 .. 1	StatusDateTime

3 Guideline

Element/Attribute	Annotation
PortOrder	Type PortOrderElementType
└ xs:sequence	Occurrence 1 .. 1
└ Transaction	Occurrence 1 .. 1 Type TransactionType
└ xs:sequence	Occurrence 1 .. 1
└ IOPartner	Occurrence 1 .. 1 Type an..4 Length .. 4 Description DAKOSY participant code
└ IOReference	Occurrence 1 .. 1 Type an..35 Length .. 35 Description Unique and unambiguous transaction identification reference
└ IODateTime	Occurrence 1 .. 1 Type xs:dateTime Description Date and time of message creation - ISO 8601 Coordinated Universal Time (UTC) or local time with offset to UTC.
└ MessageVersion	Occurrence 1 .. 1 Type an..12 Length .. 12 Description Used message version
└ TestIndicator	Occurrence 0 .. 1 Type xs:boolean Description Test indicator - Indicates whether or not the message is a test message. If the element is not specified or specified as "true", it is about a production message.
Message	Occurrence 1 .. 1 Type MessageType
└ xs:sequence	Occurrence 1 .. 1
└ Header	Occurrence 1 .. 1 Type HeaderType
└ xs:sequence	Occurrence 1 .. 1
└ Type	Occurrence 1 .. 1 Type portOrderTypeCode Description Port Order Type Mapping 002+103+SAC (see Change Log)
	Applicable Codes
	A08 Quay order for inbound delivery
	A09 Quay order for outbound delivery
	A15 Application for quay services
	A18 Certificate of obligation
	AES AES export declaration
	AUS Outage concept
	DUX EAS declaration
	EUB European destination
	MIT Notification
	SAC Consolidated container
	SBF Other exemptions
└ RequestDateTime	Occurrence 0 .. 1 Type xs:dateTime Mapping 004 Description Date and time of request by the forwarder. ISO 8601 Coordinated Universal Time (UTC) or local time with offset to UTC. Deprecated since Version 1.3.0, will not be processed.
└ Locations	Occurrence 1 .. 1 Type LocationsType Description This segment summarizes information concerning the shipment route.
└ xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
Location	<p>Occurrence 1 .. 2 Type LocationType Description A location within the shipment route.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
LocationType	<p>Occurrence 1 .. 1 Type locationTypeCode Description Describes the location type Mapping New: Location Type FD = Code 098 and Name 026, Location Type POD = Code 025 or 097 and Name 024</p>
Code	<p>Occurrence 0 .. 1 Type an5 Description UN-Locode Mapping 025/097/098</p>
Name	<p>Occurrence 0 .. 1 Type an..35 Length .. 35 Description Name of location Mapping 024/026</p>
References	<p>Occurrence 1 .. 1 Type ReferencesType</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
BookingNumber	<p>Occurrence 0 .. 1 Type an..20 Length .. 20 Description Booking number Mapping Field 062</p>
ForwarderReference	<p>Occurrence 1 .. 1 Type an..16 Length .. 16 Description Reference number of forwarder Mapping Reference sentence/reference number</p>
BillOfLadingNumber	<p>Occurrence 0 .. 1 Type an..10 Length .. 10 Mapping 052 Description BL number</p>
Participants	<p>Occurrence 1 .. 1 Type ParticipantsType Description This element summarizes information concerning the different process participants.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Participant	<p>Occurrence 1 .. 999 Type ParticipantType Description This segment summarizes information concerning one process participant at a time.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ParticipantType	<p>Occurrence 1 .. 1 Type participantTypeCode Description Participant type Mapping New: Participant Type AGENT = DAKOSY Code 006, Name 007, Quay Account Number 009; Participant Type ISSUER = DAKOSY Code 015, Identification EORI Number 040 (1-17). Identification Branch Number 040 (18-21), Name 016, Quay Account Number 017, Customer Reference 018, Contact Name 010, Contact email 032, Contact FAX 036, Contact Phone 037; Participant Type PARTY PAYING = DAKOSY Code 011, Name 012, Quay Account Number 013, Customer Reference 014; Participant Type WAREHOUSE = DAKOSY Code 005; Participant Type WKS_CARRIER =</p>

Element/Attribute	Annotation
	EORINumber 173
	Applicable Codes
	AGENT Shipping agent
	ISSUER Issuer
	PARTY_PAYIN Party committing to payment
	G
	WAREHOUSE Warehouse
	WKS_CARRIE Carrier
	R
DakosyCode	Occurrence 0 .. 1 Type an..4 Length .. 4 Mapping M**/V**/K**/031/011 Description DAKOSY participant code
Identification	Occurrence 0 .. 1 Type IdentificationType Description Identification of participant via EORI and branch number
xs:sequence	Occurrence 1 .. 1
EORINumber	Occurrence 1 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number Mapping 040(1-17)
BranchNumber	Occurrence 1 .. 1 Type n4 FractionDigits 0 TotalDigits 4 Pattern \d{4} Description Branch number, set to 0000 if not registered. Mapping 040(18-21)
Name	Occurrence 0 .. 1 Type an..40 Length .. 40 Mapping 007/012/016 Description Name of participant
QuayAccountNumber	Occurrence 0 .. 1 Type an..6 Length .. 6 Mapping 009/013/017 Description Quai account number of participant
CustomerReference	Occurrence 0 .. 1 Type an..16 Length .. 16 Mapping 014/018 Description Individual position number of participant
Contact	Occurrence 0 .. 1 Type ContactType Description Information of contact person (name, email, fax number and phone number)
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1 Type an..40 Length .. 40 Mapping 010 Description Name of contact person
EEmail	Occurrence 1 .. 1 Type an..100 Length .. 100 Mapping 032 Description Email address of contact person

Element/Attribute	Annotation
FAX	Occurrence 0 .. 1 Type an..40 Length .. 40 Mapping 036 Description Fax number of contact person
Phone	Occurrence 1 .. 1 Type an..40 Length .. 40 Mapping 037 Description Phone number of contact person
TransportDetails	Occurrence 1 .. 1 Type TransportDetailsType Description This segment provides information concerning the shipment.
xs:sequence	Occurrence 1 .. 1
VesselIdentification	Occurrence 0 .. 1 Type VesselIdentificationType Description Information concerning the vessel identification (name, IMO number, call sign)
xs:sequence	Occurrence 1 .. 1
VesselName	Occurrence 0 .. 1 Type an..50 Length .. 50 Mapping 019 Description Vessel name
CallSign	Occurrence 0 .. 1 Type an..7 Length .. 7 Mapping 095 Description Call sign of the vessel
IMONumber	Occurrence 0 .. 1 Type an..7 Length .. 7 Description IMO number of the vessel Mapping New
Schedule	Occurrence 1 .. 1 Type VesselScheduleType Description Information concerning the planned vessel voyage
xs:sequence	Occurrence 1 .. 1
EstimatedShippingDate	Occurrence 0 .. 1 Type xs:date Mapping 020 Description Planned date of shipment
DakosyVoyageNumber	Occurrence 0 .. 1 Type dakosyVoyageNumberType Pattern [A-Z]{3}[0-9]{4} Description DAKOSY voyage number Mapping 021
CarrierSCACCode	Occurrence 0 .. 1 Type an..4 Length .. 4 Mapping 034 Description SCAC code of shipowner
VoyageNumber	Occurrence 0 .. 1 Type an..8 Length .. 8 Mapping 050 Description Voyage number of shipowner
QuayOrderDetails	Occurrence 0 .. 1 Type QuayOrderDetailsType
xs:sequence	Occurrence 1 .. 1
Orders	Occurrence 0 .. 1 Type OrdersType

Element/Attribute	Annotation
	<p>Description This segment is used to collect all additional types of services and orders. The specification of service types in this segment is not required at the moment. The textual application in the note field applies.</p>
<ul style="list-style-type: none"> xs:sequence TypeOfService 	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 5</p> <p>Type typeOfServiceCode</p> <p>Description Service/order type</p> <p>Mapping 049</p> <p>Applicable Codes</p> <p>480 Labelling</p> <p>490 Re-labelling</p> <p>500 Sorting</p> <p>510 Putting aside and releasing of goods for arbitrage purposes. Upon release third copy is returned.</p> <p>520 Maintenance and repair</p> <p>530 Counting</p> <p>540 Measuring (only for LCL)</p> <p>550 Sampling</p> <p>560 Surveillance</p> <p>570 Assessing content/condition</p> <p>580 Pack/unpack containers</p> <p>590 Weighing</p> <p>591 Weigh individually</p> <p>592 Weigh in trays</p> <p>593 Weigh in batches</p> <p>594 Weigh with mechanical handling equipment</p> <p>595 Weigh without mechanical handling equipment</p> <p>596 Classification (determine tara)</p> <p>999 Other</p>
<ul style="list-style-type: none"> Delivery 	<p>Occurrence 0 .. 1</p> <p>Type DeliveryType</p> <p>Description This segment provides information concerning the delivery.</p>
<ul style="list-style-type: none"> xs:sequence VehicleIdentification 	<p>Occurrence 1 .. 1</p> <p>Occurrence 0 .. 1</p> <p>Type an..13</p> <p>Length .. 13</p> <p>Mapping 044</p> <p>Description Wagon/truck number plate</p>
<ul style="list-style-type: none"> MeansOfTransport 	<p>Occurrence 0 .. 1</p> <p>Type meansOfTransportCode</p> <p>Description Code of means of transport</p> <p>Mapping 051</p> <p>Applicable Codes</p> <p>AB Outboard</p> <p>AN Other</p> <p>BS Inland vessel</p> <p>FE Feeder</p> <p>LK Truck</p> <p>SC Barge</p> <p>SS Seagoing/Ocean vessel</p> <p>TL Trailer</p> <p>UN Unknown</p> <p>WG Waggon</p>
<ul style="list-style-type: none"> DeliveryTo 	<p>Occurrence 0 .. 1</p> <p>Type an..30</p> <p>Length .. 30</p> <p>Mapping 055</p> <p>Description At the disposal/delivery of the company</p>
<ul style="list-style-type: none"> AdditionalRemarks 	<p>Occurrence 0 .. 1</p> <p>Type an..4lines</p> <p>Pattern (:?[^\r?\n]{1,72}(\r?\n)?){0,3}[^\r?\n]{1,72}(\r?\n)?</p>

Element/Attribute	Annotation
	<p>Description Additional information - remarks etc. Specification of 1-4 columns with each max. 72 characters</p> <p>Mapping 030</p>
– AdditionalRequest	<p>Occurrence 0 .. 1</p> <p>Type an..35</p> <p>Length .. 35</p> <p>Mapping 046</p> <p>Description Additional requests</p>
– WarehouseNumber	<p>Occurrence 0 .. 1</p> <p>Type an..11</p> <p>Length .. 11</p> <p>Mapping 045</p> <p>Description Warehouse number</p>
– SpecialAgreement	<p>Occurrence 0 .. 1</p> <p>Type an..8</p> <p>Length .. 8</p> <p>Mapping 041</p> <p>Description Special agreements (e.g. special rate, offers)</p>
– GoodsInTransitBySeaIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 042</p> <p>Description Is it about marine transit goods? (true = yes, false = no)</p>
– OutboardLoadingIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 029</p> <p>Description Is it about outboard loading? (true = yes, false = no)</p>
– ATLASelfDeclaredIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 033</p> <p>Description Is it about a ATLAS self-declaration? (true = yes, false = no) Deprecated since version 1.3.0, will not be processed.</p>
– DangerousGoodsIssuer	<p>Occurrence 0 .. 1</p> <p>Type an..72</p> <p>Length .. 72</p> <p>Mapping 079</p> <p>Description Issuer (individual) in charge for the DG specifications</p>
– ConsolidationDetails	<p>Occurrence 0 .. 1</p> <p>Type ConsolidationDetailsType</p> <p>Description This segment summarizes all single ZAPP references, included in a consolidated cargo container ZAPP registration.</p>
– xs:sequence	Occurrence 1 .. 1
– AssignedPortOrderReferences	<p>Occurrence 1 .. 999</p> <p>Type AssignedPortOrderReferencesType</p>
– xs:sequence	Occurrence 1 .. 1
– PortOrderReference	<p>Occurrence 1 .. 1</p> <p>Type an12</p> <p>Mapping 165(1-12)</p> <p>Description Single port order reference, included in this consolidated cargo container registration.</p>
– CompletenessIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 165(13)</p> <p>Description Indicator port order reference "completely in consolidated cargo container" (true/false), if missing, reference is assumed as "completely in consolidated cargo container"</p>
– Documents	<p>Occurrence 0 .. 1</p> <p>Type DocumentsType</p>
– xs:sequence	Occurrence 1 .. 1
– Document	<p>Occurrence 1 .. 99</p> <p>Type DocumentType</p>
– xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
<ul style="list-style-type: none"> — Qualifier 	<p>Occurrence 1 .. 1 Type documentQualifierCode Description Document qualifier</p> <p>Applicable Codes TRANSPORT</p>
<ul style="list-style-type: none"> — Type 	<p>Occurrence 1 .. 1 Type documentTypeCode Description Document type - Type of Transport Document coded according to ATLAS code list I0943</p> <p>Mapping 174(1-4)</p> <p>Applicable Codes</p> <p>9ZZX Sonstige Unterlagen ZELOS (Original) 9ZZY Sonstige Unterlagen ZELOS (Kopie) C613 Frachtbrief CIM (T2) C614 Consignment Note CIM T2F N235 Containerliste N271 Packliste N703 Hausfrachtbrief N704 Sammelkonnossement N705 Konnossement N714 Hauskonnossement N720 Frachtbrief CIM N722 SMGS-Begleitliste N730 LKW-Frachtbrief N740 Luftfrachtbrief N741 Luftfrachtbrief, ausgestellt von der Fluggesellschaft (Master air waybill) N750 Beförderung durch die Post (einschließlich Paketpost) N760 Multimodal/kombiniert Transportdokument N785 Frachtmanifest N787 Ladungsverzeichnis N955 Carnet ATA</p>
<ul style="list-style-type: none"> — ReferenceNumber 	<p>Occurrence 1 .. 1 Type an..70 Length .. 70 Description Reference number Mapping 174(5-74)</p>
<ul style="list-style-type: none"> — GoodsItems 	<p>Occurrence 1 .. 1 Type GoodsItemsType Description All packages of this shipment</p>
<ul style="list-style-type: none"> — xs:sequence — GoodsItem 	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 999 Type GoodsItemtype Description A package (goods item) line</p>
<ul style="list-style-type: none"> — xs:sequence — GoodsItemid 	<p>Occurrence 1 .. 1 Type an..35 Length .. 35 Description Unique and unambiguous goods item identification number within a message</p>
<ul style="list-style-type: none"> — DetailInformation 	<p>Occurrence 1 .. 1 Type GoodsDetailInformationType Description Different detail information regarding the package (goods item)</p>
<ul style="list-style-type: none"> — xs:sequence — NumberOfPackages 	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 1 Type n..6 FractionDigits 0 TotalDigits 6 Inclusive 1 .. Pattern \d{1,6} Mapping B27 Description Number of packages</p>

Element/Attribute	Annotation
PackingCode	<p>Occurrence 1 .. 1 Type an2 Mapping C27 Description Packing code. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf</p>
GrossWeight	<p>Occurrence 1 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? Mapping E27, 143 Description Gross weight (excl. container tara), gross mass. The gross mass is understood to be the mass of the goods with all enclosures except the transport material and in particular containers.</p>
unit	<p>Type weightUnitCode Description Unit of measurement of the weight</p> <p>Applicable Codes</p> <p>KGM Kilogramm</p>
NetWeight	<p>Occurrence 0 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? Mapping 133 Description Net weight, net mass. The net mass is understood to be the mass of the goods without all enclosures.</p>
unit	<p>Type weightUnitCode Description Unit of measurement of the weight</p> <p>Applicable Codes</p> <p>KGM Kilogramm</p>
MarksAndNumbers	<p>Occurrence 0 .. 1 Type an..1024 Length .. 1024 Mapping A27 + H27 Description Marks and numbers</p>
GoodsDescription	<p>Occurrence 0 .. 1 Type an..1024 Length .. 1024 Description Goods description</p>
MeansOfTransportID	<p>Occurrence 0 .. 1 Type an..13 Length .. 13 Mapping F27 Description Means of transport indicator</p>
Remarks	<p>Occurrence 0 .. 1 Type an..1024 Length .. 1024 Remark G27 Description Remarks</p>
ContainerReferences	<p>Occurrence 0 .. 1 Type ContainerReferencesType</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ContainerReference	<p>Occurrence 1 .. 999 Type ContainerReferenceType</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ContainerNumber	<p>Occurrence 1 .. 1 Type an..12 Length .. 12 Description Container number</p>

Element/Attribute	Annotation
VehicleInformation	<p>Occurrence 0 .. 1</p> <p>Type VehicleInformationType</p> <p>Description Information to a vehicle</p>
xs:sequence	Occurrence 1 .. 1
ChassisNumber	<p>Occurrence 0 .. 1</p> <p>Type chassisNumberType</p> <p>Length .. 17</p> <p>Pattern [^ioO]{1,17}</p> <p>Mapping 092</p> <p>Description Chassis number of a vehicle - Note: The character "I" and "O" are not permitted. Instead, always send the digit "1" (one) and "0" (zero).</p>
EquipmentIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 167(Z)</p> <p>Description Indicates whether it is vehicle loading equipment. true = yes, ChassisNumber must be filled, false or not available = no.</p>
AdditionalCargoIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 167(B)</p> <p>Description Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.</p>
CustomsInformation	<p>Occurrence 0 .. 1</p> <p>Type CustomsInformationType</p> <p>Description Information concerning the customs procedure</p>
xs:sequence	Occurrence 1 .. 1
EXSPositionNumber	<p>Occurrence 0 .. 1</p> <p>Type n..2</p> <p>FractionDigits 0</p> <p>TotalDigits 2</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,2}</p> <p>Mapping 130</p> <p>Description Position number of export declaration - transferred from position of export declaration (the positions of the export declaration have to be sent in ascending order, beginning with 1).</p>
CountryOfDeparture	<p>Occurrence 0 .. 1</p> <p>Type an2</p> <p>Mapping 119</p> <p>Description Country of dispatch/export/origin - ISO country code (Mandatory in case of MIT, DUX without MRN and AUS; mandatory in case of EUB, if country of dispatch is a non-EU country).</p>
CountryOfDestination	<p>Occurrence 0 .. 1</p> <p>Type an2</p> <p>Mapping 117</p> <p>Description Country of destination - Not permitted in case of declaration type AES.</p>
Participants	<p>Occurrence 0 .. 1</p> <p>Type CustomsParticipantsType</p> <p>Description Participants involved in the customs process</p>
xs:sequence	Occurrence 1 .. 1
Participant	<p>Occurrence 1 .. 999</p> <p>Type CustomsParticipantType</p> <p>Description An involved participant</p>
xs:sequence	Occurrence 1 .. 1
ParticipantType	<p>Occurrence 1 .. 1</p> <p>Type customsParticipantTypeCode</p> <p>Description Participant type</p> <p>Mapping New: Participant Type CONSIGNEE = EORI 121 oder</p>

Element/Attribute	Annotation
	Name 121, Address Line 1 122, Address Line 2 123, Address Line 3 124, Address Line 4 125; Participant Type DECLARANT = Name 106, Address Line 1 107, Address Line 2 108, Address Line 3 109, Address Line 4 110; Participant Type EXPORTER = EORI 112 oder Name 112, Address Line 1 113, Address Line 2 114, Address Line 3 115, Address Line 4 116; Participant Type REPRESENTING COMPANY = Name 155, Address Line 1 156, Address Line 2 157, Address Line 3 158, Address Line 4 159
	Applicable Codes
	CONSIGNEE Consignee DECLARANT Declarant EXPORTER Exporter REPRESENTING COMPANY Representing company
EORINumber	<p>Occurrence 0 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number with branch. Alternatively to ParticipantsName in case of DUX without MRN. In case of one-stage AES procedure the EORI number for ParticipantType EXPORTER and/or REPRESENTING COMPANY must be specified. Mapping 112/121 (alternatively to ParticipantsName) in case of DUX without MRN; 112/115 for one-stage AES procedure (you cannot report the ParticipantsName alternatively).</p>
BranchNumber	<p>Occurrence 0 .. 1 Type n4 FractionDigits 0 TotalDigits 4 Pattern \d{4} Description Branch number</p>
Name	<p>Occurrence 0 .. 1 Type an..40 Length .. 40 Description Name Mapping 112/121 (alternatively to ParticipantsName) 106/155 Mapping 112/121(alternativ zu ParticipantsName)106/155</p>
Address	<p>Occurrence 0 .. 1 Type AddressType Name Address specification</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Line	<p>Occurrence 1 .. 4 Type an..35 Length .. 35 Description Address specification</p>
Commodity	<p>Occurrence 0 .. 1 Type CommodityType Description Commodity description</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Code	<p>Occurrence 0 .. 1 Type commodityCodeType Length 8 .. 12 Pattern ([a-zA-Z\d]{8})[a-zA-Z\d]{12}) Mapping 131 Description Statistical commodity code - 8-digit specification, in case of market regulation goods 12-digit.</p>
Description	<p>Occurrence 0 .. 1 Type an..176 Length .. 176 Mapping 132</p>

Element/Attribute	Annotation
SpecialComments	<p>Description Goods description</p> <p>Occurrence 0 .. 1</p> <p>Type an..225</p> <p>Length .. 225</p> <p>Mapping 136</p> <p>Description Special comments - Documents, certificates, approvals submitted.</p>
ProcedureCode	<p>Occurrence 0 .. 1</p> <p>Type procedureCodeType</p> <p>FractionDigits 0</p> <p>TotalDigits 4</p> <p>Pattern ([1-3]\d{3} 9[5-9]\d{2})</p> <p>Mapping 146</p> <p>Description Procedure code - valid values are 1000 until 3999 and 9500 until 9999</p>
OtherExemptionIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 147</p> <p>Description Indicator "Other exemption" - "true" = yes, the customs data indicated is goods with "other exemption", "false" or not available = No, there is no "other exemption". Mandatory in case of declaration type SBF.</p>
LimitedValueShipmentIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 148</p> <p>Description Indicator defining the explanation of the value of the export shipment - "false" = the value is higher than 1000 EUR, "true" = the value is smaller/equals 1000 EUR. Mandatory in case of declaration type SBF.</p>
CustomsReferences	<p>Occurrence 0 .. 1</p> <p>Type CustomsReferencesType</p> <p>Description Customs references</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ATBNumber	<p>Occurrence 0 .. 1</p> <p>Type atbNumberType</p> <p>Length 18 .. 21</p> <p>Pattern AT[A-Z]\d{18}\d{2}[A-Z]{2}[A-Z0-9]{14}</p> <p>Mapping 152</p> <p>Description ATB number/MRN - mandatory in case of declaration type MIT; mandatory in case of declaration type EUB, if the country of dispatch is a non EU country. The ATB number or the MRN of the summary declaration ("goods summary declaration") must be specified.</p>
SecurityDeclaration	<p>Occurrence 0 .. 1</p> <p>Type SecurityDeclarationType</p> <p>Description Instructions for lodging the summary exit declaration.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Reason	<p>Occurrence 0 .. 1</p> <p>Type securityDeclarationReasonCode</p> <p>Description Particulars of the exit summary declaration mode of lodging (annex 30A data), where this have already been transmitted.</p> <p>Mapping 153(1)</p> <p>Applicable Codes</p> <p>A Export declaration, export procedure already completed before the arrival in Hamburg (also to be used for consignments that are delivered on the basis of a transit declaration marked with the note „EXPORT“)</p> <p>E Special entry summary declaration</p> <p>N not required</p> <p>V Shipping notification</p>

Element/Attribute	Annotation
ExemptionReason	<p>Occurrence 0 .. 1 Type exemptionReasonCode FractionDigits 0 TotalDigits 1 Pattern \d{1} Description Reason for the exemption of the lodging of a summary exit declaration - For the determination of the digits to be indicated, the input rules shall be taken into account which are available in the current version of the document "Re-export notification" described at https://www.dakosy.de/loesungen/cargo-communications/port-community-system/zollabwicklung-seehafen/#c2800</p> <p>Mapping 154(1)</p> <p>Applicable Codes</p> <p>0 The transshipment in the Port of Hamburg will be carried out within 14 days. Security relevant data has been submitted before the arrival in Hamburg - either via an entry summary declaration or an export declaration/shipping notification. Provided that the export declaration/shipping notification have already been completed before the arrival in Hamburg and the port of destination and consignee did not change and the goods will be discharged in a non-EU port.</p> <p>1 The goods are discharged again in an EU port (even if the vessel calls at a non-EU port along the way and the goods remain on board during the port call)</p> <p>2 It concerns the letters c), d), g) until i) and l) until p) in article 245, section 1, and the goods are again discharged in a non-EU port.</p> <p>3 Goods are discharged in Norway</p> <p>5 The goods are not importable and the re-export takes place immediately after the decision is announced by the customs office Waltershof and goods are again discharged in a non-EU port</p>
ReferenceType	<p>Occurrence 0 .. 1 Type referenceTypeCode Description Reference type Mapping 153(20)</p> <p>Applicable Codes</p> <p>AUSFALL Reference/number of master ticket of outage procedure MRN MRN</p>
Reference	<p>Occurrence 0 .. 1 Type an..18 Length .. 18 Mapping 153(2-19) Description Reference used to generate the summary exit declaration (annex security relevant data). The reference type depends on the information, specified in the element "Reason".</p>
TransitMRN	<p>Occurrence 0 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Mapping 120 Description MRN number of shipment - shipping label number / MRN number of the shipment (not to be confused with the MRN of the export procedure).</p>
ExportMRN	<p>Occurrence 0 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Mapping 151 Description Number of export declaration. Mandatory in case of declaration type AUS.</p>
EXSMRNs	<p>Occurrence 0 .. 1 Type EXSMRNsType</p>

Element/Attribute	Annotation
	Description Mandatory in case of declaration type DUX with MRN. Attention: The information is forwarded to quay operators, brokers and shipowners, the processing/use however is not binding and is optional for the consignee.
xs:sequence	Occurrence 1 .. 1
MRN	Occurrence 1 .. 999 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description Master reference number (previously movement reference number) Mapping New for declaration type DUX with MRN
ProcedureTransference	Occurrence 0 .. 1 Type ProcedureTransferenceType Description Procedure transference references Mapping 176
Type	Type procedureTransferenceTypeCode Use required Description Type of procedure transference reference Mapping 176(4-6)
Applicable Codes	
	MRN MRN-/Positionsnummer-bezogene Identifikation REG Registriernummer-/Positionsnummer-bezogene Identifikation
xs:sequence	Occurrence 1 .. 1
GoodsReference	Occurrence 1 .. 99 Type GoodsReferenceType Description Goods reference
xs:sequence	Occurrence 1 .. 1
Reference	Occurrence 1 .. 1 Type an..21 Length 18 .. 21 Description Reference (MRN or REG) Mapping 176(7-27)
PositionNumber	Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Position number source procedure - The position number of the source procedure is mandatory if the number of packages is specified. If this information is not reported separately, then the position of the ASumA item from the Port Order declaration will be transmitted to ATLAS as a procedural transition. Mapping 0176(28-31)
NumberOfPackages	Occurrence 0 .. 1 Type n..5 FractionDigits 0 TotalDigits 5 Inclusive 1 .. Pattern \d{1,5} Mapping 176(32-36) Description Number of packages
AESMRNs	Occurrence 0 .. 1 Type AESMRNsType Description Mandatory in case of declaration type AES with MRN. Attention: The information is transmitted to quay operators, brokers and shipowners, the processing/use however ist not binding and optional for the consignee.
xs:sequence	Occurrence 1 .. 1
MRN	Occurrence 1 .. 999 Type AESMRNType

Element/Attribute	Annotation
xs:sequence	Description Data to a MRN
Reference	Occurrence 1 .. 1 Occurrence 1 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description Master reference number (previously movement reference number) Mapping 160(4-21) in case of declaration type AES
CompletenessIndicator	Occurrence 1 .. 1 Type xs:boolean Mapping 161 Description Indicates whether a MRN is completely included - "true" = the MRN is completely included; "false" or not available = the MRN is not completely shown in the HDS. Mandatory in case of the declaration types AES and DUX with MRN. Attention: the information will be forwarded to the quay operators, the processing/use however, is not binding and optional for the consignee.
Position	Occurrence 0 .. 1 Type n..3 FractionDigits 0 TotalDigits 3 Inclusive 1 .. Pattern \d{1,3} Description Position of master reference number (previously movement reference number) Mapping 160(22-24) in case of declaration type AES
Packageld	Occurrence 0 .. 1 Type n..2 FractionDigits 0 TotalDigits 2 Inclusive 1 .. Pattern \d{1,2} Description Package ID = consecutive number of packaging within the position named before. By indicating the ID the package line can directly be assigned to the package within a position. Mapping 160(22-24) in case of declaration type AES
ReductionIndicator	Occurrence 0 .. 1 Type xs:boolean Description Information whether the MRN will be reduced or not - "true" = the MRN will be reduced; "false" or not available = the MRN will not be reduced. Mapping 160(22-24) in case of declaration type AES
AESLRNs	Occurrence 0 .. 1 Type AESLRNsType Description Mandatory if the LRN must be specified in the one-stage AES procedure.
xs:sequence	Occurrence 1 .. 1
LRN	Occurrence 1 .. 999 Type AESLRNType Description Data to a local reference number
xs:sequence	Occurrence 1 .. 1
Reference	Occurrence 1 .. 1 Type an..22 Length .. 22 Mapping 172(4-25) in case of declaration type AES Description Local reference number of the one-stage AES procedure
CompletenessIndicator	Occurrence 1 .. 1 Type xs:boolean Mapping 161 Description Information whether the MRN is completely included - "true" = the MRN is completely included; "false" or not available = the MRN is not completely included in the

Element/Attribute	Annotation
	HDS. Mandatory in case of the declaration types AES and DUX with MRN. Attention: the information will be forwarded to the quay operators, the processing/use however, is not binding and optional for the consignee. LRN case: the CompletenessIndicator indicates whether or not the LRN is completely included in the port order.
Position	<p>Occurrence 0 .. 1</p> <p>Type n..3</p> <p>FractionDigits 0</p> <p>TotalDigits 3</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,3}</p> <p>Mapping 172 (26-28)</p> <p>Description Position of local reference number</p>
PackageId	<p>Occurrence 0 .. 1</p> <p>Type n..2</p> <p>FractionDigits 0</p> <p>TotalDigits 2</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,2}</p> <p>Description Package ID = consecutive number of packaging within the position named before. By indicating the ID the package line can directly be assigned to the package within a position.</p>
DangerousGoodsInformations	<p>Occurrence 0 .. 1</p> <p>Type DangerousGoodsInformationsType</p> <p>Description Dangerous goods information - Note: For WKS, it is possible to specify multiple UN numbers by including multiple DangerousGoodsInformation elements. In all other cases, only the first element of the list will be evaluated.</p>
xs:sequence	
DangerousGoodsInformation	<p>Occurrence 1 .. 99</p> <p>Type DangerousGoodsInformationType</p> <p>Description Dangerous goods information</p>
xs:sequence	
IMDGAmendment	<p>Occurrence 0 .. 1</p> <p>Type an..10</p> <p>Length .. 10</p> <p>Mapping 090</p> <p>Description Amendment of IMDG code where the dangerous goods information refer to</p>
IMDGClass	<p>Occurrence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Mapping 063</p> <p>Description IMDG class - check against the IMDG code as well as compatibility assessment with UN number</p>
UNNumber	<p>Occurrence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Mapping 064</p> <p>Description UN number - check against the IMDG code as well as compatibility assessment with IMDG class. NONE permitted.</p>
EmergencyProcedure	<p>Occurrence 0 .. 1</p> <p>Type EmergencyProcedureType</p>
xs:sequence	
FireSchedule	<p>Occurrence 0 .. 1</p> <p>Type fireScheduleType</p> <p>Pattern F-[A-J]</p> <p>Mapping 065</p> <p>Description Accident leaflets for fire (emergency procedure)</p>

Element/Attribute	Annotation
└─ SpillageSchedule	<p>Occurrence 0 .. 1 Type spillageScheduleType Pattern S-[A-Z] Mapping 065 Description Accident leaflets for leakage (emergency procedure)</p>
└─ FlashPoint	<p>Occurrence 0 .. 1 Type Temperature1000Type FractionDigits 0 Inclusive -999 .. 999 Mapping 067 Description Flashpoint - Mandatory in case of class 3 or if the 1. digit of a label = 3</p>
└─ unit	<p>Type temperatureUnitCode Description Unit of temperature</p> <p>Applicable Codes</p> <p>CEL Celsius</p>
└─ Label	<p>Occurrence 0 .. 1 Type DGLabelType Description Label</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ Code	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description Code Mapping 068(1-4)</p>
└─ FirstAdditionalLabel	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description First additional label Mapping 068(5-8)</p>
└─ SecondAdditionalLabel	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description Second additional label Mapping 068(9-12)</p>
└─ MarinePollutantIndicator	<p>Occurrence 0 .. 1 Type xs:boolean Description Indicator marine pollutant Mapping 068(13-14)</p>
└─ LimitedQuantityIndicator	<p>Occurrence 1 .. 1 Type xs:boolean Mapping 069 Description Indicator limited quantity</p>
└─ ExceptedQuantityIndicator	<p>Occurrence 0 .. 1 Type xs:boolean Mapping 073 Description Indicator "excepted quantity" (This is a new regulation for the transport of excepted quantities, similar to the transport of limited quantity, simplified regulations apply to the transport of these dangerous goods.)</p>
└─ PackingGroup	<p>Occurrence 0 .. 1 Type an..3 Length .. 3 Mapping 071 Description Packaging group - Mandatory in case of N.O.S. position (not otherwise specified), meaning if one of the following character sequences occurs in the element ProperShippingName: NOS/nos/N.O.S./n.o.s./NAG/nag/N.A.G./n.a.g. Possible contents I, II, III >= (does not apply for the class 1,2 and 7)</p>
└─ Properties	<p>Occurrence 0 .. 1 Type an..216 Length .. 216</p>

Element/Attribute	Annotation
	<p>Mapping 074</p> <p>Description Properties/remarks</p>
WaterHazardClass	<p>Occurrence 0 .. 1</p> <p>Type waterHazardClassCode</p> <p>Description WGK code, water hazard class - coding: 0/1/2/3</p> <p>Mapping 075</p> <p>Applicable Codes</p> <p>0 not assigned</p> <p>1 low water hazard material</p> <p>2 water hazard material</p> <p>3 high water hazard material</p>
PropperShippingName	<p>Occurrence 1 .. 1</p> <p>Type an..72</p> <p>Length .. 72</p> <p>Mapping 076</p> <p>Description Propper technical term - Propper technical shipping term according to IMDG code</p>
TechnicalName	<p>Occurrence 0 .. 1</p> <p>Type an..110</p> <p>Length .. 110</p> <p>Mapping 077</p> <p>Description Hazard trigger - Mandatory in case of dangerous goods listed in the general introduction IMDG code chapter 7.</p>
GGVSAAndADRInformation	<p>Occurrence 0 .. 1</p> <p>Type DGGVSAAndADRInformationType</p> <p>Description GGVSA/ADR specifications - Specifications referring to the dangerous goods regulations street</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Class	<p>Occurrence 0 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Mapping 078(1-4)</p> <p>Description Class</p>
Figure	<p>Occurrence 0 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Mapping 078(5-8)</p> <p>Description Number</p>
ExplosiveInformation	<p>Occurrence 0 .. 1</p> <p>Type DGExplosiveInformationType</p> <p>Description Extended information in case of explosive dangerous goods</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Stowage	<p>Occurrence 0 .. 1</p> <p>Type an..3</p> <p>Length .. 3</p> <p>Mapping 070</p> <p>Description Stowage method (acc. to 27. Amdt. IMDG code)</p>
CompatibilityGroup	<p>Occurrence 0 .. 1</p> <p>Type an1</p> <p>Mapping 083</p> <p>Description Compatibility group</p>
PowderWeight	<p>Occurrence 0 .. 1</p> <p>Type Weight7.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 10</p> <p>Pattern \d{1,7}(\.\d{1,3})?</p> <p>Mapping 086</p> <p>Description Net powder weight</p>
unit	<p>Type weightUnitCode</p> <p>Description Unit of measurement of the weight</p> <p>Applicable Codes</p> <p>KGM Kilogramm</p>

Element/Attribute	Annotation
RadioactivityInformation	<p>Occurrence 0 .. 1</p> <p>Type DGRadioactivityInformationType</p> <p>Description Extended information in case of radioactive dangerous goods</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Activity	<p>Occurrence 1 .. 1</p> <p>Type ActivityType</p> <p>Length .. 4</p> <p>Mapping 084</p> <p>Description Activity</p>
unit	<p>Type radioactiveActivityUnitCode</p> <p>Description Unit of activity</p> <p>Applicable Codes</p> <p>2Q Kilobecquerel</p> <p>4N Megabecquerel</p> <p>BQ Becquerel (Deprecated!)</p> <p>BQL Becquerel</p> <p>GBQ Gigabecquerel</p> <p>KBQ Kilobecquerel (Deprecated!)</p> <p>MBQ Megabecquerel (Deprecated!)</p> <p>PBQ Petabecquerel</p> <p>TBQ Terabecquerel</p>
Category	<p>Occurrence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Mapping 085</p> <p>Description Category</p>
TransportCode	<p>Occurrence 1 .. 1</p> <p>Type an..3</p> <p>Length .. 3</p> <p>Mapping 088</p> <p>Description Transport code (not required in case of sheet number 01-04)</p>
PackingType	<p>Occurrence 1 .. 1</p> <p>Type dgPackingTypeCode</p> <p>Description Packing type class 7</p> <p>Mapping 089</p> <p>Applicable Codes</p> <p>A Type A Package</p> <p>B(M) Type B(M) Package</p> <p>B(U) Type B(U) Package</p> <p>C Type C Package</p> <p>FREI Excepted Package</p> <p>IP-1 Industrial Package Type 1 (Type IP-1 Package)</p> <p>IP-2 Industrial Package Type 2 (Type IP-2 Package)</p> <p>IP-3 Industrial Package Type 3 (Type IP-3 Package)</p> <p>IP1 Industrial Package Type 1 (Type IP-1 Package) (Deprecated!)</p> <p>IP2 Industrial Package Type 2 (Type IP-2 Package) (Deprecated!)</p> <p>TYP A Type A Package (Deprecated!)</p> <p>TYP B Type B(U) Package (Deprecated!)</p> <p>TYP C Type C Package (Deprecated!)</p> <p>TYP M Type B(M) Package (Deprecated!)</p>
Dimensions	<p>Occurrence 0 .. 1</p> <p>Type DimensionsType</p> <p>Mapping 047</p> <p>Description Dimensions forwarding agency</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Dimension	<p>Occurrence 1 .. 999</p> <p>Type DimensionType</p> <p>Mapping 047</p> <p>Description Dimensions forwarding agency</p>

Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
Count	Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Mapping 047(4-7) Description Number
Size	Occurrence 0 .. 1 Type SizeType Description Length specifications
xs:sequence	Occurrence 1 .. 1
Length	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Length Mapping 047(8-11)
unit	Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter
Width	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Width Mapping 047(12-15)
unit	Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter
Height	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Height Mapping 047(16-19)
unit	Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter
Volume	Occurrence 0 .. 1 Type VolumeType Description Measurements volume
xs:sequence	Occurrence 1 .. 1
Single	Occurrence 0 .. 1 Type Volume4.3Type FractionDigits 3 TotalDigits 7 Pattern \d{1,4}(\.\d{1,3})? Description Single coubage Mapping 047(20-26)
unit	Type volumeUnitCode Description Unit of volume specifications

Element/Attribute	Annotation
Total	Applicable Codes
	<p>MTQ Kubikmeter</p> <p>Occurrence 0 .. 1</p> <p>Type Volume8.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 11</p> <p>Pattern \d{1,8}(\.\d{1,3})?</p> <p>Description Total coubage</p> <p>Mapping 047(27-37)</p>
unit	<p>Type volumeUnitCode</p> <p>Description Unit of volume specifications</p>
Packages	Applicable Codes
	<p>MTQ Kubikmeter</p> <p>Occurrence 0 .. 1</p> <p>Type PackagesType</p> <p>Description All positions to a package line</p>
xs:sequence	
Package	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 999</p> <p>Type PackageType</p> <p>Description A position to a goods item</p>
xs:sequence	
PackageId	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 1</p> <p>Type an..35</p> <p>Length .. 35</p> <p>Description A unique and unambiguous package identification number</p>
DetailInformation	<p>Occurrence 1 .. 1</p> <p>Type GoodsDetailInformationType</p> <p>Description Several detail information to goods item</p>
xs:sequence	
NumberOfPackages	<p>Occurrence 1 .. 1</p> <p>Type n..6</p> <p>FractionDigits 0</p> <p>TotalDigits 6</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,6}</p> <p>Mapping B27</p> <p>Description Number of packages</p>
PackingCode	<p>Occurrence 1 .. 1</p> <p>Type an2</p> <p>Mapping C27</p> <p>Description Packing code. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf</p>
GrossWeight	<p>Occurrence 1 .. 1</p> <p>Type Weight7.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 10</p> <p>Pattern \d{1,7}(\.\d{1,3})?</p> <p>Mapping E27, 143</p> <p>Description Gross weight (excl. container tara), gross mass. The gross mass is understood to be the mass of the goods with all enclosures except the transport material and in particular containers.</p>
unit	<p>Type weightUnitCode</p> <p>Description Unit of measurement of the weight</p>
NetWeight	Applicable Codes
	<p>KGM Kilogramm</p> <p>Occurrence 0 .. 1</p> <p>Type Weight7.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 10</p> <p>Pattern \d{1,7}(\.\d{1,3})?</p>

Element/Attribute	Annotation
	<p>Mapping 133</p> <p>Description Net weight, net mass. The net mass is understood to be the mass of the goods without all enclosures.</p>
unit	<p>Type weightUnitCode</p> <p>Description Unit of measurement of the weight</p>
MarksAndNumbers	<p>Applicable Codes</p> <p>KGM Kilogramm</p> <p>Occurrence 0 .. 1</p> <p>Type an..1024</p> <p>Length .. 1024</p> <p>Mapping A27 + H27</p> <p>Description Marks and numbers</p>
GoodsDescription	<p>Occurrence 0 .. 1</p> <p>Type an..1024</p> <p>Length .. 1024</p> <p>Description Goods description</p>
MeansOfTransportID	<p>Occurrence 0 .. 1</p> <p>Type an..13</p> <p>Length .. 13</p> <p>Mapping F27</p> <p>Description Means of transport indicator</p>
Remarks	<p>Occurrence 0 .. 1</p> <p>Type an..1024</p> <p>Length .. 1024</p> <p>Remark G27</p> <p>Description Remarks</p>
VehicleInformation	<p>Occurrence 0 .. 1</p> <p>Type VehicleInformationType</p> <p>Description Information to a vehicle</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ChassisNumber	<p>Occurrence 0 .. 1</p> <p>Type chassisNumberType</p> <p>Length .. 17</p> <p>Pattern [^oO]{1,17}</p> <p>Mapping 092</p> <p>Description Chassis number of a vehicle - Note: The character "I" and "O" are not permitted. Instead, always send the digit "1" (one) and "0" (zero).</p>
EquipmentIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 167(Z)</p> <p>Description Indicates whether it is vehicle loading equipment. true = yes, ChassisNumber must be filled, false or not available = no.</p>
AdditionalCargoIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 167(B)</p> <p>Description Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.</p>
CustomsInformation	<p>Occurrence 0 .. 1</p> <p>Type CustomsInformationPackageType</p> <p>Description Information to customs procedure</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
EXSPositionNumber	<p>Occurrence 0 .. 1</p> <p>Type n..2</p> <p>FractionDigits 0</p> <p>TotalDigits 2</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,2}</p> <p>Mapping 130</p> <p>Description Position number of export declaration - transferred from position of export declaration (the positions of the export</p>

Element/Attribute	Annotation
CountryOfDeparture	<p>declaration have to be sent in ascending order, beginning with 1).</p> <p>Occurrence 0 .. 1 Type an2 Mapping 119 Description Country of dispatch/export/origin - ISO country code (Mandatory in case of MIT, DUX without MRN and AUS; mandatory in case of EUB, if country of dispatch is a non-EU country).</p>
CountryOfDestination	<p>Occurrence 0 .. 1 Type an2 Mapping 117 Description Country of destination - Not permitted in case of declaration type AES.</p>
Participants	<p>Occurrence 0 .. 1 Type CustomsParticipantsType Description Participants involved in the customs process</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Participant	<p>Occurrence 1 .. 999 Type CustomsParticipantType Description An involved participant</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ParticipantType	<p>Occurrence 1 .. 1 Type customsParticipantTypeCode Description Participant type Mapping New: Participant Type CONSIGNEE = EORI 121 oder Name 121, Address Line 1 122, Address Line 2 123, Address Line 3 124, Address Line 4 125; Participant Type DECLARANT = Name 106, Address Line 1 107, Address Line 2 108, Address Line 3 109, Address Line 4 110; Participant Type EXPORTER = EORI 112 oder Name 112, Address Line 1 113, Address Line 2 114, Address Line 3 115, Address Line 4 116; Participant Type REPRESENTING COMPANY = Name 155, Address Line 1 156, Address Line 2 157, Address Line 3 158, Address Line 4 159</p>
Applicable Codes	
	<p>CONSIGNEE Consignee DECLARANT Declarant EXPORTER Exporter REPRESENTING_COMPANY Representing company</p>
EORINumber	<p>Occurrence 0 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number with branch. Alternatively to ParticipantsName in case of DUX without MRN. In case of one-stage AES procedure the EORI number for ParticipantType EXPORTER and/or REPRESENTING COMPANY must be specified. Mapping 112/121 (alternatively to ParticipantsName) in case of DUX without MRN; 112/115 for one-stage AES procedure (you cannot report the ParticipantsName alternatively).</p>
BranchNumber	<p>Occurrence 0 .. 1 Type n4 FractionDigits 0 TotalDigits 4 Pattern \d{4} Description Branch number</p>
Name	<p>Occurrence 0 .. 1 Type an..40 Length .. 40</p>

Element/Attribute	Annotation
Address	Description Name
	Mapping 112/121 (alternatively to ParticipantsName) 106/155
xs:sequence	Occurrence 0 .. 1
	Type AddressType
Line	Name Address specification
	Occurrence 1 .. 1
Commodity	Occurrence 1 .. 4
	Type an..35
xs:sequence	Length .. 35
	Description Address specification
Code	Occurrence 0 .. 1
	Type CommodityType
Description	Description Commodity description
	Occurrence 1 .. 1
SpecialComments	Occurrence 0 .. 1
	Type commodityCodeType
ProcedureCode	Length 8 .. 12
	Pattern ([a-zA-Z\d]{8})[a-zA-Z\d]{12}
OtherExemptionIndicator	Mapping 131
	Description Statistical commodity code - 8-digit specification, in case of market regulation goods 12-digit.
LimitedValueShipmentIndicator	Occurrence 0 .. 1
	Type an..176
CustomsReferences	Length .. 176
	Mapping 132
ATBNumber	Description Goods description
	Occurrence 0 .. 1
ATBNumber	Type an..225
	Length .. 225
ATBNumber	Mapping 136
	Description Special comments - Documents, certificates, approvals submitted.
ATBNumber	Occurrence 0 .. 1
	Type procedureCodeType
ATBNumber	FractionDigits 0
	TotalDigits 4
ATBNumber	Pattern ([1-3]\d{3})9[5-9]\d{2}
	Mapping 146
ATBNumber	Description Procedure code - valid values are 1000 until 3999 and 9500 until 9999
	Occurrence 0 .. 1
ATBNumber	Type xs:boolean
	Mapping 147
ATBNumber	Description Indicator "Other exemption" - "true" = yes, the customs data indicated is goods with "other exemption", "false" or not available = No, there is no "other exemption". Mandatory in case of declaration type SBF.
	Occurrence 0 .. 1
ATBNumber	Type xs:boolean
	Mapping 148
ATBNumber	Description Indicator defining the explanation of the value of the export shipment - "false" = the value is higher than 1000 EUR, "true" = the value is smaller/equals 1000 EUR. Mandatory in case of declaration type SBF.
	Occurrence 0 .. 1
ATBNumber	Type CustomsReferencesPackageType
	Description Customs references
ATBNumber	Occurrence 1 .. 1
	Occurrence 0 .. 1
ATBNumber	Type atbNumberType
	Length 18 .. 21
ATBNumber	Pattern AT[A-Z]\d{18}\d{2}[A-Z]{2}[A-Z0-9]{14}
	Mapping 152

Element/Attribute	Annotation
	<p>Description ATB number/MRN - mandatory in case of declaration type MIT; mandatory in case of declaration type EUB, if the country of dispatch is a non EU country. The ATB number or the MRN of the summary declaration ("goods summary declaration") must be specified.</p>
SecurityDeclaration	<p>Occurrence 0 .. 1 Type SecurityDeclarationType Description Instructions for lodging the summary exit declaration.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Reason	<p>Occurrence 0 .. 1 Type securityDeclarationReasonCode Description Particulars of the exit summary declaration mode of lodging (annex 30A data), where this have already been transmitted. Mapping 153(1)</p> <p>Applicable Codes</p> <p>A Export declaration, export procedure already completed before the arrival in Hamburg (also to be used for consignments that are delivered on the basis of a transit declaration marked with the note „EXPORT“) E Special entry summary declaration N not required V Shipping notification</p>
ExemptionReason	<p>Occurrence 0 .. 1 Type exemptionReasonCode FractionDigits 0 TotalDigits 1 Pattern \d{1} Description Reason for the exemption of the lodging of a summary exit declaration - For the determination of the digits to be indicated, the input rules shall be taken into account which are available in the current version of the document "Re-export notification" described at https://www.dakosy.de/loesungen/cargo-communications/port-community-system/zollabwicklung-seehafen/#c2800 Mapping 154(1)</p> <p>Applicable Codes</p> <p>0 The transshipment in the Port of Hamburg will be carried out within 14 days. Security relevant data has been submitted before the arrival in Hamburg - either via an entry summary declaration or an export declaration/ shipping notification. Provided that the export declaration/ shipping notification have already been completed before the arrival in Hamburg and the port of destination and consignee did not change and the goods will be discharged in a non-EU port. 1 The goods are discharged again in an EU port (even if the vessel calls at a non-EU port along the way and the goods remain on board during the port call) 2 It concerns the letters c), d), g) until i) and l) until p) in article 245, section 1, and the goods are again discharged in a non-EU port. 3 Goods are discharged in Norway 5 The goods are not importable and the re-export takes place immediately after the decision is announced by the customs office Waltershof and goods are again discharged in a non-EU port</p>
ReferenceType	<p>Occurrence 0 .. 1 Type referenceTypeCode Description Reference type Mapping 153(20)</p> <p>Applicable Codes</p> <p>AUSFALL Reference/number of master ticket of outage procedure MRN MRN</p>

Element/Attribute	Annotation
└ Reference	<p>Occurrence 0 .. 1</p> <p>Type an..18</p> <p>Length .. 18</p> <p>Mapping 153(2-19)</p> <p>Description Reference used to generate the summary exit declaration (annex security relevant data). The reference type depends on the information, specified in the element "Reason".</p>
└ TransitMRN	<p>Occurrence 0 .. 1</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Mapping 120</p> <p>Description MRN number of shipment - shipping label number / MRN number of the shipment (not to be confused with the MRN of the export procedure).</p>
└ ExportMRN	<p>Occurrence 0 .. 1</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Mapping 151</p> <p>Description Number of export declaration. Mandatory in case of declaration type AUS.</p>
└ EXSMRNs	<p>Occurrence 0 .. 1</p> <p>Type EXSMRNsType</p> <p>Description Mandatory in case of declaration type DUX with MRN. Attention: The information is forwarded to quay operators, brokers and shipowners, the processing/use however is not binding and is optional for the consignee.</p>
└ xs:sequence	Occurrence 1 .. 1
└ MRN	<p>Occurrence 1 .. 999</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Description Master reference number (previously movement reference number)</p> <p>Mapping New for declaration type DUX with MRN</p>
└ AESMRNs	<p>Occurrence 0 .. 1</p> <p>Type AESMRNsType</p> <p>Description Mandatory in case of declaration type AES with MRN. Attention: The information is transmitted to quay operators, brokers and shipowners, the processing/use however ist not binding and optional for the consignee.</p>
└ xs:sequence	Occurrence 1 .. 1
└ MRN	<p>Occurrence 1 .. 999</p> <p>Type AESMRNType</p> <p>Description Data to a MRN</p>
└ xs:sequence	Occurrence 1 .. 1
└ Reference	<p>Occurrence 1 .. 1</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Description Master reference number (previously movement reference number)</p> <p>Mapping 160(4-21) in case of declaration type AES</p>
└ CompletenessIndicator	<p>Occurrence 1 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 161</p> <p>Description Indicates whether a MRN is completely included - "true" = the MRN is completely included; "false" or not available = the MRN is not completely shown in the HDS. Mandatory in case of the declaration types AES and DUX with MRN. Attention: the information will be forwarded to the quay operators, the processing/use however, is not binding and optional for the consignee.</p>

Element/Attribute	Annotation
Position	<p>Occurrence 0 .. 1 Type n..3 FractionDigits 0 TotalDigits 3 Inclusive 1 .. Pattern \d{1,3} Description Position of master reference number (previously movement reference number) Mapping 160(22-24) in case of declaration type AES</p>
PackageID	<p>Occurrence 0 .. 1 Type n..2 FractionDigits 0 TotalDigits 2 Inclusive 1 .. Pattern \d{1,2} Description Package ID = consecutive number of packaging within the position named before. By indicating the ID the package line can directly be assigned to the package within a position. Mapping 160(22-24) in case of declaration type AES</p>
ReductionIndicator	<p>Occurrence 0 .. 1 Type xs:boolean Description Information whether the MRN will be reduced or not - "true" = the MRN will be reduced; "false" or not available = the MRN will not be reduced. Mapping 160(22-24) in case of declaration type AES</p>
AESLRNs	<p>Occurrence 0 .. 1 Type AESLRNsType Description Mandatory if the LRN must be specified in the one-stage AES procedure.</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
LRN	<p>Occurrence 1 .. 999 Type AESLRNType Description Data to a local reference number</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Reference	<p>Occurrence 1 .. 1 Type an..22 Length .. 22 Mapping 172(4-25) in case of declaration type AES Description Local reference number of the one-stage AES procedure</p>
CompletenessIndicator	<p>Occurrence 1 .. 1 Type xs:boolean Mapping 161 Description Information whether the MRN is completely included - "true" = the MRN is completely included; "false" or not available = the MRN is not completely included in the HDS. Mandatory in case of the declaration types AES and DUX with MRN. Attention: the information will be forwarded to the quay operators, the processing/use however, is not binding and optional for the consignee. LRN case: the CompletenessIndicator indicates whether or not the LRN is completely included in the port order.</p>
Position	<p>Occurrence 0 .. 1 Type n..3 FractionDigits 0 TotalDigits 3 Inclusive 1 .. Pattern \d{1,3} Mapping 172 (26-28) Description Position of local reference number</p>

Element/Attribute	Annotation
└─ PackageId	<p>Occurrence 0 .. 1 Type n..2 FractionDigits 0 TotalDigits 2 Inclusive 1 .. Pattern \d{1,2} Description Package ID = consecutive number of packaging within the position named before. By indicating the ID the package line can directly be assigned to the package within a position.</p>
└─ DangerousGoodsInformations	<p>Occurrence 0 .. 1 Type DangerousGoodsInformationsType Description Dangerous goods informations</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ DangerousGoodsInformation	<p>Occurrence 1 .. 99 Type DangerousGoodsInformationType Description Dangerous goods information</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ IMDGAmendment	<p>Occurrence 0 .. 1 Type an..10 Length .. 10 Mapping 090 Description Amendment of IMDG code where the dangerous goods information refer to</p>
└─ IMDGClass	<p>Occurrence 1 .. 1 Type an..4 Length .. 4 Mapping 063 Description IMDG class - check against the IMDG code as well as compatibility assessment with UN number</p>
└─ UNNumber	<p>Occurrence 1 .. 1 Type an..4 Length .. 4 Mapping 064 Description UN number - check against the IMDG code as well as compatibility assessment with IMDG class. NONE permitted.</p>
└─ EmergencyProcedure	<p>Occurrence 0 .. 1 Type EmergencyProcedureType</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ FireSchedule	<p>Occurrence 0 .. 1 Type fireScheduleType Pattern F-[A-J] Mapping 065 Description Accident leaflets for fire (emergency procedure)</p>
└─ SpillageSchedule	<p>Occurrence 0 .. 1 Type spillageScheduleType Pattern S-[A-Z] Mapping 065 Description Accident leaflets for leakage (emergency procedure)</p>
└─ FlashPoint	<p>Occurrence 0 .. 1 Type Temperature1000Type FractionDigits 0 Inclusive -999 .. 999 Mapping 067 Description Flashpoint - Mandatory in case of class 3 or if the 1. digit of a label = 3</p>
└─ unit	<p>Type temperatureUnitCode Description Unit of temperature</p>
Applicable Codes	
└─ CEL	<p>Celsius</p>
└─ Label	<p>Occurrence 0 .. 1 Type DGLabelType</p>

Element/Attribute	Annotation
	Description Label
	Occurrence 1 .. 1
xs:sequence	
Code	Occurrence 0 .. 1
	Type an..4
	Length .. 4
	Description Code
	Mapping 068(1-4)
FirstAdditionalLabel	Occurrence 0 .. 1
	Type an..4
	Length .. 4
	Description First additional label
	Mapping 068(5-8)
SecondAdditionalLabel	Occurrence 0 .. 1
	Type an..4
	Length .. 4
	Description Second additional label
	Mapping 068(9-12)
MarinePollutantIndicator	Occurrence 0 .. 1
	Type xs:boolean
	Description Indicator marine pollutant
	Mapping 068(13-14)
LimitedQuantityIndicator	Occurrence 1 .. 1
	Type xs:boolean
	Mapping 069
	Description Indicator limited quantity
ExceptedQuantityIndicator	Occurrence 0 .. 1
	Type xs:boolean
	Mapping 073
	Description Indicator "excepted quantity" (This is a new regulation for the transport of excepted quantities, similar to the transport of limited quantity, simplified regulations apply to the transport of these dangerous goods.)
PackingGroup	Occurrence 0 .. 1
	Type an..3
	Length .. 3
	Mapping 071
	Description Packaging group - Mandatory in case of N.O.S. position (not otherwise specified), meaning if one of the following character sequences occurs in the element PropperShippingName: NOS/nos/N.O.S./n.o.s./NAG/nag/N.A.G./n.a.g. Possible contents I, II, III >= (does not apply for the class 1,2 and 7)
Properties	Occurrence 0 .. 1
	Type an..216
	Length .. 216
	Mapping 074
	Description Properties/remarks
WaterHazardClass	Occurrence 0 .. 1
	Type waterHazardClassCode
	Description WGK code, water hazard class - coding: 0/1/2/3
	Mapping 075
	Applicable Codes
	0 not assigned
	1 low water hazard material
	2 water hazard material
	3 high water hazard material
PropperShippingName	Occurrence 1 .. 1
	Type an..72
	Length .. 72
	Mapping 076
	Description Propper technical term - Propper technical shipping term according to IMDG code

Element/Attribute	Annotation
TechnicalName	<p>Occurrence 0 .. 1 Type an..110 Length .. 110 Mapping 077 Description Hazard trigger - Mandatory in case of dangerous goods listed in the general introduction IMDG code chapter 7.</p>
GGVSAAndADRInformation	<p>Occurrence 0 .. 1 Type DGGGVSAAndADRInformationType Description GGVSA/ADR specifications - Specifications referring to the dangerous goods regulations street</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Class	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Mapping 078(1-4) Description Class</p>
Figure	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Mapping 078(5-8) Description Number</p>
ExplosiveInformation	<p>Occurrence 0 .. 1 Type DGExplosiveInformationType Description Extended information in case of explosive dangerous goods</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Stowage	<p>Occurrence 0 .. 1 Type an..3 Length .. 3 Mapping 070 Description Stowage method (acc. to 27. Amdt. IMDG code)</p>
CompatibilityGroup	<p>Occurrence 0 .. 1 Type an1 Mapping 083 Description Compatibility group</p>
PowderWeight	<p>Occurrence 0 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? Mapping 086 Description Net powder weight</p>
unit	<p>Type weightUnitCode Description Unit of measurement of the weight</p>
Applicable Codes	
KGM	Kilogramm
RadioactivityInformation	<p>Occurrence 0 .. 1 Type DGRadioactivityInformationType Description Extended information in case of radioactive dangerous goods</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Activity	<p>Occurrence 1 .. 1 Type ActivityType Length .. 4 Mapping 084 Description Activity</p>
unit	<p>Type radioactiveActivityUnitCode Description Unit of activity</p>
Applicable Codes	
2Q	Kilobecquerel
4N	Megabecquerel
BQ	Becquerel (Deprecated!)
BQL	Becquerel

Element/Attribute	Annotation
	Applicable Codes GBQ Gigabecquerel KBQ Kilobecquerel (Deprecated!) MBQ Megabecquerel (Deprecated!) PBQ Petabecquerel TBQ Terabecquerel
Category	Occurrence 1 .. 1 Type an..4 Length .. 4 Mapping 085 Description Category
TransportCode	Occurrence 1 .. 1 Type an..3 Length .. 3 Mapping 088 Description Transport code (not required in case of sheet number 01-04)
PackingType	Occurrence 1 .. 1 Type dgPackingTypeCode Description Packing type class 7 Mapping 089
	Applicable Codes A Type A Package B(M) Type B(M) Package B(U) Type B(U) Package C Type C Package FREI Excepted Package IP-1 Industrial Package Type 1 (Type IP-1 Package) IP-2 Industrial Package Type 2 (Type IP-2 Package) IP-3 Industrial Package Type 3 (Type IP-3 Package) IP1 Industrial Package Type 1 (Type IP-1 Package) (Deprecated!) IP2 Industrial Package Type 2 (Type IP-2 Package) (Deprecated!) TYP A Type A Package (Deprecated!) TYP B Type B(U) Package (Deprecated!) TYP C Type C Package (Deprecated!) TYP M Type B(M) Package (Deprecated!)
Dimensions	Occurrence 0 .. 1 Type DimensionsType Mapping 047 Description Measurements forwarding agency
xs:sequence	
Dimension	Occurrence 1 .. 999 Type DimensionType Mapping 047 Description Dimensions forwarding agency
xs:sequence	
Count	Occurrence 1 .. 1 Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Mapping 047(4-7) Description Number
Size	Occurrence 0 .. 1 Type SizeType Description Length specifications
xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
Length	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Length Mapping 047(8-11)
	unit Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter
Width	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Width Mapping 047(12-15)
	unit Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter
Height	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Height Mapping 047(16-19)
	unit Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter
Volume	Occurrence 0 .. 1 Type VolumeType Description Measurements volume
xs:sequence	Occurrence 1 .. 1
Single	Occurrence 0 .. 1 Type Volume4.3Type FractionDigits 3 TotalDigits 7 Pattern \d{1,4}(\.\d{1,3})? Description Single coubage Mapping 047(20-26)
	unit Type volumeUnitCode Description Unit of volume specifications Applicable Codes MTQ Kubikmeter
Total	Occurrence 0 .. 1 Type Volume8.3Type FractionDigits 3 TotalDigits 11 Pattern \d{1,8}(\.\d{1,3})? Description Total coubage Mapping 047(27-37)
	unit Type volumeUnitCode Description Unit of volume specifications Applicable Codes MTQ Kubikmeter

Element/Attribute	Annotation
Containers	<p>Occurrence 0 .. 1</p> <p>Type ContainersType</p> <p>Description This element summarizes information to all containers of a batch.</p>
xs:sequence	Occurrence 1 .. 1
Container	<p>Occurrence 1 .. 999</p> <p>Type ContainerType</p> <p>Description Information about a container</p>
xs:sequence	Occurrence 1 .. 1
ContainerNumber	<p>Occurrence 1 .. 1</p> <p>Type an..12</p> <p>Length .. 12</p> <p>Mapping 028(4-15)</p> <p>Description Container number</p>
NonIsoContainerIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</p> <p>Mapping 028(16)</p> <p>Description Indicates whether it is about a non iso container or not. true = it is about a non iso container, false or element not available = it is not about a non iso container</p>
Seal	<p>Occurrence 0 .. 1</p> <p>Type an..11</p> <p>Length .. 11</p> <p>Mapping 028(18-28)</p> <p>Description Seal number</p>
SizeType	<p>Occurrence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Mapping 028(29-32)</p> <p>Description Container size and type code according to ISO6346</p>
TemperatureRange	<p>Occurrence 0 .. 1</p> <p>Type TemperatureRangeType</p> <p>Description Temperature range</p>
xs:sequence	Occurrence 1 .. 1
Min	<p>Occurrence 0 .. 1</p> <p>Type Temperature100Type</p> <p>FractionDigits 0</p> <p>Inclusive -99 .. 99</p> <p>Description Minimum temperature</p> <p>Mapping 093(4-6)</p>
unit	<p>Type temperatureUnitCode</p> <p>Description Unit of temperature</p> <p>Applicable Codes</p> <p>CEL Celsius</p>
Max	<p>Occurrence 0 .. 1</p> <p>Type Temperature100Type</p> <p>FractionDigits 0</p> <p>Inclusive -99 .. 99</p> <p>Description Maximum temperature</p> <p>Mapping 094(4-6)</p>
unit	<p>Type temperatureUnitCode</p> <p>Description Unit of temperature</p> <p>Applicable Codes</p> <p>CEL Celsius</p>
MRNOptions	<p>Occurrence 0 .. 1</p> <p>Type MRNOptionsType</p> <p>Description Extended options concerning the specified MRN</p>
xs:sequence	Occurrence 1 .. 1
Reductions	<p>Occurrence 0 .. 1</p> <p>Type ReductionsType</p> <p>Description All reductions referring to MRN's</p>
xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
Reduction	<p>Occurrence 1 .. 999</p> <p>Type ReductionType</p> <p>Description Reduction to a MRN</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ReductionType	<p>Occurrence 1 .. 1</p> <p>Type reductionTypeCode</p> <p>Description Reduction type</p> <p>Mapping New</p> <p>Applicable Codes</p> <p>COMPLETE_P Complete Position</p> <p>OSITION</p> <p>GROSS_WEIG Gross weight</p> <p>HT</p> <p>NET_WEIGHT Net weight</p>
MRN	<p>Occurrence 1 .. 1</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Description Master reference number (previously movement reference number)</p> <p>Mapping 162 or 163 or 164 each depending on the reduction type (1-18)</p>
Position	<p>Occurrence 1 .. 1</p> <p>Type n..3</p> <p>FractionDigits 0</p> <p>TotalDigits 3</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,3}</p> <p>Mapping 162 or 163 or 164 each depending on the reduction type (19-21)</p> <p>Description Position number of the MRN = consecutive number of position within the MRN/export declaration. By indicating the number the package line can directly be assigned to the position of an export declaration.</p>
ReducedNetWeight	<p>Occurrence 0 .. 1</p> <p>Type Weight8.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 11</p> <p>Pattern \d{1,8}(\.\d{1,3})?</p> <p>Mapping 162 (22-32)</p> <p>Description Reduced net weight, mandatory in case of ReductionType NET_WEIGHT and GROSS_WEIGHT, empty in case of ReductionType COMPLETE_POSITION</p>
unit	<p>Type weightUnitCode</p> <p>Description Unit of measurement of the weight</p> <p>Applicable Codes</p> <p>KGM Kilogramm</p>
ReducedGrossWeight	<p>Occurrence 0 .. 1</p> <p>Type Weight8.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 11</p> <p>Pattern \d{1,8}(\.\d{1,3})?</p> <p>Mapping 163 (22-32)</p> <p>Description Reduced gross weight, mandatory in case of ReductionType GROSS_WEIGHT, empty in case of ReductionType COMPLETE_POSITION</p>
unit	<p>Type weightUnitCode</p> <p>Description Unit of measurement of the weight</p> <p>Applicable Codes</p> <p>KGM Kilogramm</p>
ExitSummaryDeclarations	<p>Occurrence 0 .. 1</p> <p>Type ExitSummaryDeclarationsType</p> <p>Description MRN of the summary exit declaration inclusive the date/ time of release</p>
xs:sequence	<p>Occurrence 1 .. 1</p>

Element/Attribute	Annotation
ExitSummaryDeclaration	<p>Occurrence 1 .. 999</p> <p>Type ExitSummaryDeclarationType</p> <p>Description A MRN of the summary exit declaration inclusive of the date/time of release. The specification of the date/time of the MRN release is required. The release is communicated from ATLAS with the message „E_EXS_STA“.</p>
xs:sequence	Occurrence 1 .. 1
MRN	<p>Occurrence 1 .. 1</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Mapping 171 (1-18)</p> <p>Description Master reference number (previously movement reference number)</p>
ReleaseDateTime	<p>Occurrence 1 .. 1</p> <p>Type xs:dateTime</p> <p>Mapping 171 (19-32)</p> <p>Description Date and time of release - time of release from the point of view of the port order is the time at which the above message was received. Information such as "00:00:00", the current time or the date and time of the MRN receipt shall not be permitted.</p>
WKSProcedure	<p>Occurrence 1 .. 1</p> <p>Type wksProcedureCode</p> <p>Description WKS Procedure</p> <p>Applicable Codes</p> <p>ASUMA Exit Summary Declaration</p> <p>WAM Re-Export Notice</p>
EMPEnhancedData	<p>Occurrence 0 .. 1</p> <p>Type EMPEnhancedDataType</p> <p>Description Data enhanced by EMP. Element must not be sent by issuer.</p>
xs:sequence	Occurrence 1 .. 1
PortOrderReference	<p>Occurrence 0 .. 1</p> <p>Type an12</p> <p>Description Port order reference, assigned for this declaration</p>
RequestDateTime	<p>Occurrence 1 .. 1</p> <p>Type xs:dateTime</p> <p>Description Date and time of request by the forwarder. ISO 8601 Coordinated Universal Time (UTC) or local time with offset to UTC.</p>
ContainerizedIndicator	<p>Occurrence 1 .. 1</p> <p>Type xs:boolean</p> <p>Description Is this about containerized goods) (true = yes, false = no)</p>
DangerousGoodsIndicator	<p>Occurrence 1 .. 1</p> <p>Type xs:boolean</p> <p>Description Is this a dangerous goods declaration? (true = yes, false = no)</p>
PortOrderStatus	<p>Occurrence 0 .. 1</p> <p>Type an..10</p> <p>Length .. 10</p> <p>Description State of port order reference. The field won't be transmitted from the forwarder to DAKOSY.</p>
StatusDateTime	<p>Occurrence 0 .. 1</p> <p>Type xs:dateTime</p> <p>Description Date and time when the state of the port order has been assigned.</p>