EMP

Port Order XML

Implementation manual
Version 1.4.1/E

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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 seperate document "Port Order Cancellation XML"	24.10.2024	24.10.2024
1.4.1/E	PortOrder - Data type of branch number changed from integer to string - ExsPositionNumber now optional. WKS: - When specifying various DangerousGoodsInformation elements, from the second element onwards only the specification of UNNumer mandatory. - Speficifcations to ProcedureTransference now also possible in package element SAC: - DangerousGoodsIndicarions now also possible for consolidated containers	09.04.2026	09.04.2026

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!

Table of contents

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.

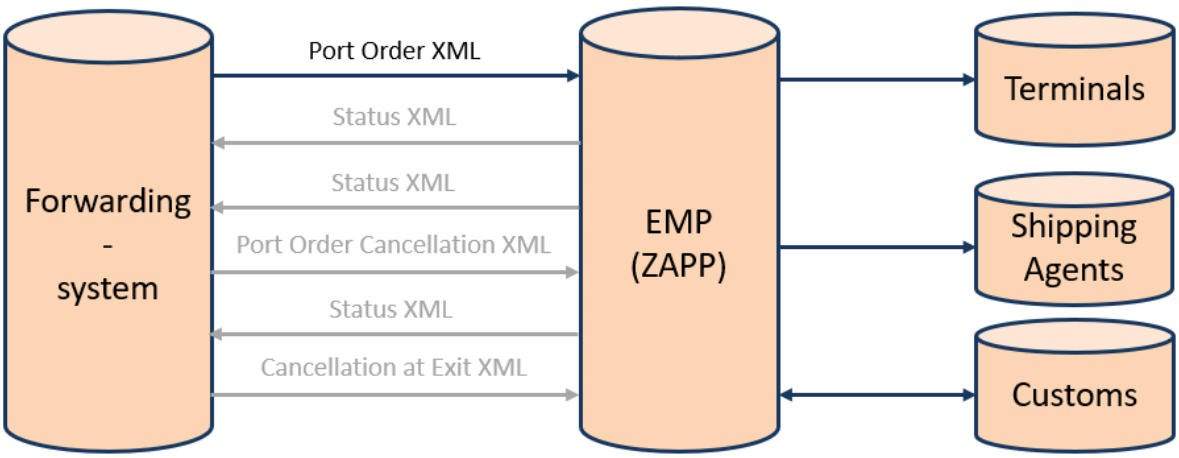

Image 1 Integration of Port Order XML message in the port communication

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 transmittsion 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 ist 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	**GoodsInTransitBySeaIndicator**
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**
1 .. 1	**PositionNumber**
1 .. 1	**NumberOfPackages**
0 .. 1	**AESMRNs**

Ocurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 999	**MRN**
1 .. 1	xs:sequence
1 .. 1	**Reference**
1 .. 1	**CompletenessIndicator**
0 .. 1	**Position**
0 .. 1	**PackageId**
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	**PackageId**
0 .. 1	**DangerousGoodsInformations**
1 .. 1	xs:sequence
1 .. 99	**DangerousGoodsInformation**
1 .. 1	xs:sequence
0 .. 1	**IMDGAmendment**
0 .. 1	**IMDGClass**
1 .. 1	**UNNumber**
0 .. 1	**EmergencyProcedure**
1 .. 1	xs:sequence
0 .. 1	**FireSchedule**
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**
0 .. 1	**LimitedQuantityIndicator**
0 .. 1	**ExceptedQuantityIndicator**
0 .. 1	**PackingGroup**
0 .. 1	**Properties**
0 .. 1	**WaterHazardClass**
0 .. 1	**PropperShippingName**
0 .. 1	**TechnicalName**
0 .. 1	**GGVSAndADRInformation**
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**

Ocurrence	Element/Attribute
	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	**PackageId**
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**

Ocurrence	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	**ProcedureTransference**
required	*Type*
1 .. 1	xs:sequence
1 .. 99	**GoodsReference**
1 .. 1	xs:sequence
1 .. 1	Reference
1 .. 1	PositionNumber
1 .. 1	NumberOfPackages
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	PackageId
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	PackageId
0 .. 1	**DangerousGoodsInformations**
1 .. 1	xs:sequence

Ocurrence	Element/Attribute
1 .. 99	**DangerousGoodsInformation**
1 .. 1	xs:sequence
0 .. 1	**IMDGAmendment**
0 .. 1	**IMDGClass**
1 .. 1	**UNNumber**
0 .. 1	**EmergencyProcedure**
1 .. 1	xs:sequence
0 .. 1	**FireSchedule**
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**
0 .. 1	**LimitedQuantityIndicator**
0 .. 1	**ExceptedQuantityIndicator**
0 .. 1	**PackingGroup**
0 .. 1	**Properties**
0 .. 1	**WaterHazardClass**
0 .. 1	**PropperShippingName**
0 .. 1	**TechnicalName**
0 .. 1	**GGVSAndADRInformation**
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**
	xs:sequence

Ocurrence	Element/Attribute
1 .. 1	
0 .. 1	**Single**
	unit
0 .. 1	**Total**
	unit
0 .. 1	**Containers**
1 .. 1	xs:sequence
1 .. 999	**Container**
1 .. 1	xs:sequence
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	**WKSProcedure**
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	Occurence	1 .. 1
Transaction	Occurence	1 .. 1
	Type	TransactionType
xs:sequence	Occurence	1 .. 1
IOPartner	Occurence	1 .. 1
	Type	an..4
	Length	.. 4
	Description	DAKOSY participant code
IOReference	Occurence	1 .. 1
	Type	an..35
	Length	.. 35
	Description	Unique and unambiguous transaction identification reference
IODateTime	Occurence	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	Occurence	1 .. 1
	Type	an..12
	Length	.. 12
	Description	Used message version
TestIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Description	Test indicator - Indicates whether or not the message is a test message. If the element ist not specified or specified as "false", it is about a production message.
Message	Occurence	1 .. 1
	Type	MessageType
xs:sequence	Occurence	1 .. 1
Header	Occurence	1 .. 1
	Type	HeaderType
xs:sequence	Occurence	1 .. 1
Type	Occurence	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	Occurence	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	Occurence	1 .. 1
	Type	LocationsType
	Description	This segment summarizes information concerning the shipment route.
xs:sequence	Occurence	1 .. 1

Element/Attribute	Annotation
Location	Occurence 1 .. 2 Type LocationType Description A location within the shipment route.
xs:sequence	Occurence 1 .. 1
LocationType	Occurence 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 **Applicable Codes** **FD** Final destination **POD** Port of discharge
Code	Occurence 0 .. 1 Type an5 Description UN-Locode Mapping 025/097/098
Name	Occurence 0 .. 1 Type an..35 Length .. 35 Description Name of location Mapping 024/026
References	Occurence 1 .. 1 Type ReferencesType
xs:sequence	Occurence 1 .. 1
BookingNumber	Occurence 0 .. 1 Type an..20 Length .. 20 Description Booking number Mapping Field 062
ForwarderReference	Occurence 1 .. 1 Type an..16 Length .. 16 Description Reference number of forwarder Mapping Reference sentence/reference number
BillOfLadingNumber	Occurence 0 .. 1 Type an..10 Length .. 10 Mapping 052 Description BL number
Participants	Occurence 1 .. 1 Type ParticipantsType Description This element summarizes information concerning the different process participants.
xs:sequence	Occurence 1 .. 1
Participant	Occurence 1 .. 999 Type ParticipantType Description This segment summarizes information concerning one process participant at a time.
xs:sequence	Occurence 1 .. 1
ParticipantType	Occurence 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 =

Element/Attribute	Annotation
	EORINumber 173
	Applicable Codes
	AGENT Shipping agent
	ISSUER Issuer
	PARTY_PAYING Party commiting to payment
	WAREHOUSE Warehouse
	WKS_CARRIER Carrier
DakosyCode	Occurence 0 .. 1 Type an..4 Length .. 4 Mapping M**/V**/K**/031/011 Description DAKOSY participant code
Identification	Occurence 0 .. 1 Type IdentificationType Description Identification of participant via EORI and branch number
xs:sequence	Occurence 1 .. 1
EORINumber	Occurence 1 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number Mapping 040(1-17)
BranchNumber	Occurence 1 .. 1 Type an4 Pattern \d{4} Description Branch number, set to 0000 if not registered. Mapping 040(18-21)
Name	Occurence 0 .. 1 Type an..40 Length .. 40 Mapping 007/012/016 Description Name of participant
QuayAccountNumber	Occurence 0 .. 1 Type an..6 Length .. 6 Mapping 009/013/017 Description Quai account number of participant
CustomerReference	Occurence 0 .. 1 Type an..16 Length .. 16 Mapping 014/018 Description Individual position number of participant
Contact	Occurence 0 .. 1 Type ContactType Description Information of contact person (name, email, fax number and phone number)
xs:sequence	Occurence 1 .. 1
Name	Occurence 1 .. 1 Type an..40 Length .. 40 Mapping 010 Description Name of contact person
EMail	Occurence 1 .. 1 Type an..100 Length .. 100 Mapping 032 Description Email address of contact person
FAX	Occurence 0 .. 1 Type an..40 Length .. 40 Mapping 036

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

Element/Attribute	Annotation	
xs:sequence	Occurence	1 .. 1
TypeOfService	Occurence	1 .. 5
	Type	typeOfServiceCode
	Description	Service/order type
	Mapping	049
	Applicable Codes	
	480	Labelling
	490	Re-labelling
	500	Sorting
	510	Putting aside and releasing of goods for arbitrage purposes. Upon release third copy is returned.
	520	Maintenance and repair
	530	Counting
	540	Measuring (only for LCL)
	550	Sampling
	560	Surveillance
	570	Assessing content/condition
	580	Pack/unpack containers
	590	Weighing
	591	Weigh individually
	592	Weigh in trays
	593	Weigh in batches
	594	Weigh with mechanical handling equipment
	595	Weigh without mechanical handling equipment
	596	Classification (determine tara)
	999	Other
Delivery	Occurence	0 .. 1
	Type	DeliveryType
	Description	This segment provides information concerning the delivery.
xs:sequence	Occurence	1 .. 1
VehicleIdentification	Occurence	0 .. 1
	Type	an..13
	Length	.. 13
	Mapping	044
	Description	Wagon/truck number plate
MeansOfTransport	Occurence	0 .. 1
	Type	meansOfTransportCode
	Description	Code of means of transport
	Mapping	051
	Applicable Codes	
	AB	Outboard
	AN	Other
	BS	Inland vessel
	FE	Feeder
	LK	Truck
	SC	Barge
	SS	Seagoing/Ocean vessel
	TL	Trailer
	UN	Unknown
	WG	Waggon
DeliveryTo	Occurence	0 .. 1
	Type	an..30
	Length	.. 30
	Mapping	055
	Description	At the disposal/delivery of the company
AdditionalRemarks	Occurence	0 .. 1
	Type	an..4lines
	Pattern	([^\r\n]{1,72}(\r?\n)?){1,4}
	Description	Additional information - remarks etc. Specification of 1-4 columns with each max. 72 characters
	Mapping	030

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

Element/Attribute	Annotation	
	Applicable Codes	
	TRANSPORT	
Type	Occurence	1 .. 1
	Type	documentTypeCode
	Description	Document type - Type of Transport Document coded according to ATLAS code list I0943
	Mapping	174(1-4)
	Applicable Codes	
	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
ReferenceNumber	Occurence	1 .. 1
	Type	an..70
	Length	.. 70
	Description	Reference number
	Mapping	174(5-74)
GoodsItems	Occurence	1 .. 1
	Type	GoodsItemsType
	Description	All packages of this shipment
xs:sequence	Occurence	1 .. 1
GoodsItem	Occurence	1 .. 999
	Type	GoodsItemType
	Description	A package (goods item) line
xs:sequence	Occurence	1 .. 1
GoodsItemId	Occurence	1 .. 1
	Type	an..35
	Length	.. 35
	Description	Unique and unambiguous goods item identification number within a message
DetailInformation	Occurence	1 .. 1
	Type	GoodsDetailInformationType
	Description	Different detail information regarding the package (goods item)
xs:sequence	Occurence	1 .. 1
NumberOfPackages	Occurence	1 .. 1
	Type	n..6
	FractionDigits	0
	TotalDigits	6
	Pattern	\d{1,6}
	Mapping	B27
	Description	Number of packages
PackingCode	Occurence	1 .. 1
	Type	an2
	Mapping	C27
	Description	Packing code. DAKOSY container packaging codes (C2,

Element/Attribute	Annotation
	H4) should no longer be used. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf
GrossWeight	Occurence 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.
unit	Type weightUnitCode Description Unit of measurement of the weight **Applicable Codes** **KGM** Kilogramm
NetWeight	Occurence 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.
unit	Type weightUnitCode Description Unit of measurement of the weight **Applicable Codes** **KGM** Kilogramm
MarksAndNumbers	Occurence 0 .. 1 Type an..1024 Length .. 1024 Mapping A27 + H27 Description Marks and numbers
GoodsDescription	Occurence 0 .. 1 Type an..1024 Length .. 1024 Description Goods description
MeansOfTransportID	Occurence 0 .. 1 Type an..13 Length .. 13 Mapping F27 Description Means of transport indicator
Remarks	Occurence 0 .. 1 Type an..1024 Length .. 1024 Remark G27 Description Remarks
ContainerReferences	Occurence 0 .. 1 Type ContainerReferencesType
xs:sequence	Occurence 1 .. 1
ContainerReference	Occurence 1 .. 999 Type ContainerReferenceType
xs:sequence	Occurence 1 .. 1
ContainerNumber	Occurence 1 .. 1 Type an..12 Length .. 12 Description Container number
VehicleInformation	Occurence 0 .. 1 Type VehicleInformationType Description Information to a vehicle
xs:sequence	Occurence 1 .. 1

Element/Attribute	Annotation	
ChassisNumber	Occurence	0 .. 1
	Type	chassisNumberType
	Length	.. 17
	Pattern	[^ioOI]{1,17}
	Mapping	092
	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).
EquipmentIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	167(Z)
	Description	Indicates whether it is vehicle loading equipment. true = yes, ChassisNumber must be filled, false or not available = no.
AdditionalCargoIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	167(B)
	Description	Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.
CustomsInformation	Occurence	0 .. 1
	Type	CustomsInformationType
	Description	Information concerning the customs procedure
xs:sequence	Occurence	1 .. 1
EXSPositionNumber	Occurence	0 .. 1
	Type	n..2
	FractionDigits	0
	TotalDigits	2
	Inclusive	1 ..
	Pattern	\d{1,2}
	Mapping	130
	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).
CountryOfDeparture	Occurence	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).
CountryOfDestination	Occurence	0 .. 1
	Type	an2
	Mapping	117
	Description	Country of destination - Not permitted in case of declaration type AES.
Participants	Occurence	0 .. 1
	Type	CustomsParticipantsType
	Description	Participants involved in the customs process
xs:sequence	Occurence	1 .. 1
Participant	Occurence	1 .. 999
	Type	CustomsParticipantType
	Description	An involved participant
xs:sequence	Occurence	1 .. 1
ParticipantType	Occurence	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

Element/Attribute	Annotation	
		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	Occurence	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).
BranchNumber	Occurence	0 .. 1
	Type	an4
	Pattern	\d{4}
	Description	Branch number
Name	Occurence	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
Address	Occurence	0 .. 1
	Type	AddressType
	Name	Address specification
xs:sequence	Occurence	1 .. 1
Line	Occurence	1 .. 4
	Type	an..35
	Length	.. 35
	Description	Address specification
Commodity	Occurence	0 .. 1
	Type	CommodityType
	Description	Commodity description
xs:sequence	Occurence	1 .. 1
Code	Occurence	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.
Description	Occurence	0 .. 1
	Type	an..176
	Length	.. 176
	Mapping	132
	Description	Goods description
SpecialComments	Occurence	0 .. 1
	Type	an..225
	Length	.. 225
	Mapping	136
	Description	Special comments - Documents, certificates, approvals submitted.

Element/Attribute	Annotation	
ProcedureCode	Occurence	0 .. 1
	Type	procedureCodeType
	FractionDigits	0
	TotalDigits	4
	Pattern	([1-3]\d{3}|9[5-9]\d{2})
	Mapping	146
	Description	Procedure code - valid values are 1000 until 3999 and 9500 until 9999
OtherExemptionIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	147
	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.
LimitedValueShipmentIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	148
	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.
CustomsReferences	Occurence	0 .. 1
	Type	CustomsReferencesType
	Description	Customs references
xs:sequence	Occurence	1 .. 1
ATBNumber	Occurence	0 .. 1
	Type	atbNumberType
	Length	18 .. 21
	Pattern	AT[A-Z]\d{18}|\d{2}[A-Z]{2}[A-Z0-9]{14}
	Mapping	152
	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.
SecurityDeclaration	Occurence	0 .. 1
	Type	SecurityDeclarationType
	Description	Instructions for lodging the summary exit declaration.
xs:sequence	Occurence	1 .. 1
Reason	Occurence	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)
	Applicable Codes	
	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
ExemptionReason	Occurence	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/

Element/Attribute	Annotation	
		loesungen/cargo-communications/port-community-system/zollabwicklung-seehafen/#c2800
	Mapping	154(1)
	Applicable Codes	
	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
ReferenceType	Occurence	0 .. 1
	Type	referenceTypeCode
	Description	Reference type
	Mapping	153(20)
	Applicable Codes	
	AUSFALL	Reference/number of master ticket of outage procedure
	MRN	MRN
Reference	Occurence	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".
TransitMRN	Occurence	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).
ExportMRN	Occurence	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.
EXSMRNs	Occurence	0 .. 1
	Type	EXSMRNsType
	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	Occurence	1 .. 1
MRN	Occurence	1 .. 999
	Type	mrnType
	Pattern	\d{2}[A-Z]{2}[A-Z\d]{14}
	Description	Master reference number (previously movement reference number)

Element/Attribute	Annotation	
	Mapping	New for declaration type DUX with MRN
ProcedureTransference	Occurence	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	Occurence	1 .. 1
GoodsReference	Occurence	1 .. 99
	Type	GoodsReferenceType
	Description	Goods reference
xs:sequence	Occurence	1 .. 1
Reference	Occurence	1 .. 1
	Type	an..21
	Length	18 .. 21
	Description	Reference (MRN or REG)
	Mapping	176(7-27)
PositionNumber	Occurence	1 .. 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	Occurence	1 .. 1
	Type	n..5
	FractionDigits	0
	TotalDigits	5
	Inclusive	1 ..
	Pattern	\d{1,5}
	Mapping	176(32-36)
	Description	Number of packages
AESMRNs	Occurence	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	Occurence	1 .. 1
MRN	Occurence	1 .. 999
	Type	AESMRNType
	Description	Data to a MRN
xs:sequence	Occurence	1 .. 1
Reference	Occurence	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	Occurence	1 .. 1
	Type	xs:boolean

Element/Attribute	Annotation	
	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	Occurence	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
PackageId	Occurence	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	Occurence	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	Occurence	0 .. 1
	Type	AESLRNsType
	Description	Mandatory if the LRN must be specified in the one-stage AES procedure.
xs:sequence	Occurence	1 .. 1
LRN	Occurence	1 .. 999
	Type	AESLRNType
	Description	Data to a local reference number
xs:sequence	Occurence	1 .. 1
Reference	Occurence	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	Occurence	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.

Element/Attribute	Annotation
Position	Occurence 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
PackageId	Occurence 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.
DangerousGoodsInformations	Occurence 0 .. 1 Type DangerousGoodsInformationsType 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.
xs:sequence	Occurence 1 .. 1
DangerousGoodsInformation	Occurence 1 .. 99 Type DangerousGoodsInformationType Description Dangerous goods information
xs:sequence	Occurence 1 .. 1
IMDGAmendment	Occurence 0 .. 1 Type an..10 Length .. 10 Mapping 090 Description Amendment of IMDG code where the dangerous goods information refer to
IMDGClass	Occurence 0 .. 1 Type an..4 Length .. 4 Mapping 063 Description IMDG class - check against the IMDG code as well as compatibility assessment with UN number
UNNumber	Occurence 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.
EmergencyProcedure	Occurence 0 .. 1 Type EmergencyProcedureType
xs:sequence	Occurence 1 .. 1
FireSchedule	Occurence 0 .. 1 Type fireScheduleType Pattern F-[A-J] Mapping 065 Description Accident leaflets for fire (emergency procedure)
SpillageSchedule	Occurence 0 .. 1 Type spillageScheduleType Pattern S-[A-Z] Mapping 065 Description Accident leaflets for leakage (emergency procedure)

Element/Attribute	Annotation	
FlashPoint	Occurence	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 lable = 3
unit	Type	temperatureUnitCode
	Description	Unit of temperature
	Applicable Codes	
	CEL	Celsius
Label	Occurence	0 .. 1
	Type	DGLabelType
	Description	Label
xs:sequence	Occurence	1 .. 1
Code	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Description	Code
	Mapping	068(1-4)
FirstAdditionalLabel	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Description	First additional label
	Mapping	068(5-8)
SecondAdditionalLabel	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Description	Second additional label
	Mapping	068(9-12)
MarinePollutantIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Description	Indicator marine pollutant
	Mapping	068(13-14)
LimitedQuantityIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	069
	Description	Indicator limited quantity
ExceptedQuantityIndicator	Occurence	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	Occurence	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	Occurence	0 .. 1
	Type	an..216
	Length	.. 216
	Mapping	074
	Description	Properties/remarks
WaterHazardClass	Occurence	0 .. 1
	Type	waterHazardClassCode
	Description	WGK code, water hazard class - coding: 0/1/2/3

Element/Attribute	Annotation	
	Mapping	075
	Applicable Codes	
	0	not assigned
	1	low water hazard material
	2	water hazard material
	3	high water hazard material
PropperShippingName	Occurence	0 .. 1
	Type	an..72
	Length	.. 72
	Mapping	076
	Description	Propper technical term - Propper technical shipping term according to IMDG code
TechnicalName	Occurence	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.
GGVSAndADRInformation	Occurence	0 .. 1
	Type	DGGGVSAndADRInformationType
	Description	GGVS/ADR specifications - Specifications referring to the dangerous goods regulations street
xs:sequence	Occurence	1 .. 1
Class	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Mapping	078(1-4)
	Description	Class
Figure	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Mapping	078(5-8)
	Description	Number
ExplosiveInformation	Occurence	0 .. 1
	Type	DGExplosiveInformationType
	Description	Extended information in case of explosive dangerous goods
xs:sequence	Occurence	1 .. 1
Stowage	Occurence	0 .. 1
	Type	an..3
	Length	.. 3
	Mapping	070
	Description	Stowage method (acc. to 27. Amdt. IMDG code)
CompatibilityGroup	Occurence	0 .. 1
	Type	an1
	Mapping	083
	Description	Compatibility group
PowderWeight	Occurence	0 .. 1
	Type	Weight7.3Type
	FractionDigits	3
	TotalDigits	10
	Pattern	\d{1,7}(\.\d{1,3})?
	Mapping	086
	Description	Net powder weight
unit	Type	weightUnitCode
	Description	Unit of measurement of the weight
	Applicable Codes	
	KGM	Kilogramm
RadioactivityInformation	Occurence	0 .. 1
	Type	DGRadioactivityInformationType
	Description	Extended information in case of radioactive dangerous goods
xs:sequence	Occurence	1 .. 1

Element/Attribute	Annotation	
Activity	Occurence	1 .. 1
	Type	ActivityType
	Length	.. 4
	Mapping	084
	Description	Activity
unit	Type	radioactiveActivityUnitCode
	Description	Unit of activity
	Applicable Codes	
	2Q	Kilobecquerel
	4N	Megabecquerel
	BQ	Becquerel (Deprecated!)
	BQL	Becquerel
	GBQ	Gigabecquerel
	KBQ	Kilobecquerel (Deprecated!)
	MBQ	Megabecquerel (Deprecated!)
	PBQ	Petabecquerel
	TBQ	Terabecquerel
Category	Occurence	1 .. 1
	Type	an..4
	Length	.. 4
	Mapping	085
	Description	Category
TransportCode	Occurence	1 .. 1
	Type	an..3
	Length	.. 3
	Mapping	088
	Description	Transport code (not required in case of sheet number 01-04)
PackingType	Occurence	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!)
	TYPA	Type A Package (Deprecated!)
	TYPB	Type B(U) Package (Deprecated!)
	TYPC	Type C Package (Deprecated!)
	TYPM	Type B(M) Package (Deprecated!)
Dimensions	Occurence	0 .. 1
	Type	DimensionsType
	Mapping	047
	Description	Dimensions forwarding agency
xs:sequence	Occurence	1 .. 1
Dimension	Occurence	1 .. 999
	Type	DimensionType
	Mapping	047
	Description	Dimensions forwarding agency
xs:sequence	Occurence	1 .. 1

Element/Attribute	Annotation
Count	Occurence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Mapping 047(4-7) Description Number
Size	Occurence 0 .. 1 Type SizeType Description Length specifications
xs:sequence	Occurence 1 .. 1
Length	Occurence 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	Occurence 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	Occurence 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	Occurence 0 .. 1 Type VolumeType Description Measurements volume
xs:sequence	Occurence 1 .. 1
Single	Occurence 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

Element/Attribute	Annotation	
Total	Occurence	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
Packages	Occurence	0 .. 1
	Type	PackagesType
	Description	All positions to a package line
xs:sequence	Occurence	1 .. 1
Package	Occurence	1 .. 999
	Type	PackageType
	Description	A position to a goods item
xs:sequence	Occurence	1 .. 1
PackageId	Occurence	1 .. 1
	Type	an..35
	Length	.. 35
	Description	A unique and unambiguous package identification number
DetailInformation	Occurence	1 .. 1
	Type	GoodsDetailInformationType
	Description	Several detail information to goods item
xs:sequence	Occurence	1 .. 1
NumberOfPackages	Occurence	1 .. 1
	Type	n..6
	FractionDigits	0
	TotalDigits	6
	Pattern	\d{1,6}
	Mapping	B27
	Description	Number of packages
PackingCode	Occurence	1 .. 1
	Type	an2
	Mapping	C27
	Description	Packing code. DAKOSY container packaging codes (C2, H4) should no longer be used. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf
GrossWeight	Occurence	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.
unit	Type	weightUnitCode
	Description	Unit of measurement of the weight
	Applicable Codes	
	KGM	Kilogramm
NetWeight	Occurence	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

Element/Attribute	Annotation	
		the mass of the goods without all enclosures.
unit	Type	weightUnitCode
	Description	Unit of measurement of the weight
	Applicable Codes	
	KGM	Kilogramm
MarksAndNumbers	Occurence	0 .. 1
	Type	an..1024
	Length	.. 1024
	Mapping	A27 + H27
	Description	Marks and numbers
GoodsDescription	Occurence	0 .. 1
	Type	an..1024
	Length	.. 1024
	Description	Goods description
MeansOfTransportID	Occurence	0 .. 1
	Type	an..13
	Length	.. 13
	Mapping	F27
	Description	Means of transport indicator
Remarks	Occurence	0 .. 1
	Type	an..1024
	Length	.. 1024
	Remark	G27
	Description	Remarks
VehicleInformation	Occurence	0 .. 1
	Type	VehicleInformationType
	Description	Information to a vehicle
xs:sequence	Occurence	1 .. 1
ChassisNumber	Occurence	0 .. 1
	Type	chassisNumberType
	Length	.. 17
	Pattern	[^ioOI]{1,17}
	Mapping	092
	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).
EquipmentIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	167(Z)
	Description	Indicates whether it is vehicle loading equipment. true = yes, ChassisNumber must be filled, false or not available = no.
AdditionalCargoIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	167(B)
	Description	Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.
CustomsInformation	Occurence	0 .. 1
	Type	CustomsInformationPackageType
	Description	Information to customs procedure
xs:sequence	Occurence	1 .. 1
EXSPositionNumber	Occurence	0 .. 1
	Type	n..2
	FractionDigits	0
	TotalDigits	2
	Inclusive	1 ..
	Pattern	\d{1,2}
	Mapping	130
	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).

Element/Attribute	Annotation	
CountryOfDeparture	Occurence	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).
CountryOfDestination	Occurence	0 .. 1
	Type	an2
	Mapping	117
	Description	Country of destination - Not permitted in case of declaration type AES.
Participants	Occurence	0 .. 1
	Type	CustomsParticipantsType
	Description	Participants involved in the customs process
xs:sequence	Occurence	1 .. 1
Participant	Occurence	1 .. 999
	Type	CustomsParticipantType
	Description	An involved participant
xs:sequence	Occurence	1 .. 1
ParticipantType	Occurence	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
	Applicable Codes	
	CONSIGNEE	Consignee
	DECLARANT	Declarant
	EXPORTER	Exporter
	REPRESENTING_COMPANY	Representing company
EORINumber	Occurence	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).
BranchNumber	Occurence	0 .. 1
	Type	an4
	Pattern	\d{4}
	Description	Branch number
Name	Occurence	0 .. 1
	Type	an..40
	Length	.. 40
	Description	Name
	Mapping	112/121 (alternatively to ParticipantsName) 106/155
Address	Occurence	0 .. 1
	Type	AddressType

Element/Attribute	Annotation	
	Name	Address specification
xs:sequence	Occurence	1 .. 1
Line	Occurence	1 .. 4
	Type	an..35
	Length	.. 35
	Description	Address specification
Commodity	Occurence	0 .. 1
	Type	CommodityType
	Description	Commodity description
xs:sequence	Occurence	1 .. 1
Code	Occurence	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.
Description	Occurence	0 .. 1
	Type	an..176
	Length	.. 176
	Mapping	132
	Description	Goods description
SpecialComments	Occurence	0 .. 1
	Type	an..225
	Length	.. 225
	Mapping	136
	Description	Special comments - Documents, certificates, approvals submitted.
ProcedureCode	Occurence	0 .. 1
	Type	procedureCodeType
	FractionDigits	0
	TotalDigits	4
	Pattern	([1-3]\d{3}|9[5-9]\d{2})
	Mapping	146
	Description	Procedure code - valid values are 1000 until 3999 and 9500 until 9999
OtherExemptionIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	147
	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.
LimitedValueShipmentIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	148
	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.
CustomsReferences	Occurence	0 .. 1
	Type	CustomsReferencesPackageType
	Description	Customs references
xs:sequence	Occurence	1 .. 1
ATBNumber	Occurence	0 .. 1
	Type	atbNumberType
	Length	18 .. 21
	Pattern	AT[A-Z]\d{18}|\d{2}[A-Z]{2}[A-Z0-9]{14}
	Mapping	152
	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

Element/Attribute	Annotation	
		declaration") must be specified.
SecurityDeclaration	Occurence	0 .. 1
	Type	SecurityDeclarationType
	Description	Instructions for lodging the summary exit declaration.
xs:sequence	Occurence	1 .. 1
Reason	Occurence	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)
	Applicable Codes	
	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
ExemptionReason	Occurence	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)
	Applicable Codes	
	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
ReferenceType	Occurence	0 .. 1
	Type	referenceTypeCode
	Description	Reference type
	Mapping	153(20)
	Applicable Codes	
	AUSFALL	Reference/number of master ticket of outage procedure
	MRN	MRN
Reference	Occurence	0 .. 1
	Type	an..18
	Length	.. 18
	Mapping	153(2-19)

Element/Attribute	Annotation	
	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".
TransitMRN	Occurence Type Pattern Mapping Description	0 .. 1 mrnType \d{2}[A-Z]{2}[A-Z\d]{14} 120 MRN number of shipment - shipping label number / MRN number of the shipment (not to be confused with the MRN of the export procedure).
ExportMRN	Occurence Type Pattern Mapping Description	0 .. 1 mrnType \d{2}[A-Z]{2}[A-Z\d]{14} 151 Number of export declaration. Mandatory in case of declaration type AUS.
EXSMRNs	Occurence Type Description	0 .. 1 EXSMRNsType 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	Occurence	1 .. 1
MRN	Occurence Type Pattern Description Mapping	1 .. 999 mrnType \d{2}[A-Z]{2}[A-Z\d]{14} Master reference number (previously movement reference number) New for declaration type DUX with MRN
ProcedureTransference	Occurence Type Description Mapping	0 .. 1 ProcedureTransferenceType Procedure transference references. This information is only required at this point if the packages are to be regarded as goods items. For example, if the enclosing GoodsItem does not describe goods but rather a container with a DAKOSY container packaging code (e.g. C2, H4). Specifying a container as a GoodsItem is strongly discouraged. 176
Type	Type Use Description Mapping **Applicable Codes** **MRN** **REG**	procedureTransferenceTypeCode required Type of procedure transference reference 176(4-6) MRN-/Positionsnummer-bezogene Identifikation Registriernummer-/Positionsnummer-bezogene Identifikation
xs:sequence	Occurence	1 .. 1
GoodsReference	Occurence Type Description	1 .. 99 GoodsReferenceType Goods reference
xs:sequence	Occurence	1 .. 1
Reference	Occurence Type Length Description Mapping	1 .. 1 an..21 18 .. 21 Reference (MRN or REG) 176(7-27)
PositionNumber	Occurence Type FractionDigits TotalDigits Inclusive Pattern	1 .. 1 n..4 0 4 1 .. \d{1,4}

Element/Attribute	Annotation	
	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	Occurence	1 .. 1
	Type	n..5
	FractionDigits	0
	TotalDigits	5
	Inclusive	1 ..
	Pattern	\d{1,5}
	Mapping	176(32-36)
	Description	Number of packages
AESMRNs	Occurence	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	Occurence	1 .. 1
MRN	Occurence	1 .. 999
	Type	AESMRNType
	Description	Data to a MRN
xs:sequence	Occurence	1 .. 1
Reference	Occurence	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	Occurence	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	Occurence	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
PackageId	Occurence	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	Occurence	0 .. 1
	Type	xs:boolean

Element/Attribute	Annotation	
	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	Occurence	0 .. 1
	Type	AESLRNsType
	Description	Mandatory if the LRN must be specified in the one-stage AES procedure.
xs:sequence	Occurence	1 .. 1
LRN	Occurence	1 .. 999
	Type	AESLRNType
	Description	Data to a local reference number
xs:sequence	Occurence	1 .. 1
Reference	Occurence	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	Occurence	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.
Position	Occurence	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
PackageId	Occurence	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.
DangerousGoodsInformations	Occurence	0 .. 1
	Type	DangerousGoodsInformationsType
	Description	Dangerous goods informations
xs:sequence	Occurence	1 .. 1
DangerousGoodsInformation	Occurence	1 .. 99
	Type	DangerousGoodsInformationType
	Description	Dangerous goods information
xs:sequence	Occurence	1 .. 1
IMDGAmendment	Occurence	0 .. 1
	Type	an..10
	Length	.. 10
	Mapping	090
	Description	Amendment of IMDG code where the dangerous goods information refer to

Element/Attribute	Annotation	
IMDGClass	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Mapping	063
	Description	IMDG class - check against the IMDG code as well as compatibility assessment with UN number
UNNumber	Occurence	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.
EmergencyProcedure	Occurence	0 .. 1
	Type	EmergencyProcedureType
xs:sequence	Occurence	1 .. 1
FireSchedule	Occurence	0 .. 1
	Type	fireScheduleType
	Pattern	F-[A-J]
	Mapping	065
	Description	Accident leaflets for fire (emergency procedure)
SpillageSchedule	Occurence	0 .. 1
	Type	spillageScheduleType
	Pattern	S-[A-Z]
	Mapping	065
	Description	Accident leaflets for leakage (emergency procedure)
FlashPoint	Occurence	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 lable = 3
unit	Type	temperatureUnitCode
	Description	Unit of temperature
	Applicable Codes	
	CEL	Celsius
Label	Occurence	0 .. 1
	Type	DGLabelType
	Description	Label
xs:sequence	Occurence	1 .. 1
Code	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Description	Code
	Mapping	068(1-4)
FirstAdditionalLabel	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Description	First additional label
	Mapping	068(5-8)
SecondAdditionalLabel	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Description	Second additional label
	Mapping	068(9-12)
MarinePollutantIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Description	Indicator marine pollutant
	Mapping	068(13-14)
LimitedQuantityIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	069

Element/Attribute	Annotation	
	Description	Indicator limited quantity
ExceptedQuantityIndicator	Occurence	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	Occurence	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 ProppperShippingName: 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	Occurence	0 .. 1
	Type	an..216
	Length	.. 216
	Mapping	074
	Description	Properties/remarks
WaterHazardClass	Occurence	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
ProppperShippingName	Occurence	0 .. 1
	Type	an..72
	Length	.. 72
	Mapping	076
	Description	Propper technical term - Propper technical shipping term according to IMDG code
TechnicalName	Occurence	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.
GGVSAndADRInformation	Occurence	0 .. 1
	Type	DGGGVSAndADRInformationType
	Description	GGVS/ADR specifications - Specifications referring to the dangerous goods regulations street
xs:sequence	Occurence	1 .. 1
Class	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Mapping	078(1-4)
	Description	Class
Figure	Occurence	0 .. 1
	Type	an..4
	Length	.. 4
	Mapping	078(5-8)
	Description	Number
ExplosiveInformation	Occurence	0 .. 1
	Type	DGExplosiveInformationType
	Description	Extended information in case of explosive dangerous goods

Element/Attribute	Annotation	
xs:sequence	Occurence	1 .. 1
Stowage	Occurence	0 .. 1
	Type	an..3
	Length	.. 3
	Mapping	070
	Description	Stowage method (acc. to 27. Amdt. IMDG code)
CompatibilityGroup	Occurence	0 .. 1
	Type	an1
	Mapping	083
	Description	Compatibility group
PowderWeight	Occurence	0 .. 1
	Type	Weight7.3Type
	FractionDigits	3
	TotalDigits	10
	Pattern	\d{1,7}(\.\d{1,3})?
	Mapping	086
	Description	Net powder weight
unit	Type	weightUnitCode
	Description	Unit of measurement of the weight
	Applicable Codes	
	KGM	Kilogramm
RadioactivityInformation	Occurence	0 .. 1
	Type	DGRadioactivityInformationType
	Description	Extended information in case of radioactive dangerous goods
xs:sequence	Occurence	1 .. 1
Activity	Occurence	1 .. 1
	Type	ActivityType
	Length	.. 4
	Mapping	084
	Description	Activity
unit	Type	radioactiveActivityUnitCode
	Description	Unit of activity
	Applicable Codes	
	2Q	Kilobecquerel
	4N	Megabecquerel
	BQ	Becquerel (Deprecated!)
	BQL	Becquerel
	GBQ	Gigabecquerel
	KBQ	Kilobecquerel (Deprecated!)
	MBQ	Megabecquerel (Deprecated!)
	PBQ	Petabecquerel
	TBQ	Terabecquerel
Category	Occurence	1 .. 1
	Type	an..4
	Length	.. 4
	Mapping	085
	Description	Category
TransportCode	Occurence	1 .. 1
	Type	an..3
	Length	.. 3
	Mapping	088
	Description	Transport code (not required in case of sheet number 01-04)
PackingType	Occurence	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

Element/Attribute	Annotation
	Applicable Codes **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!) **TYPA** Type A Package (Deprecated!) **TYPB** Type B(U) Package (Deprecated!) **TYPC** Type C Package (Deprecated!) **TYPM** Type B(M) Package (Deprecated!)
Dimensions	Occurence 0 .. 1 Type DimensionsType Mapping 047 Description Measurements forwarding agency
xs:sequence	Occurence 1 .. 1
Dimension	Occurence 1 .. 999 Type DimensionType Mapping 047 Description Dimensions forwarding agency
xs:sequence	Occurence 1 .. 1
Count	Occurence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Mapping 047(4-7) Description Number
Size	Occurence 0 .. 1 Type SizeType Description Length specifications
xs:sequence	Occurence 1 .. 1
Length	Occurence 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	Occurence 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

Element/Attribute	Annotation	
Height	Occurence	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	Occurence	0 .. 1
	Type	VolumeType
	Description	Measurements volume
xs:sequence	Occurence	1 .. 1
Single	Occurence	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	Occurence	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
Containers	Occurence	0 .. 1
	Type	ContainersType
	Description	This element summarizes information to all containers of a batch.
xs:sequence	Occurence	1 .. 1
Container	Occurence	1 .. 999
	Type	ContainerType
	Description	Information about a container
xs:sequence	Occurence	1 .. 1
ContainerNumber	Occurence	1 .. 1
	Type	an..12
	Length	.. 12
	Mapping	028(4-15)
	Description	Container number
NonIsoContainerIndicator	Occurence	0 .. 1
	Type	xs:boolean
	Mapping	028(16)
	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
Seal	Occurence	0 .. 1
	Type	an..11
	Length	.. 11
	Mapping	028(18-28)
	Description	Seal number

Element/Attribute	Annotation
SizeType	Occurence 1 .. 1 Type an..4 Length .. 4 Mapping 028(29-32) Description Container size and type code according to ISO6346
TemperatureRange	Occurence 0 .. 1 Type TemperatureRangeType Description Temperature range
xs:sequence	Occurence 1 .. 1
Min	Occurence 0 .. 1 Type Temperature100Type FractionDigits 0 Inclusive -99 .. 99 Description Minimum temperature Mapping 093(4-6)
unit	Type temperatureUnitCode Description Unit of temperature **Applicable Codes** **CEL** Celsius
Max	Occurence 0 .. 1 Type Temperature100Type FractionDigits 0 Inclusive -99 .. 99 Description Maximum temperature Mapping 094(4-6)
unit	Type temperatureUnitCode Description Unit of temperature **Applicable Codes** **CEL** Celsius
MRNOptions	Occurence 0 .. 1 Type MRNOptionsType Description Extended options concerning the specified MRN
xs:sequence	Occurence 1 .. 1
Reductions	Occurence 0 .. 1 Type ReductionsType Description All reductions referring to MRN's
xs:sequence	Occurence 1 .. 1
Reduction	Occurence 1 .. 999 Type ReductionType Description Reduction to a MRN
xs:sequence	Occurence 1 .. 1
ReductionType	Occurence 1 .. 1 Type reductionTypeCode Description Reduction type Mapping New **Applicable Codes** **COMPLETE_POSITION** Complete Position **GROSS_WEIGHT** Gross weight **NET_WEIGHT** Net weight
MRN	Occurence 1 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description Master reference number (previously movement reference number) Mapping 162 or 163 or 164 each depending on the reduction type (1-18)

Element/Attribute	Annotation
Position	Occurence 1 .. 1 Type n..3 FractionDigits 0 TotalDigits 3 Inclusive 1 .. Pattern \d{1,3} Mapping 162 or 163 or 164 each depending on the reduction type (19-21) 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.
ReducedNetWeight	Occurence 0 .. 1 Type Weight8.3Type FractionDigits 3 TotalDigits 11 Pattern \d{1,8}(\.\d{1,3})? Mapping 162 (22-32) Description Reduced net weight, mandatory in case of ReductionType NET_WEIGHT and GROSS_WEIGHT, empty in case of ReductionType COMPLETE_POSITION
unit	Type weightUnitCode Description Unit of measurement of the weight **Applicable Codes** **KGM** Kilogramm
ReducedGrossWeight	Occurence 0 .. 1 Type Weight8.3Type FractionDigits 3 TotalDigits 11 Pattern \d{1,8}(\.\d{1,3})? Mapping 163 (22-32) Description Reduced gross weight, mandatory in case of ReductionType GROSS_WEIGHT, empty in case of ReductionType COMPLETE_POSITION
unit	Type weightUnitCode Description Unit of measurement of the weight **Applicable Codes** **KGM** Kilogramm
ExitSummaryDeclarations	Occurence 0 .. 1 Type ExitSummaryDeclarationsType Description MRN of the summary exit declaration inclusive the date/ time of release
xs:sequence	Occurence 1 .. 1
ExitSummaryDeclaration	Occurence 1 .. 999 Type ExitSummaryDeclarationType 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“.
xs:sequence	Occurence 1 .. 1
MRN	Occurence 1 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Mapping 171 (1-18) Description Master reference number (previously movement reference number)
ReleaseDateTime	Occurence 1 .. 1 Type xs:dateTime Mapping 171 (19-32) 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

Element/Attribute	Annotation	
		shall not be permitted.
WKSProcedure	Occurence	1 .. 1
	Type	wksProcedureCode
	Description	WKS Procedure
	Applicable Codes	
	ASUMA	Exit Summary Declaration
	WAM	Re-Export Notice
EMPEnhancedData	Occurence	0 .. 1
	Type	EMPEnhancedDataType
	Description	Data enhanced by EMP. Element must not be sent by issuer.
xs:sequence	Occurence	1 .. 1
PortOrderReference	Occurence	0 .. 1
	Type	an12
	Description	Port order reference, assigned for this declaration
RequestDateTime	Occurence	1 .. 1
	Type	xs:dateTime
	Description	Date and time of request by the forwarder. ISO 8601 Coordinated Universal Time (UTC) or local time with offset to UTC.
ContainerizedIndicator	Occurence	1 .. 1
	Type	xs:boolean
	Description	Is this about containerized goods) (true = yes, false = no)
DangerousGoodsIndicator	Occurence	1 .. 1
	Type	xs:boolean
	Description	Is this a dangerous goods declaration? (true = yes, false = no)
PortOrderStatus	Occurence	0 .. 1
	Type	an..10
	Length	.. 10
	Description	State of port order reference. The field won't be transmitted from the forwarder to DAKOSY.
StatusDateTime	Occurence	0 .. 1
	Type	xs:dateTime
	Description	Date and time when the state of the port order has been assigned.