



# EMP

## Port Order XML – Declaration case „DUX without MRN“

Implementation manual  
Version 1.4.1.0/E

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## Change history

Version	Type of change	Changed by/ date	Checked by/ date
1.4.0.0/E	First valid version	24.10.2024	24.10.2024
1.4.1.0/E	<ul style="list-style-type: none"><li>Data type of branch number changed from integer to string</li><li>ExsPositionNumber now optional.</li></ul>	14.04.2026	14.04.2026

## Change requests

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## Used tools

Number	Used tools
W1	This document was created with <b>MS Word 2021</b> .

## 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 document describes the required and optional fields for the EMP declaration case „DUX without MRN“.

The declaration case „DUX without MRN“ is used to declare goods in transit in the Port of Hamburg for which DAKOSY then creates a summary exit declaration (ASumA) in ATLAS. The ASumA process, until the confirmation of export, is being carried out based on this declaration.

A XSD documentation is also available.

## 2 Message Structure

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

Ocurrence	Element/Attribute
1 .. 1	xs:sequence
0 .. 1	EstimatedShippingDate
0 .. 1	DakosyVoyageNumber
0 .. 1	CarrierSCACCode
0 .. 1	VoyageNumber
<b>0 .. 1</b>	<b>QuayOrderDetails</b>
1 .. 1	xs:sequence
<b>0 .. 1</b>	<b>Orders</b>
1 .. 1	xs:sequence
1 .. 5	TypeOfService
<b>0 .. 1</b>	<b>Delivery</b>
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
<b>1 .. 1</b>	<b>GoodsItems</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>GoodsItem</b>
1 .. 1	xs:sequence
1 .. 1	GoodsItemId
<b>1 .. 1</b>	<b>DetailInformation</b>
1 .. 1	xs:sequence
1 .. 1	NumberOfPackages
1 .. 1	PackingCode
1 .. 1	GrossWeight
	unit
0 .. 1	NetWeight
	unit
1 .. 1	MarksAndNumbers
0 .. 1	GoodsDescription
0 .. 1	MeansOfTransportID
0 .. 1	Remarks
<b>0 .. 1</b>	<b>ContainerReferences</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>ContainerReference</b>
1 .. 1	xs:sequence
1 .. 1	ContainerNumber
<b>0 .. 1</b>	<b>VehicleInformation</b>
1 .. 1	xs:sequence
0 .. 1	ChassisNumber
0 .. 1	EquipmentIndicator
0 .. 1	AdditionalCargoIndicator
<b>0 .. 1</b>	<b>CustomsInformation</b>
1 .. 1	xs:sequence
1 .. 1	CountryOfDeparture
1 .. 1	CountryOfDestination
<b>1 .. 1</b>	<b>Participants</b>

Ocurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 999	<b>Participant</b>
1 .. 1	xs:sequence
1 .. 1	<b>ParticipantType</b>
0 .. 1	<b>EORINumber</b>
0 .. 1	<b>BranchNumber</b>
0 .. 1	<b>Name</b>
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
1 .. 4	<b>Line</b>
1 .. 1	<b>Commodity</b>
1 .. 1	xs:sequence
0 .. 1	<b>Code</b>
0 .. 1	<b>Description</b>
0 .. 1	<b>SpecialComments</b>
0 .. 1	<b>ProcedureCode</b>
0 .. 1	<b>OtherExemptionIndicator</b>
0 .. 1	<b>LimitedValueShipmentIndicator</b>
0 .. 1	<b>CustomsReferences</b>
1 .. 1	xs:sequence
0 .. 1	<b>ATBNumber</b>
0 .. 1	<b>TransitMRN</b>
0 .. 1	<b>ExportMRN</b>
0 .. 1	<b>DangerousGoodsInformations</b>
1 .. 1	xs:sequence
1 .. 1	<b>DangerousGoodsInformation</b>
1 .. 1	xs:sequence
0 .. 1	<b>IMDGAmdendment</b>
1 .. 1	<b>IMDGClass</b>
1 .. 1	<b>UNNumber</b>
0 .. 1	<b>EmergencyProcedure</b>
1 .. 1	xs:sequence
0 .. 1	<b>FireSchedule</b>
0 .. 1	<b>SpillageSchedule</b>
0 .. 1	<b>FlashPoint</b>
	<i>unit</i>
0 .. 1	<b>Label</b>
1 .. 1	xs:sequence
0 .. 1	<b>Code</b>
0 .. 1	<b>FirstAdditionalLabel</b>
0 .. 1	<b>SecondAdditionalLabel</b>
0 .. 1	<b>MarinePollutantIndicator</b>
1 .. 1	<b>LimitedQuantityIndicator</b>
0 .. 1	<b>ExceptedQuantityIndicator</b>
0 .. 1	<b>PackingGroup</b>
0 .. 1	<b>Properties</b>
0 .. 1	<b>WaterHazardClass</b>
1 .. 1	<b>PropperShippingName</b>
0 .. 1	<b>TechnicalName</b>
0 .. 1	<b>GGVSAAndADRInformation</b>
1 .. 1	xs:sequence
0 .. 1	<b>Class</b>
0 .. 1	<b>Figure</b>
0 .. 1	<b>ExplosiveInformation</b>
1 .. 1	xs:sequence

Ocurrence	Element/Attribute
0 .. 1	Stowage
0 .. 1	CompatibilityGroup
0 .. 1	PowderWeight
	<i>unit</i>
<b>0 .. 1</b>	<b>RadioactivityInformation</b>
1 .. 1	xs:sequence
1 .. 1	Activity
	<i>unit</i>
1 .. 1	Category
1 .. 1	TransportCode
1 .. 1	PackingType
<b>0 .. 1</b>	<b>Dimensions</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>Dimension</b>
1 .. 1	xs:sequence
0 .. 1	Count
<b>0 .. 1</b>	<b>Size</b>
1 .. 1	xs:sequence
0 .. 1	Length
	<i>unit</i>
0 .. 1	Width
	<i>unit</i>
0 .. 1	Height
	<i>unit</i>
<b>0 .. 1</b>	<b>Volume</b>
1 .. 1	xs:sequence
0 .. 1	Single
	<i>unit</i>
0 .. 1	Total
	<i>unit</i>
<b>0 .. 1</b>	<b>Packages</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>Package</b>
1 .. 1	xs:sequence
1 .. 1	Packageld
<b>1 .. 1</b>	<b>DetailInformation</b>
1 .. 1	xs:sequence
1 .. 1	NumberOfPackages
1 .. 1	PackingCode
1 .. 1	GrossWeight
	<i>unit</i>
0 .. 1	NetWeight
	<i>unit</i>
0 .. 1	MarksAndNumbers
0 .. 1	GoodsDescription
0 .. 1	MeansOfTransportID
0 .. 1	Remarks
<b>0 .. 1</b>	<b>VehicleInformation</b>
1 .. 1	xs:sequence
0 .. 1	ChassisNumber
0 .. 1	EquipmentIndicator
0 .. 1	AdditionalCargoIndicator
<b>0 .. 1</b>	<b>CustomsInformation</b>
1 .. 1	xs:sequence
1 .. 1	CountryOfDeparture
1 .. 1	CountryOfDestination

Ocurrence	Element/Attribute
1 .. 1	<b>Participants</b>
1 .. 1	xs:sequence
1 .. 999	<b>Participant</b>
1 .. 1	xs:sequence
1 .. 1	<b>ParticipantType</b>
0 .. 1	<b>EORINumber</b>
0 .. 1	<b>BranchNumber</b>
0 .. 1	<b>Name</b>
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
1 .. 4	<b>Line</b>
1 .. 1	<b>Commodity</b>
1 .. 1	xs:sequence
0 .. 1	<b>Code</b>
0 .. 1	<b>Description</b>
0 .. 1	<b>SpecialComments</b>
0 .. 1	<b>ProcedureCode</b>
0 .. 1	<b>OtherExemptionIndicator</b>
0 .. 1	<b>LimitedValueShipmentIndicator</b>
0 .. 1	<b>CustomsReferences</b>
1 .. 1	xs:sequence
0 .. 1	<b>ATBNumber</b>
0 .. 1	<b>TransitMRN</b>
0 .. 1	<b>ExportMRN</b>
0 .. 1	<b>DangerousGoodsInformations</b>
1 .. 1	xs:sequence
1 .. 1	<b>DangerousGoodsInformation</b>
1 .. 1	xs:sequence
0 .. 1	<b>IMDGAmendment</b>
1 .. 1	<b>IMDGClass</b>
1 .. 1	<b>UNNumber</b>
0 .. 1	<b>EmergencyProcedure</b>
1 .. 1	xs:sequence
0 .. 1	<b>FireSchedule</b>
0 .. 1	<b>SpillageSchedule</b>
0 .. 1	<b>FlashPoint</b>
	<i>unit</i>
0 .. 1	<b>Label</b>
1 .. 1	xs:sequence
0 .. 1	<b>Code</b>
0 .. 1	<b>FirstAdditionalLabel</b>
0 .. 1	<b>SecondAdditionalLabel</b>
0 .. 1	<b>MarinePollutantIndicator</b>
1 .. 1	<b>LimitedQuantityIndicator</b>
0 .. 1	<b>ExceptedQuantityIndicator</b>
0 .. 1	<b>PackingGroup</b>
0 .. 1	<b>Properties</b>
0 .. 1	<b>WaterHazardClass</b>
1 .. 1	<b>PropperShippingName</b>
0 .. 1	<b>TechnicalName</b>
0 .. 1	<b>GGVSAAndADRInformation</b>
1 .. 1	xs:sequence
0 .. 1	<b>Class</b>
0 .. 1	<b>Figure</b>
0 .. 1	<b>ExplosiveInformation</b>

Ocurrence	Element/Attribute
1 .. 1	<ul style="list-style-type: none"> <li>xs:sequence</li> <li>Stowage</li> <li>CompatibilityGroup</li> <li>PowderWeight</li> <li>unit</li> </ul>
0 .. 1	
0 .. 1	
0 .. 1	
0 .. 1	<b>RadioactivityInformation</b>
1 .. 1	<ul style="list-style-type: none"> <li>xs:sequence</li> <li>Activity</li> <li>unit</li> </ul>
1 .. 1	
1 .. 1	Category
1 .. 1	TransportCode
1 .. 1	PackingType
0 .. 1	<b>Dimensions</b>
1 .. 1	xs:sequence
1 .. 999	<b>Dimension</b>
1 .. 1	xs:sequence
0 .. 1	Count
0 .. 1	<b>Size</b>
1 .. 1	xs:sequence
0 .. 1	Length
	unit
0 .. 1	Width
	unit
0 .. 1	Height
	unit
0 .. 1	<b>Volume</b>
1 .. 1	xs:sequence
0 .. 1	Single
	unit
0 .. 1	Total
	unit
0 .. 1	<b>Containers</b>
1 .. 1	xs:sequence
1 .. 999	<b>Container</b>
1 .. 1	xs:sequence
1 .. 1	ContainerNumber
0 .. 1	NonIsoContainerIndicator
0 .. 1	Seal
1 .. 1	SizeType
0 .. 1	<b>TemperatureRange</b>
1 .. 1	xs:sequence
0 .. 1	Min
	unit
0 .. 1	Max
	unit

### 3 Guideline

Element/Attribute	Annotation
<b>PortOrder</b>	Type PortOrderElementType
xs:sequence	Occurrence 1 .. 1
<b>Transaction</b>	Occurrence 1 .. 1 Type TransactionType
xs:sequence	Occurrence 1 .. 1
<b>IOPartner</b>	Occurrence 1 .. 1 Type an..4 Length .. 4 Description DAKOSY participant code
<b>IOReference</b>	Occurrence 1 .. 1 Type an..35 Length .. 35 Description Unique and unambiguous transaction identification reference
<b>IODateTime</b>	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.
<b>MessageVersion</b>	Occurrence 1 .. 1 Type an..12 Length .. 12 Description Used message version
<b>TestIndicator</b>	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 "false", it is about a production message.
<b>Message</b>	Occurrence 1 .. 1 Type MessageType
xs:sequence	Occurrence 1 .. 1
<b>Header</b>	Occurrence 1 .. 1 Type HeaderType
xs:sequence	Occurrence 1 .. 1
<b>Type</b>	Occurrence 1 .. 1 Type portOrderTypeCode Description Port Order Type
<b>RequestDateTime</b>	Occurrence 0 .. 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. Deprecated since Version 1.3.0, will not be processed.
<b>Locations</b>	Occurrence 1 .. 1 Type LocationsType Description This segment summarizes information concerning the shipment route.
xs:sequence	Occurrence 1 .. 1
<b>Location</b>	Occurrence 1 .. 2 Type LocationType Description A location within the shipment route.
xs:sequence	Occurrence 1 .. 1
<b>LocationType</b>	Occurrence 1 .. 1 Type locationTypeCode Description Describes the location type
<b>Code</b>	Occurrence 0 .. 1 Type an5 Description UN-Locode
<b>Applicable Codes</b>	<b>DUX</b> EAS declaration
<b>Applicable Codes</b>	<b>FD</b> Final destination <b>POD</b> Port of discharge

Element/Attribute	Annotation
└─ Name	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Name of location
└─ References	Occurrence 1 .. 1 Type ReferencesType
└─ xs:sequence	Occurrence 1 .. 1
└─ BookingNumber	Occurrence 0 .. 1 Type an..20 Length .. 20 Description Booking number
└─ ForwarderReference	Occurrence 1 .. 1 Type an..16 Length .. 16 Description Reference number of forwarder
└─ BillOfLadingNumber	Occurrence 0 .. 1 Type an..10 Length .. 10 Description BL number
└─ Participants	Occurrence 1 .. 1 Type ParticipantsType Description This element summarizes information concerning the different process participants.
└─ xs:sequence	Occurrence 1 .. 1
└─ Participant	Occurrence 1 .. 999 Type ParticipantType Description This segment summarizes information concerning one process participant at a time.
└─ xs:sequence	Occurrence 1 .. 1
└─ ParticipantType	Occurrence 1 .. 1 Type participantTypeCode Description Participant type
	<b>Applicable Codes</b>
	<b>AGENT</b> Shipping agent
	<b>ISSUER</b> Issuer
	<b>PARTY_PAYIN</b> Party committing to payment
	<b>G</b>
	<b>WAREHOUSE</b> Warehouse
	<b>WKS_CARRIE</b> Carrier
	<b>R</b>
└─ DakosyCode	Occurrence 0 .. 1 Type an..4 Length .. 4 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} [A-Z]{2}!-~}{1,15}
	Description EORI number
└─ BranchNumber	Occurrence 1 .. 1 Type an4 Pattern \d{4} Description Branch number, set to 0000 if not registered.
└─ Name	Occurrence 0 .. 1 Type an..40 Length .. 40 Description Name of participant

Element/Attribute	Annotation
QuayAccountNumber	Occurrence 0 .. 1 Type an..6 Length .. 6 Description Quai account number of participant
CustomerReference	Occurrence 0 .. 1 Type an..16 Length .. 16 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 Description Name of contact person
E-Mail	Occurrence 1 .. 1 Type an..100 Length .. 100 Description Email address of contact person
FAX	Occurrence 0 .. 1 Type an..40 Length .. 40 Description Fax number of contact person
Phone	Occurrence 1 .. 1 Type an..40 Length .. 40 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 Description Vessel name
CallSign	Occurrence 0 .. 1 Type an..7 Length .. 7 Description Call sign of the vessel
IMONumber	Occurrence 0 .. 1 Type an..7 Length .. 7 Description IMO number of the vessel
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 Description Planned date of shipment
DakosyVoyageNumber	Occurrence 0 .. 1 Type dakosyVoyageNumberType Pattern [A-Z]{3}[0-9]{4} Description DAKOSY voyage number

Element/Attribute	Annotation																																						
CarrierSCACCode	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> SCAC code of shipowner</p>																																						
VoyageNumber	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..8  <b>Length</b> .. 8  <b>Description</b> Voyage number of shipowner</p>																																						
QuayOrderDetails	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> QuayOrderDetailsType</p>																																						
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>																																						
Orders	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> OrdersType  <b>Description</b> 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>																																						
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>																																						
TypeOfService	<p><b>Occurrence</b> 1 .. 5  <b>Type</b> typeOfServiceCode  <b>Description</b> Service/order type</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr><td>480</td><td>Labelling</td></tr> <tr><td>490</td><td>Re-labelling</td></tr> <tr><td>500</td><td>Sorting</td></tr> <tr><td>510</td><td>Putting aside and releasing of goods for arbitrage purposes. Upon release third copy is returned.</td></tr> <tr><td>520</td><td>Maintenance and repair</td></tr> <tr><td>530</td><td>Counting</td></tr> <tr><td>540</td><td>Measuring (only for LCL)</td></tr> <tr><td>550</td><td>Sampling</td></tr> <tr><td>560</td><td>Surveillance</td></tr> <tr><td>570</td><td>Assessing content/condition</td></tr> <tr><td>580</td><td>Pack/unpack containers</td></tr> <tr><td>590</td><td>Weighing</td></tr> <tr><td>591</td><td>Weigh individually</td></tr> <tr><td>592</td><td>Weigh in trays</td></tr> <tr><td>593</td><td>Weigh in batches</td></tr> <tr><td>594</td><td>Weigh with mechanical handling equipment</td></tr> <tr><td>595</td><td>Weigh without mechanical handling equipment</td></tr> <tr><td>596</td><td>Classification (determine tara)</td></tr> <tr><td>999</td><td>Other</td></tr> </table>	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
480	Labelling																																						
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560	Surveillance																																						
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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	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> DeliveryType  <b>Description</b> This segment provides information concerning the delivery.</p>																																						
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>																																						
VehicleIdentification	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..13  <b>Length</b> .. 13  <b>Description</b> Wagon/truck number plate</p>																																						
MeansOfTransport	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> meansOfTransportCode  <b>Description</b> Code of means of transport</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr><td>AB</td><td>Outboard</td></tr> <tr><td>AN</td><td>Other</td></tr> <tr><td>BS</td><td>Inland vessel</td></tr> <tr><td>FE</td><td>Feeder</td></tr> <tr><td>LK</td><td>Truck</td></tr> <tr><td>SC</td><td>Barge</td></tr> <tr><td>SS</td><td>Seagoing/Ocean vessel</td></tr> </table>	AB	Outboard	AN	Other	BS	Inland vessel	FE	Feeder	LK	Truck	SC	Barge	SS	Seagoing/Ocean vessel																								
AB	Outboard																																						
AN	Other																																						
BS	Inland vessel																																						
FE	Feeder																																						
LK	Truck																																						
SC	Barge																																						
SS	Seagoing/Ocean vessel																																						

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>TL</b> Trailer
	<b>UN</b> Unknown
	<b>WG</b> Waggon
<b>DeliveryTo</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..30 <b>Length</b> .. 30 <b>Description</b> At the disposal/delivery of the company
<b>AdditionalRemarks</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..4lines <b>Pattern</b> ([^\r\n]{1,72}(r?\n?){1,4} <b>Description</b> Additional information - remarks etc. Specification of 1-4 columns with each max. 72 characters
<b>AdditionalRequest</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> Additional requests
<b>WarehouseNumber</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..11 <b>Length</b> .. 11 <b>Description</b> Warehouse number
<b>SpecialAgreement</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..8 <b>Length</b> .. 8 <b>Description</b> Special agreements (e.g. special rate, offers)
<b>GoodsInTransitBySeaIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Is it about marine transit goods? (true = yes, false = no)
<b>OutboardLoadingIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Is it about outboard loading? (true = yes, false = no)
<b>ATLASelfDeclaredIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Is it about a ATLAS self-declaration? (true = yes, false = no) Deprecated since version 1.3.0, will not be processed.
<b>DangerousGoodsIssuer</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..72 <b>Length</b> .. 72 <b>Description</b> Issuer (individual) in charge for the DG specifications
<b>GoodsItems</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> GoodsItemsType <b>Description</b> All packages of this shipment
xs:sequence	<b>Occurence</b> 1 .. 1
<b>GoodsItem</b>	<b>Occurence</b> 1 .. 999 <b>Type</b> GoodsItemType <b>Description</b> A package (goods item) line
xs:sequence	<b>Occurence</b> 1 .. 1
<b>GoodsItemId</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> Unique and unambiguous goods item identification number within a message
<b>DetailInformation</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> GoodsDetailInformationType <b>Description</b> Different detail information regarding the package (goods item)
xs:sequence	<b>Occurence</b> 1 .. 1
<b>NumberOfPackages</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> n..6 <b>FractionDigits</b> 0 <b>TotalDigits</b> 6 <b>Pattern</b> \d{1,6} <b>Description</b> Number of packages

Element/Attribute	Annotation
PackingCode	<p><b>Occurence</b> 1 .. 1  <b>Type</b> an2  <b>Description</b> Packing code. DAKOSY container packaging codes (C2, H4) should no longer be used. Code list under: <a href="https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf">https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf</a></p>
GrossWeight	<p><b>Occurence</b> 1 .. 1  <b>Type</b> Weight7.3Type  <b>FractionDigits</b> 3  <b>TotalDigits</b> 10  <b>Pattern</b> \d{1,7}(\.\d{1,3})?  <b>Description</b> 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><b>Type</b> weightUnitCode  <b>Description</b> Unit of measurement of the weight</p>
NetWeight	<p><b>Occurence</b> 0 .. 1  <b>Type</b> Weight7.3Type  <b>FractionDigits</b> 3  <b>TotalDigits</b> 10  <b>Pattern</b> \d{1,7}(\.\d{1,3})?  <b>Description</b> Net weight, net mass. The net mass is understood to be the mass of the goods without all enclosures.</p>
unit	<p><b>Type</b> weightUnitCode  <b>Description</b> Unit of measurement of the weight</p>
MarksAndNumbers	<p><b>Occurence</b> 1 .. 1  <b>Type</b> an..1024  <b>Length</b> .. 1024  <b>Description</b> Marks and numbers</p>
GoodsDescription	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..1024  <b>Length</b> .. 1024  <b>Description</b> Goods description</p>
MeansOfTransportID	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..13  <b>Length</b> .. 13  <b>Description</b> Means of transport indicator</p>
Remarks	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..1024  <b>Length</b> .. 1024  <b>Remark</b> G27  <b>Description</b> Remarks</p>
ContainerReferences	<p><b>Occurence</b> 0 .. 1  <b>Type</b> ContainerReferencesType</p>
xs:sequence	<p><b>Occurence</b> 1 .. 1</p>
ContainerReference	<p><b>Occurence</b> 1 .. 999  <b>Type</b> ContainerReferenceType</p>
xs:sequence	<p><b>Occurence</b> 1 .. 1</p>
ContainerNumber	<p><b>Occurence</b> 1 .. 1  <b>Type</b> an..12  <b>Length</b> .. 12  <b>Description</b> Container number</p>
VehicleInformation	<p><b>Occurence</b> 0 .. 1  <b>Type</b> VehicleInformationType  <b>Description</b> Information to a vehicle</p>
xs:sequence	<p><b>Occurence</b> 1 .. 1</p>

Element/Attribute	Annotation
ChassisNumber	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> chassisNumberType  <b>Length</b> .. 17  <b>Pattern</b> [^ioO]{1,17}  <b>Description</b> 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><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Indicates whether it is vehicle loading equipment. true = yes, ChassisNumber must be filled, false or not available = no.</p>
AdditionalCargoIndicator	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.</p>
CustomsInformation	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> CustomsInformationType  <b>Description</b> Information concerning the customs procedure</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
CountryOfDeparture	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> an2  <b>Description</b> 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><b>Occurrence</b> 1 .. 1  <b>Type</b> an2  <b>Description</b> Country of destination - Not permitted in case of declaration type AES.</p>
Participants	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> CustomsParticipantsType  <b>Description</b> Participants involved in the customs process</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
Participant	<p><b>Occurrence</b> 1 .. 999  <b>Type</b> CustomsParticipantType  <b>Description</b> An involved participant</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
ParticipantType	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> customsParticipantTypeCode  <b>Description</b> Participant type</p> <p><b>Applicable Codes</b></p> <p><b>CONSIGNEE</b> Consignee  <b>DECLARANT</b> Declarant  <b>EXPORTER</b> Exporter  <b>REPRESENTING_COMPANY</b> Representing company</p>
EORINumber	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> eoriNumberType  <b>Length</b> 4 .. 17  <b>Pattern</b> [A-Z]{2}[0-9A-Z]{2,15}  [A-Z]{2}![~]{1,15}  <b>Description</b> 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.</p>
BranchNumber	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an4  <b>Pattern</b> \d{4}  <b>Description</b> Branch number</p>

Element/Attribute	Annotation
Name	Occurrence 0 .. 1 Type an..40 Length .. 40 Description Name
Address	Occurrence 0 .. 1 Type AddressType Name Address specification
xs:sequence	Occurrence 1 .. 1
Line	Occurrence 1 .. 4 Type an..35 Length .. 35 Description Address specification
Commodity	Occurrence 1 .. 1 Type CommodityType Description Commodity description
xs:sequence	Occurrence 1 .. 1
Code	Occurrence 0 .. 1 Type commodityCodeType Length 8 .. 12 Pattern ([a-zA-Z\d]{8})[a-zA-Z\d]{12}) Description Statistical commodity code - 8-digit specification, in case of market regulation goods 12-digit.
Description	Occurrence 0 .. 1 Type an..176 Length .. 176 Description Goods description
SpecialComments	Occurrence 0 .. 1 Type an..225 Length .. 225 Description Special comments - Documents, certificates, approvals submitted.
ProcedureCode	Occurrence 0 .. 1 Type procedureCodeType FractionDigits 0 TotalDigits 4 Pattern ((1-3)\d{3})9[5-9]\d{2}) Description Procedure code - valid values are 1000 until 3999 and 9500 until 9999
OtherExemptionIndicator	Occurrence 0 .. 1 Type xs:boolean 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	Occurrence 0 .. 1 Type xs:boolean 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	Occurrence 0 .. 1 Type CustomsReferencesType Description Customs references
xs:sequence	Occurrence 1 .. 1
ATBNumber	Occurrence 0 .. 1 Type atbNumberType Length 18 .. 21 Pattern AT[A-Z]\d{18}\d{2}[A-Z]{2}[A-Z0-9]{14} 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.

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>└ TransitMRN</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> mrnType  <b>Pattern</b> \d{2}[A-Z]{2}[A-Z\d]{14}  <b>Description</b> MRN number of shipment - shipping label number / MRN number of the shipment (not to be confused with the MRN of the export procedure).</p>
<ul style="list-style-type: none"> <li>└ ExportMRN</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> mrnType  <b>Pattern</b> \d{2}[A-Z]{2}[A-Z\d]{14}  <b>Description</b> Number of export declaration. Mandatory in case of declaration type AUS.</p>
<ul style="list-style-type: none"> <li>└ DangerousGoodsInformations</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> DangerousGoodsInformationsType  <b>Description</b> 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>
<ul style="list-style-type: none"> <li>└ xs:sequence <ul style="list-style-type: none"> <li>└ DangerousGoodsInformation</li> </ul> </li> </ul>	<p><b>Occurence</b> 1 .. 1  <b>Occurence</b> 1 .. 1  <b>Type</b> DangerousGoodsInformationType  <b>Description</b> Dangerous goods information</p>
<ul style="list-style-type: none"> <li>└ xs:sequence <ul style="list-style-type: none"> <li>└ IMDGAmendment</li> </ul> </li> </ul>	<p><b>Occurence</b> 1 .. 1  <b>Occurence</b> 0 .. 1  <b>Type</b> an..10  <b>Length</b> .. 10  <b>Description</b> Amendment of IMDG code where the dangerous goods information refer to</p>
<ul style="list-style-type: none"> <li>└ IMDGClass</li> </ul>	<p><b>Occurence</b> 1 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> IMDG class - check against the IMDG code as well as compatibility assessment with UN number</p>
<ul style="list-style-type: none"> <li>└ UNNumber</li> </ul>	<p><b>Occurence</b> 1 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> UN number - check against the IMDG code as well as compatibility assessment with IMDG class. NONE permitted.</p>
<ul style="list-style-type: none"> <li>└ EmergencyProcedure</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> EmergencyProcedureType</p>
<ul style="list-style-type: none"> <li>└ xs:sequence <ul style="list-style-type: none"> <li>└ FireSchedule</li> </ul> </li> </ul>	<p><b>Occurence</b> 1 .. 1  <b>Occurence</b> 0 .. 1  <b>Type</b> fireScheduleType  <b>Pattern</b> F-[A-J]  <b>Description</b> Accident leaflets for fire (emergency procedure)</p>
<ul style="list-style-type: none"> <li>└ SpillageSchedule</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> spillageScheduleType  <b>Pattern</b> S-[A-Z]  <b>Description</b> Accident leaflets for leakage (emergency procedure)</p>
<ul style="list-style-type: none"> <li>└ FlashPoint</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> Temperature1000Type  <b>FractionDigits</b> 0  <b>Inclusive</b> -999 .. 999  <b>Description</b> Flashpoint - Mandatory in case of class 3 or if the 1. digit of a label = 3</p>
<ul style="list-style-type: none"> <li>└ unit</li> </ul>	<p><b>Type</b> temperatureUnitCode  <b>Description</b> Unit of temperature</p>
	<p><b>Applicable Codes</b></p>
<ul style="list-style-type: none"> <li>└ Label</li> </ul>	<p><b>CEL</b> Celsius  <b>Occurence</b> 0 .. 1  <b>Type</b> DGLabelType  <b>Description</b> Label</p>

Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
Code	Occurrence 0 .. 1 Type an..4 Length .. 4 Description Code
FirstAdditionalLabel	Occurrence 0 .. 1 Type an..4 Length .. 4 Description First additional label
SecondAdditionalLabel	Occurrence 0 .. 1 Type an..4 Length .. 4 Description Second additional label
MarinePollutantIndicator	Occurrence 0 .. 1 Type xs:boolean Description Indicator marine pollutant
LimitedQuantityIndicator	Occurrence 1 .. 1 Type xs:boolean Description Indicator limited quantity
ExceptedQuantityIndicator	Occurrence 0 .. 1 Type xs:boolean 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 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 Description Properties/remarks
WaterHazardClass	Occurrence 0 .. 1 Type waterHazardClassCode Description WGK code, water hazard class - coding: 0/1/2/3 <b>Applicable Codes</b> 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 Description Propper technical term - Propper technical shipping term according to IMDG code
TechnicalName	Occurrence 0 .. 1 Type an..110 Length .. 110 Description Hazard trigger - Mandatory in case of dangerous goods listed in the general introduction IMDG code chapter 7.
GGVSAAndADRInformation	Occurrence 0 .. 1 Type DGGVSAAndADRInformationType Description GGVSA/ADR specifications - Specifications referring to the dangerous goods regulations street
xs:sequence	Occurrence 1 .. 1

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

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>A</b> Type A Package
	<b>B(M)</b> Type B(M) Package
	<b>B(U)</b> Type B(U) Package
	<b>C</b> Type C Package
	<b>FREI</b> Excepted Package
	<b>IP-1</b> Industrial Package Type 1 (Type IP-1 Package)
	<b>IP-2</b> Industrial Package Type 2 (Type IP-2 Package)
	<b>IP-3</b> Industrial Package Type 3 (Type IP-3 Package)
	<b>IP1</b> Industrial Package Type 1 (Type IP-1 Package) (Deprecated!)
	<b>IP2</b> Industrial Package Type 2 (Type IP-2 Package) (Deprecated!)
	<b>TYP A</b> Type A Package (Deprecated!)
	<b>TYP B</b> Type B(U) Package (Deprecated!)
	<b>TYP C</b> Type C Package (Deprecated!)
	<b>TYP M</b> Type B(M) Package (Deprecated!)
<b>Dimensions</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> DimensionsType
	<b>Description</b> Dimensions forwarding agency
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Dimension</b>	<b>Occurrence</b> 1 .. 999
	<b>Type</b> DimensionType
	<b>Description</b> Dimensions forwarding agency
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Count</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> n..4
	<b>FractionDigits</b> 0
	<b>TotalDigits</b> 4
	<b>Inclusive</b> 1 ..
	<b>Pattern</b> \d{1,4}
	<b>Description</b> Number
<b>Size</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> SizeType
	<b>Description</b> Length specifications
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Length</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> LengthType
	<b>FractionDigits</b> 0
	<b>TotalDigits</b> 4
	<b>Inclusive</b> 1 ..
	<b>Pattern</b> \d{1,4}
	<b>Description</b> Length
unit	<b>Type</b> sizeUnitCode
	<b>Description</b> Unit of size specifications
	<b>Applicable Codes</b>
	<b>CMT</b> Zentimeter/Centimeter
<b>Width</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> LengthType
	<b>FractionDigits</b> 0
	<b>TotalDigits</b> 4
	<b>Inclusive</b> 1 ..
	<b>Pattern</b> \d{1,4}
	<b>Description</b> Width
unit	<b>Type</b> sizeUnitCode
	<b>Description</b> Unit of size specifications
	<b>Applicable Codes</b>
	<b>CMT</b> Zentimeter/Centimeter

Element/Attribute	Annotation
Height	<p>Occurrence 0 .. 1  Type LengthType  FractionDigits 0  TotalDigits 4  Inclusive 1 ..  Pattern \d{1,4}  Description Height</p>
unit	<p>Type sizeUnitCode  Description Unit of size specifications  <b>Applicable Codes</b>  <b>CMT</b> Zentimeter/Centimeter</p>
Volume	<p>Occurrence 0 .. 1  Type VolumeType  Description Measurements volume</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Single	<p>Occurrence 0 .. 1  Type Volume4.3Type  FractionDigits 3  TotalDigits 7  Pattern \d{1,4}(\.\d{1,3})?  Description Single coubage</p>
unit	<p>Type volumeUnitCode  Description Unit of volume specifications  <b>Applicable Codes</b>  <b>MTQ</b> Kubikmeter</p>
Total	<p>Occurrence 0 .. 1  Type Volume8.3Type  FractionDigits 3  TotalDigits 11  Pattern \d{1,8}(\.\d{1,3})?  Description Total coubage</p>
unit	<p>Type volumeUnitCode  Description Unit of volume specifications  <b>Applicable Codes</b>  <b>MTQ</b> Kubikmeter</p>
Packages	<p>Occurrence 0 .. 1  Type PackagesType  Description All positions to a package line</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Package	<p>Occurrence 1 .. 999  Type PackageType  Description A position to a goods item</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
PackageId	<p>Occurrence 1 .. 1  Type an..35  Length .. 35  Description A unique and unambiguous package identification number</p>
DetailInformation	<p>Occurrence 1 .. 1  Type GoodsDetailInformationType  Description Several detail information to goods item</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
NumberOfPackages	<p>Occurrence 1 .. 1  Type n..6  FractionDigits 0  TotalDigits 6  Pattern \d{1,6}  Description Number of packages</p>
PackingCode	<p>Occurrence 1 .. 1  Type an2  Description Packing code. DAKOSY container packaging codes (C2, H4) should no longer be used. Code list under: <a href="https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/">https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/</a></p>

Element/Attribute	Annotation
	Verpackungsartenschluessel.pdf
GrossWeight	<p>Occurrence 1 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? 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><b>Applicable Codes</b></p> <p>KGM Kilogramm</p>
NetWeight	<p>Occurrence 0 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? 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><b>Applicable Codes</b></p> <p>KGM Kilogramm</p>
MarksAndNumbers	<p>Occurrence 0 .. 1 Type an..1024 Length .. 1024 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 Description Means of transport indicator</p>
Remarks	<p>Occurrence 0 .. 1 Type an..1024 Length .. 1024 Remark G27 Description Remarks</p>
VehicleInformation	<p>Occurrence 0 .. 1 Type VehicleInformationType Description Information to a vehicle</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ChassisNumber	<p>Occurrence 0 .. 1 Type chassisNumberType Length .. 17 Pattern [^ioI]{1,17} 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 Type xs:boolean 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 Type xs:boolean Description Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.</p>

Element/Attribute	Annotation
<b>CustomsInformation</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> CustomsInformationPackageType <b>Description</b> Information to customs procedure
xs:sequence	<b>Occurence</b> 1 .. 1
<b>CountryOfDeparture</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> an2 <b>Description</b> 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).
<b>CountryOfDestination</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> an2 <b>Description</b> Country of destination - Not permitted in case of declaration type AES.
<b>Participants</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> CustomsParticipantsType <b>Description</b> Participants involved in the customs process
xs:sequence	<b>Occurence</b> 1 .. 1
<b>Participant</b>	<b>Occurence</b> 1 .. 999 <b>Type</b> CustomsParticipantType <b>Description</b> An involved participant
xs:sequence	<b>Occurence</b> 1 .. 1
<b>ParticipantType</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> customsParticipantTypeCode <b>Description</b> Participant type <b>Applicable Codes</b> <b>CONSIGNEE</b> Consignee <b>DECLARANT</b> Declarant <b>EXPORTER</b> Exporter <b>REPRESENTING_COMPANY</b> Representing company
<b>EORINumber</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> eoriNumberType <b>Length</b> 4 .. 17 <b>Pattern</b> [A-Z]{2}[0-9A-Z]{2,15} [A-Z]{2}[-]{1,15} <b>Description</b> 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.
<b>BranchNumber</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an4 <b>Pattern</b> \d{4} <b>Description</b> Branch number
<b>Name</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..40 <b>Length</b> .. 40 <b>Description</b> Name
<b>Address</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> AddressType <b>Name</b> Address specification
xs:sequence	<b>Occurence</b> 1 .. 1
<b>Line</b>	<b>Occurence</b> 1 .. 4 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> Address specification
<b>Commodity</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> CommodityType <b>Description</b> Commodity description
xs:sequence	<b>Occurence</b> 1 .. 1

Element/Attribute	Annotation
Code	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> commodityCodeType</p> <p><b>Length</b> 8 .. 12</p> <p><b>Pattern</b> ([a-zA-Z\d]{8})[a-zA-Z\d]{12}</p> <p><b>Description</b> Statistical commodity code - 8-digit specification, in case of market regulation goods 12-digit.</p>
Description	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> an..176</p> <p><b>Length</b> .. 176</p> <p><b>Description</b> Goods description</p>
SpecialComments	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> an..225</p> <p><b>Length</b> .. 225</p> <p><b>Description</b> Special comments - Documents, certificates, approvals submitted.</p>
ProcedureCode	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> procedureCodeType</p> <p><b>FractionDigits</b> 0</p> <p><b>TotalDigits</b> 4</p> <p><b>Pattern</b> ([1-3]\d{3})9[5-9]\d{2}</p> <p><b>Description</b> Procedure code - valid values are 1000 until 3999 and 9500 until 9999</p>
OtherExemptionIndicator	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:boolean</p> <p><b>Description</b> 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><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:boolean</p> <p><b>Description</b> 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><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> CustomsReferencesPackageType</p> <p><b>Description</b> Customs references</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
ATBNumber	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> atbNumberType</p> <p><b>Length</b> 18 .. 21</p> <p><b>Pattern</b> AT[A-Z]\d{18}\d{2}[A-Z]{2}[A-Z0-9]{14}</p> <p><b>Description</b> 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>
TransitMRN	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> mrnType</p> <p><b>Pattern</b> \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p><b>Description</b> 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><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> mrnType</p> <p><b>Pattern</b> \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p><b>Description</b> Number of export declaration. Mandatory in case of declaration type AUS.</p>
DangerousGoodsInformations	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> DangerousGoodsInformationsType</p> <p><b>Description</b> Dangerous goods informations</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>

Element/Attribute	Annotation
<b>DangerousGoodsInformation</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> DangerousGoodsInformationType <b>Description</b> Dangerous goods information
xs:sequence	<b>Occurence</b> 1 .. 1
<b>IMDGAmendment</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..10 <b>Length</b> .. 10 <b>Description</b> Amendment of IMDG code where the dangerous goods information refer to
<b>IMDGClass</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Description</b> IMDG class - check against the IMDG code as well as compatibility assessment with UN number
<b>UNNumber</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Description</b> UN number - check against the IMDG code as well as compatibility assessment with IMDG class. NONE permitted.
<b>EmergencyProcedure</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> EmergencyProcedureType
xs:sequence	<b>Occurence</b> 1 .. 1
<b>FireSchedule</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> fireScheduleType <b>Pattern</b> F-[A-J] <b>Description</b> Accident leaflets for fire (emergency procedure)
<b>SpillageSchedule</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> spillageScheduleType <b>Pattern</b> S-[A-Z] <b>Description</b> Accident leaflets for leakage (emergency procedure)
<b>FlashPoint</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> Temperature1000Type <b>FractionDigits</b> 0 <b>Inclusive</b> -999 .. 999 <b>Description</b> Flashpoint - Mandatory in case of class 3 or if the 1. digit of a lable = 3
unit	<b>Type</b> temperatureUnitCode <b>Description</b> Unit of temperature
	<b>Applicable Codes</b>
	<b>CEL</b> Celsius
<b>Label</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> DGLabelType <b>Description</b> Label
xs:sequence	<b>Occurence</b> 1 .. 1
<b>Code</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Description</b> Code
<b>FirstAdditionalLabel</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Description</b> First additional label
<b>SecondAdditionalLabel</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Description</b> Second additional label
<b>MarinePollutantIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Indicator marine pollutant
<b>LimitedQuantityIndicator</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> xs:boolean <b>Description</b> Indicator limited quantity

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>– ExceptedQuantityIndicator</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> 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>
<ul style="list-style-type: none"> <li>– PackingGroup</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..3  <b>Length</b> .. 3  <b>Description</b> 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 &gt;= (does not apply for the class 1,2 and 7)</p>
<ul style="list-style-type: none"> <li>– Properties</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..216  <b>Length</b> .. 216  <b>Description</b> Properties/remarks</p>
<ul style="list-style-type: none"> <li>– WaterHazardClass</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> waterHazardClassCode  <b>Description</b> WGK code, water hazard class - coding: 0/1/2/3</p> <p><b>Applicable Codes</b></p> <p><b>0</b> not assigned  <b>1</b> low water hazard material  <b>2</b> water hazard material  <b>3</b> high water hazard material</p>
<ul style="list-style-type: none"> <li>– PropperShippingName</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> an..72  <b>Length</b> .. 72  <b>Description</b> Propper technical term - Propper technical shipping term according to IMDG code</p>
<ul style="list-style-type: none"> <li>– TechnicalName</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..110  <b>Length</b> .. 110  <b>Description</b> Hazard trigger - Mandatory in case of dangerous goods listed in the general introduction IMDG code chapter 7.</p>
<ul style="list-style-type: none"> <li>– GGVSAndADRInformation</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> DGGVSAndADRInformationType  <b>Description</b> GGVS/ADR specifications - Specifications referring to the dangerous goods regulations street</p>
<ul style="list-style-type: none"> <li>– xs:sequence</li> </ul>	<p><b>Occurrence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>– Class</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> Class</p>
<ul style="list-style-type: none"> <li>– Figure</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> Number</p>
<ul style="list-style-type: none"> <li>– ExplosiveInformation</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> DGExplosiveInformationType  <b>Description</b> Extended information in case of explosive dangerous goods</p>
<ul style="list-style-type: none"> <li>– xs:sequence</li> </ul>	<p><b>Occurrence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>– Stowage</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..3  <b>Length</b> .. 3  <b>Description</b> Stowage method (acc. to 27. Amdt. IMDG code)</p>
<ul style="list-style-type: none"> <li>– CompatibilityGroup</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an1  <b>Description</b> Compatibility group</p>

Element/Attribute	Annotation
PowderWeight	<p>Occurrence 0 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? Description Net powder weight</p>
unit	<p>Type weightUnitCode Description Unit of measurement of the weight</p>
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 Description Activity</p>
unit	<p>Type radioactiveActivityUnitCode Description Unit of activity</p>
Applicable Codes	<p><b>2Q</b> Kilobecquerel <b>4N</b> Megabecquerel <b>BQ</b> Becquerel (Deprecated!) <b>BQL</b> Becquerel <b>GBQ</b> Gigabecquerel <b>KBQ</b> Kilobecquerel (Deprecated!) <b>MBQ</b> Megabecquerel (Deprecated!) <b>PBQ</b> Petabecquerel <b>TBQ</b> Terabecquerel</p>
Category	<p>Occurrence 1 .. 1 Type an..4 Length .. 4 Description Category</p>
TransportCode	<p>Occurrence 1 .. 1 Type an..3 Length .. 3 Description Transport code (not required in case of sheet number 01-04)</p>
PackingType	<p>Occurrence 1 .. 1 Type dgPackingTypeCode Description Packing type class 7</p>
Applicable Codes	<p><b>A</b> Type A Package <b>B(M)</b> Type B(M) Package <b>B(U)</b> Type B(U) Package <b>C</b> Type C Package <b>FREI</b> Excepted Package <b>IP-1</b> Industrial Package Type 1 (Type IP-1 Package) <b>IP-2</b> Industrial Package Type 2 (Type IP-2 Package) <b>IP-3</b> Industrial Package Type 3 (Type IP-3 Package) <b>IP1</b> Industrial Package Type 1 (Type IP-1 Package) (Deprecated!) <b>IP2</b> Industrial Package Type 2 (Type IP-2 Package) (Deprecated!) <b>TYP A</b> Type A Package (Deprecated!) <b>TYP B</b> Type B(U) Package (Deprecated!) <b>TYP C</b> Type C Package (Deprecated!) <b>TYP M</b> Type B(M) Package (Deprecated!)</p>
Dimensions	<p>Occurrence 0 .. 1 Type DimensionsType Description Measurements forwarding agency</p>

Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
Dimension	Occurrence 1 .. 999 Type DimensionType Description Dimensions forwarding agency
xs:sequence	Occurrence 1 .. 1
Count	Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} 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
unit	Type sizeUnitCode Description Unit of size specifications <b>Applicable Codes</b> CMT Zentimeter/Centimeter
Width	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Width
unit	Type sizeUnitCode Description Unit of size specifications <b>Applicable Codes</b> CMT Zentimeter/Centimeter
Height	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Height
unit	Type sizeUnitCode Description Unit of size specifications <b>Applicable Codes</b> 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
unit	Type volumeUnitCode Description Unit of volume specifications <b>Applicable Codes</b> MTQ Kubikmeter

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>Total</li> <li>unit</li> </ul>	<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>Type volumeUnitCode</p> <p>Description Unit of volume specifications</p> <p><b>Applicable Codes</b></p> <p>MTQ Kubikmeter</p>
Containers	<p>Occurrence 0 .. 1</p> <p>Type ContainersType</p> <p>Description This element summarizes information to all containers of a batch.</p>
<ul style="list-style-type: none"> <li>xs:sequence</li> <li>Container</li> </ul>	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 999</p> <p>Type ContainerType</p> <p>Description Information about a container</p>
<ul style="list-style-type: none"> <li>xs:sequence</li> <li>ContainerNumber</li> </ul>	<p>Occurrence 1 .. 1</p> <p>Occurrence 1 .. 1</p> <p>Type an..12</p> <p>Length .. 12</p> <p>Description Container number</p>
NonIsoContainerIndicator	<p>Occurrence 0 .. 1</p> <p>Type xs:boolean</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>Description Seal number</p>
SizeType	<p>Occurrence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</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>
<ul style="list-style-type: none"> <li>xs:sequence</li> <li>Min</li> <li>unit</li> <li>Max</li> <li>unit</li> </ul>	<p>Occurrence 1 .. 1</p> <p>Occurrence 0 .. 1</p> <p>Type Temperature100Type</p> <p>FractionDigits 0</p> <p>Inclusive -99 .. 99</p> <p>Description Minimum temperature</p> <p>Type temperatureUnitCode</p> <p>Description Unit of temperature</p> <p><b>Applicable Codes</b></p> <p>CEL Celsius</p>
	<p>Occurrence 0 .. 1</p> <p>Type Temperature100Type</p> <p>FractionDigits 0</p> <p>Inclusive -99 .. 99</p> <p>Description Maximum temperature</p> <p>Type temperatureUnitCode</p> <p>Description Unit of temperature</p> <p><b>Applicable Codes</b></p> <p>CEL Celsius</p>