



EMP

Port Order XML – Declaration case „DUX with MRN“

Implementation manual
Version 1.4.0.0/E

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Change history

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Change requests

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Used tools

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

Liability

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

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1 Introduction

This document describes the required and optional fields for the EMP declaration case „DUX with MRN“.

The declaration case „DUX with MRN“ is used to declare goods for transit in the Port of Hamburg, for which a exit summary declaration (ASumA) was already declared in ATLAS, outside of EMP. The exit summary declaration (ASumA) created outside of EMP is being declared with the release date and procedure, with which it was created (ASumA or WAM).

In this context also the term „Self declarants“ is used, since the declaration in ATLAS does not take place via DAKOSY.

A XSD documentation is also available.

2 Message Structure

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

Ocurrence	Element/Attribute
1 .. 1	xs:sequence
0 .. 1	EstimatedShippingDate
0 .. 1	DakosyVoyageNumber
0 .. 1	CarrierSCACCode
0 .. 1	VoyageNumber
0 .. 1	QuayOrderDetails
1 .. 1	xs:sequence
0 .. 1	Orders
1 .. 1	xs:sequence
1 .. 5	TypeOfService
0 .. 1	Delivery
1 .. 1	xs:sequence
0 .. 1	VehicleIdentification
0 .. 1	MeansOfTransport
0 .. 1	DeliveryTo
0 .. 1	AdditionalRemarks
0 .. 1	AdditionalRequest
0 .. 1	WarehouseNumber
0 .. 1	SpecialAgreement
0 .. 1	GoodsInTransitBySealIndicator
0 .. 1	OutboardLoadingIndicator
0 .. 1	ATLASSelfDeclaredIndicator
0 .. 1	DangerousGoodsIssuer
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
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	CountryOfDeparture
0 .. 1	CountryOfDestination
0 .. 1	Participants

Ocurrence	Element/Attribute
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
1 .. 1	CustomsReferences
1 .. 1	xs:sequence
0 .. 1	ATBNumber
0 .. 1	TransitMRN
0 .. 1	ExportMRN
1 .. 1	EXSMRNs
1 .. 1	xs:sequence
1 .. 999	MRN
0 .. 1	DangerousGoodsInformations
1 .. 1	xs:sequence
1 .. 99	DangerousGoodsInformation
1 .. 1	xs:sequence
0 .. 1	IMDGAmdendment
1 .. 1	IMDGClass
1 .. 1	UNNumber
0 .. 1	EmergencyProcedure
1 .. 1	xs:sequence
0 .. 1	FireSchedule
0 .. 1	SpillageSchedule
0 .. 1	FlashPoint
	<i>unit</i>
0 .. 1	Label
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	FirstAdditionalLabel
0 .. 1	SecondAdditionalLabel
0 .. 1	MarinePollutantIndicator
1 .. 1	LimitedQuantityIndicator
0 .. 1	ExceptedQuantityIndicator
0 .. 1	PackingGroup
0 .. 1	Properties
0 .. 1	WaterHazardClass
1 .. 1	PropperShippingName
0 .. 1	TechnicalName
0 .. 1	GGVSAAndADRInformation
1 .. 1	xs:sequence
0 .. 1	Class

Ocurrence	Element/Attribute
0 .. 1	Figure
0 .. 1	ExplosiveInformation
1 .. 1	xs:sequence
0 .. 1	Stowage
0 .. 1	CompatibilityGroup
0 .. 1	PowderWeight
	unit
0 .. 1	RadioactivityInformation
1 .. 1	xs:sequence
1 .. 1	Activity
	unit
1 .. 1	Category
1 .. 1	TransportCode
1 .. 1	PackingType
0 .. 1	Dimensions
1 .. 1	xs:sequence
1 .. 999	Dimension
1 .. 1	xs:sequence
0 .. 1	Count
0 .. 1	Size
1 .. 1	xs:sequence
0 .. 1	Length
	unit
0 .. 1	Width
	unit
0 .. 1	Height
	unit
0 .. 1	Volume
1 .. 1	xs:sequence
0 .. 1	Single
	unit
0 .. 1	Total
	unit
0 .. 1	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
	CustomsInformation

Ocurrence	Element/Attribute
0 .. 1	
1 .. 1	xs:sequence
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
1 .. 1	CustomsReferences
1 .. 1	xs:sequence
0 .. 1	ATBNumber
0 .. 1	TransitMRN
0 .. 1	ExportMRN
1 .. 1	EXSMRNs
1 .. 1	xs:sequence
1 .. 999	MRN
0 .. 1	DangerousGoodsInformations
1 .. 1	xs:sequence
1 .. 99	DangerousGoodsInformation
1 .. 1	xs:sequence
0 .. 1	IMDGAmendment
1 .. 1	IMDGClass
1 .. 1	UNNumber
0 .. 1	EmergencyProcedure
1 .. 1	xs:sequence
0 .. 1	FireSchedule
0 .. 1	SpillageSchedule
0 .. 1	FlashPoint
	unit
0 .. 1	Label
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	FirstAdditionalLabel
0 .. 1	SecondAdditionalLabel
0 .. 1	MarinePollutantIndicator
1 .. 1	LimitedQuantityIndicator
0 .. 1	ExceptedQuantityIndicator
0 .. 1	PackingGroup
0 .. 1	Properties
0 .. 1	WaterHazardClass

Ocurrence	Element/Attribute
1 .. 1	PropperShippingName
0 .. 1	TechnicalName
0 .. 1	GGVSAAndADRInformation
1 .. 1	xs:sequence
0 .. 1	Class
0 .. 1	Figure
0 .. 1	ExplosiveInformation
1 .. 1	xs:sequence
0 .. 1	Stowage
0 .. 1	CompatibilityGroup
0 .. 1	PowderWeight
	unit
0 .. 1	RadioactivityInformation
1 .. 1	xs:sequence
1 .. 1	Activity
	unit
1 .. 1	Category
1 .. 1	TransportCode
1 .. 1	PackingType
0 .. 1	Dimensions
1 .. 1	xs:sequence
1 .. 999	Dimension
1 .. 1	xs:sequence
0 .. 1	Count
0 .. 1	Size
1 .. 1	xs:sequence
0 .. 1	Length
	unit
0 .. 1	Width
	unit
0 .. 1	Height
	unit
0 .. 1	Volume
1 .. 1	xs:sequence
0 .. 1	Single
	unit
0 .. 1	Total
	unit
0 .. 1	Containers
1 .. 1	xs:sequence
1 .. 999	Container
1 .. 1	xs:sequence
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
1 .. 1	MRNOptions
1 .. 1	xs:sequence
1 .. 1	ExitSummaryDeclarations

Ocurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 999	ExitSummaryDeclaration
1 .. 1	xs:sequence
1 .. 1	MRN
1 .. 1	ReleaseDateTime
1 .. 1	WKSPcedure

3 Guideline

Element/Attribute	Annotation
PortOrder	Type PortOrderElementType
xs:sequence	Occurrence 1 .. 1
Transaction	Occurrence 1 .. 1 Type TransactionType
xs:sequence	Occurrence 1 .. 1
IOPartner	Occurrence 1 .. 1 Type an..4 Length .. 4 Description DAKOSY participant code
IOReference	Occurrence 1 .. 1 Type an..35 Length .. 35 Description Unique and unambiguous transaction identification reference
IODateTime	Occurrence 1 .. 1 Type xs:dateTime Description Date and time of message creation - ISO 8601 Coordinated Universal Time (UTC) or local time with offset to UTC.
MessageVersion	Occurrence 1 .. 1 Type an..12 Length .. 12 Description Used message version
TestIndicator	Occurrence 0 .. 1 Type xs:boolean Description Test indicator - Indicates whether or not the message is a test message. If the element is not specified or specified as "true", it is about a production message.
Message	Occurrence 1 .. 1 Type MessageType
xs:sequence	Occurrence 1 .. 1
Header	Occurrence 1 .. 1 Type HeaderType
xs:sequence	Occurrence 1 .. 1
Type	Occurrence 1 .. 1 Type portOrderTypeCode Description Port Order Type
RequestDateTime	Applicable Codes DUX EAS declaration 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.
Locations	Occurrence 1 .. 1 Type LocationsType Description This segment summarizes information concerning the shipment route.
xs:sequence	Occurrence 1 .. 1
Location	Occurrence 1 .. 2 Type LocationType Description A location within the shipment route.
xs:sequence	Occurrence 1 .. 1
LocationType	Occurrence 1 .. 1 Type locationTypeCode Description Describes the location type
Code	Applicable Codes FD Final destination POD Port of discharge Occurrence 0 .. 1 Type an5 Description UN-Locode

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
	Applicable Codes
	AGENT Shipping agent
	ISSUER Issuer
	PARTY_PAYIN Party committing to payment
	G
	WAREHOUSE Warehouse
	WKS_CARRIE Carrier
	R
└─ DakosyCode	Occurrence 0 .. 1 Type an..4 Length .. 4 Description DAKOSY participant code
└─ Identification	Occurrence 0 .. 1 Type IdentificationType Description Identification of participant via EORI and branch number
└─ xs:sequence	Occurrence 1 .. 1
└─ EORINumber	Occurrence 1 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number
└─ BranchNumber	Occurrence 1 .. 1 Type n4 FractionDigits 0 TotalDigits 4 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	Occurence 0 .. 1 Type an..6 Length .. 6 Description Quai account number of participant
CustomerReference	Occurence 0 .. 1 Type an..16 Length .. 16 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 Description Name of contact person
E-Mail	Occurence 1 .. 1 Type an..100 Length .. 100 Description Email address of contact person
FAX	Occurence 0 .. 1 Type an..40 Length .. 40 Description Fax number of contact person
Phone	Occurence 1 .. 1 Type an..40 Length .. 40 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 Description Vessel name
CallSign	Occurence 0 .. 1 Type an..7 Length .. 7 Description Call sign of the vessel
IMONumber	Occurence 0 .. 1 Type an..7 Length .. 7 Description IMO number of the vessel
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 Description Planned date of shipment
DakosyVoyageNumber	Occurence 0 .. 1 Type dakosyVoyageNumberType Pattern [A-Z]{3}[0-9]{4} Description DAKOSY voyage number

Element/Attribute	Annotation																																						
CarrierSCACCode	<p>Occurence 0 .. 1 Type an..4 Length .. 4 Description SCAC code of shipowner</p>																																						
VoyageNumber	<p>Occurence 0 .. 1 Type an..8 Length .. 8 Description Voyage number of shipowner</p>																																						
QuayOrderDetails	<p>Occurence 0 .. 1 Type QuayOrderDetailsType</p>																																						
xs:sequence	<p>Occurence 1 .. 1</p>																																						
Orders	<p>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.</p>																																						
xs:sequence	<p>Occurence 1 .. 1</p>																																						
TypeOfService	<p>Occurence 1 .. 5 Type typeOfServiceCode Description Service/order type</p> <p>Applicable Codes</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
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593	Weigh in batches																																						
594	Weigh with mechanical handling equipment																																						
595	Weigh without mechanical handling equipment																																						
596	Classification (determine tara)																																						
999	Other																																						
Delivery	<p>Occurence 0 .. 1 Type DeliveryType Description This segment provides information concerning the delivery.</p>																																						
xs:sequence	<p>Occurence 1 .. 1</p>																																						
VehicleIdentification	<p>Occurence 0 .. 1 Type an..13 Length .. 13 Description Wagon/truck number plate</p>																																						
MeansOfTransport	<p>Occurence 0 .. 1 Type meansOfTransportCode Description Code of means of transport</p> <p>Applicable Codes</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																								
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LK	Truck																																						
SC	Barge																																						
SS	Seagoing/Ocean vessel																																						

Element/Attribute	Annotation
	Applicable Codes
	TL Trailer
	UN Unknown
	WG Waggon
DeliveryTo	Occurrence 0 .. 1 Type an..30 Length .. 30 Description At the disposal/delivery of the company
AdditionalRemarks	Occurrence 0 .. 1 Type an..4lines Pattern (:?[\r?\n]{1,72}(\r?\n)?){0,3}[\r?\n]{1,72}[\r?\n]? Description Additional information - remarks etc. Specification of 1-4 columns with each max. 72 characters
AdditionalRequest	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Additional requests
WarehouseNumber	Occurrence 0 .. 1 Type an..11 Length .. 11 Description Warehouse number
SpecialAgreement	Occurrence 0 .. 1 Type an..8 Length .. 8 Description Special agreements (e.g. special rate, offers)
GoodsInTransitBySeaIndicator	Occurrence 0 .. 1 Type xs:boolean Description Is it about marine transit goods? (true = yes, false = no)
OutboardLoadingIndicator	Occurrence 0 .. 1 Type xs:boolean Description Is it about outboard loading? (true = yes, false = no)
ATLASelfDeclaredIndicator	Occurrence 0 .. 1 Type xs:boolean Description Is it about a ATLAS self-declaration? (true = yes, false = no) Deprecated since version 1.3.0, will not be processed.
DangerousGoodsIssuer	Occurrence 0 .. 1 Type an..72 Length .. 72 Description Issuer (individual) in charge for the DG specifications
GoodsItems	Occurrence 1 .. 1 Type GoodsItemsType Description All packages of this shipment
xs:sequence	
GoodsItem	Occurrence 1 .. 999 Type GoodsItemType Description A package (goods item) line
xs:sequence	
GoodsItemId	Occurrence 1 .. 1 Type an..35 Length .. 35 Description Unique and unambiguous goods item identification number within a message
DetailInformation	Occurrence 1 .. 1 Type GoodsDetailInformationType Description Different detail information regarding the package (goods item)
xs:sequence	
NumberOfPackages	Occurrence 1 .. 1 Type n..6 FractionDigits 0 TotalDigits 6 Inclusive 1 .. Pattern \d{1,6}

Element/Attribute	Annotation
PackingCode	Description Number of packages
	Occurrence 1 .. 1
	Type an2
GrossWeight	Description Packing code. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf
	Occurrence 1 .. 1
	Type Weight7.3Type
unit	FractionDigits 3
	TotalDigits 10
	Pattern \d{1,7}(\.\d{1,3})?
NetWeight	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.
	Occurrence 0 .. 1
	Type Weight7.3Type
unit	FractionDigits 3
	TotalDigits 10
	Pattern \d{1,7}(\.\d{1,3})?
MarksAndNumbers	Description Net weight, net mass. The net mass is understood to be the mass of the goods without all enclosures.
	Occurrence 0 .. 1
	Type Weight7.3Type
GoodsDescription	Description Unit of measurement of the weight
	Occurrence 0 .. 1
	Type an..1024
MeansOfTransportID	Applicable Codes
	KGM Kilogramm
	Description Marks and numbers
Remarks	Occurrence 0 .. 1
	Type an..1024
	Length .. 1024
ContainerReferences	Description Goods description
	Occurrence 0 .. 1
	Type an..13
ContainerReference	Length .. 13
	Description Means of transport indicator
	Occurrence 0 .. 1
ContainerNumber	Type an..1024
	Length .. 1024
	Remark G27
VehicleInformation	Description Remarks
	Occurrence 0 .. 1
	Type ContainerReferencesType
xs:sequence	Occurrence 1 .. 1
	Type ContainerReferenceType
	Occurrence 1 .. 999
xs:sequence	Type ContainerReferenceType
	Occurrence 1 .. 1
	Occurrence 1 .. 1
xs:sequence	Type an..12
	Length .. 12
	Description Container number
xs:sequence	Occurrence 0 .. 1
	Type VehicleInformationType
	Description Information to a vehicle
xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
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>
CustomsInformation	<p>Occurrence 0 .. 1 Type CustomsInformationType Description Information concerning the customs procedure</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
CountryOfDeparture	<p>Occurrence 0 .. 1 Type an2 Description Country of dispatch/export/origin - ISO country code (Mandatory in case of MIT, DUX without MRN and AUS; mandatory in case of EUB, if country of dispatch is a non-EU country).</p>
CountryOfDestination	<p>Occurrence 0 .. 1 Type an2 Description Country of destination - Not permitted in case of declaration type AES.</p>
Participants	<p>Occurrence 0 .. 1 Type CustomsParticipantsType Description Participants involved in the customs process</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Participant	<p>Occurrence 1 .. 999 Type CustomsParticipantType Description An involved participant</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ParticipantType	<p>Occurrence 1 .. 1 Type customsParticipantTypeCode Description Participant type</p> <p>Applicable Codes</p> <p>CONSIGNEE Consignee DECLARANT Declarant EXPORTER Exporter REPRESENTI Representing company NG_COMPAN Y</p>
EORINumber	<p>Occurrence 0 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number with branch. Alternatively to ParticipantsName in case of DUX without MRN. In case of one-stage AES procedure the EORI number for ParticipantType EXPORTER and/or REPRESENTING COMPANY must be specified.</p>
BranchNumber	<p>Occurrence 0 .. 1 Type n4 FractionDigits 0 TotalDigits 4 Pattern \d{4}</p>

Element/Attribute	Annotation
Name	Description Branch number
	Occurrence 0 .. 1
	Type an..40 Length .. 40
Address	Description Name
	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 0 .. 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}){1}([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 1 .. 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

Element/Attribute	Annotation
– TransitMRN	<p>declaration") must be specified.</p> <p>Occurrence 0 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description MRN number of shipment - shipping label number / MRN number of the shipment (not to be confused with the MRN of the export procedure).</p>
– ExportMRN	<p>Occurrence 0 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description Number of export declaration. Mandatory in case of declaration type AUS.</p>
– EXSMRNs	<p>Occurrence 1 .. 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.</p>
– xs:sequence	Occurrence 1 .. 1
– MRN	<p>Occurrence 1 .. 999 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description Master reference number (previously movement reference number)</p>
– DangerousGoodsInformations	<p>Occurrence 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.</p>
– xs:sequence	Occurrence 1 .. 1
– DangerousGoodsInformation	<p>Occurrence 1 .. 99 Type DangerousGoodsInformationType Description Dangerous goods information</p>
– xs:sequence	Occurrence 1 .. 1
– IMDGAmendment	<p>Occurrence 0 .. 1 Type an..10 Length .. 10 Description Amendment of IMDG code where the dangerous goods information refer to</p>
– IMDGClass	<p>Occurrence 1 .. 1 Type an..4 Length .. 4 Description IMDG class - check against the IMDG code as well as compatibility assessment with UN number</p>
– UNNumber	<p>Occurrence 1 .. 1 Type an..4 Length .. 4 Description UN number - check against the IMDG code as well as compatibility assessment with IMDG class. NONE permitted.</p>
– EmergencyProcedure	<p>Occurrence 0 .. 1 Type EmergencyProcedureType</p>
– xs:sequence	Occurrence 1 .. 1
– FireSchedule	<p>Occurrence 0 .. 1 Type fireScheduleType Pattern F-[A-J] Description Accident leaflets for fire (emergency procedure)</p>
– SpillageSchedule	<p>Occurrence 0 .. 1 Type spillageScheduleType Pattern S-[A-Z] Description Accident leaflets for leakage (emergency procedure)</p>

Element/Attribute	Annotation
FlashPoint	<p>Occurrence 0 .. 1 Type Temperature1000Type FractionDigits 0 Inclusive -999 .. 999 Description Flashpoint - Mandatory in case of class 3 or if the 1. digit of a table = 3</p>
unit	<p>Type temperatureUnitCode Description Unit of temperature</p>
Label	<p>Applicable Codes CEL Celsius</p> <p>Occurrence 0 .. 1 Type DGLabelType Description Label</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Code	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description Code</p>
FirstAdditionalLabel	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description First additional label</p>
SecondAdditionalLabel	<p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description Second additional label</p>
MarinePollutantIndicator	<p>Occurrence 0 .. 1 Type xs:boolean Description Indicator marine pollutant</p>
LimitedQuantityIndicator	<p>Occurrence 1 .. 1 Type xs:boolean Description Indicator limited quantity</p>
ExceptedQuantityIndicator	<p>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.)</p>
PackingGroup	<p>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 ProperShippingName: NOS/nos/N.O.S./n.o.s./NAG/nag/N.A.G./n.a.g. Possible contents I, II, III >= (does not apply for the class 1,2 and 7)</p>
Properties	<p>Occurrence 0 .. 1 Type an..216 Length .. 216 Description Properties/remarks</p>
WaterHazardClass	<p>Occurrence 0 .. 1 Type waterHazardClassCode Description WGK code, water hazard class - coding: 0/1/2/3</p> <p>Applicable Codes 0 not assigned 1 low water hazard material 2 water hazard material 3 high water hazard material</p>
PropperShippingName	<p>Occurrence 1 .. 1 Type an..72 Length .. 72 Description Proper technical term - Proper technical shipping term</p>

Element/Attribute	Annotation
	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.
GGVSAndADRInformation	Occurrence 0 .. 1 Type DGGVSAndADRInformationType Description GGVS/ADR specifications - Specifications referring to the dangerous goods regulations street
xs:sequence	Occurrence 1 .. 1
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
	Applicable Codes
	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
	Applicable Codes
	2Q Kilobecquerel
	4N Megabecquerel
	BQ Becquerel (Deprecated!)
	BQL Becquerel
	GBQ Gigabecquerel
	KBQ Kilobecquerel (Deprecated!)
	MBQ Megabecquerel (Deprecated!)
	PBQ Petabecquerel
	TBQ Terabecquerel

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

Element/Attribute	Annotation
Width	<p>Occurence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Width</p>
unit	<p>Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter</p>
Height	<p>Occurence 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 Applicable Codes CMT Zentimeter/Centimeter</p>
Volume	<p>Occurence 0 .. 1 Type VolumeType Description Measurements volume</p>
xs:sequence	<p>Occurence 1 .. 1</p>
Single	<p>Occurence 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 Applicable Codes MTQ Kubikmeter</p>
Total	<p>Occurence 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 Applicable Codes MTQ Kubikmeter</p>
Packages	<p>Occurence 0 .. 1 Type PackagesType Description All positions to a package line</p>
xs:sequence	<p>Occurence 1 .. 1</p>
Package	<p>Occurence 1 .. 999 Type PackageType Description A position to a goods item</p>
xs:sequence	<p>Occurence 1 .. 1</p>
PackagedId	<p>Occurence 1 .. 1 Type an..35 Length .. 35 Description A unique and unambiguous package identification number</p>
DetailInformation	<p>Occurence 1 .. 1 Type GoodsDetailInformationType Description Several detail information to goods item</p>
xs:sequence	<p>Occurence 1 .. 1</p>

Element/Attribute	Annotation
NumberOfPackages	<p>Occurrence 1 .. 1 Type n..6 FractionDigits 0 TotalDigits 6 Inclusive 1 .. Pattern \d{1,6} Description Number of packages</p>
PackingCode	<p>Occurrence 1 .. 1 Type an2 Description Packing code. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf</p>
GrossWeight	<p>Occurrence 1 .. 1 Type Weight7.3Type FractionDigits 3 TotalDigits 10 Pattern \d{1,7}(\.\d{1,3})? 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 Applicable Codes 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 Applicable Codes 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 [^\iO]{1,17} Description Chassis number of a vehicle - Note: The character "I" and</p>

Element/Attribute	Annotation
EquipmentIndicator	<p>"0" are not permitted. Instead, always send the digit "1" (one) and "0" (zero).</p> <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>
CustomsInformation	<p>Occurrence 0 .. 1 Type CustomsInformationPackageType Description Information to customs procedure</p>
xs:sequence	Occurrence 1 .. 1
CountryOfDeparture	<p>Occurrence 0 .. 1 Type an2 Description Country of dispatch/export/origin - ISO country code (Mandatory in case of MIT, DUX without MRN and AUS; mandatory in case of EUB, if country of dispatch is a non-EU country).</p>
CountryOfDestination	<p>Occurrence 0 .. 1 Type an2 Description Country of destination - Not permitted in case of declaration type AES.</p>
Participants	<p>Occurrence 0 .. 1 Type CustomsParticipantsType Description Participants involved in the customs process</p>
xs:sequence	Occurrence 1 .. 1
Participant	<p>Occurrence 1 .. 999 Type CustomsParticipantType Description An involved participant</p>
xs:sequence	Occurrence 1 .. 1
ParticipantType	<p>Occurrence 1 .. 1 Type customsParticipantTypeCode Description Participant type</p> <p>Applicable Codes</p> <p>CONSIGNEE Consignee DECLARANT Declarant EXPORTER Exporter REPRESENTI Representing company NG_COMPAN Y</p>
EORINumber	<p>Occurrence 0 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} Description EORI number with branch. Alternatively to ParticipantName 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>Occurrence 0 .. 1 Type n4 FractionDigits 0 TotalDigits 4 Pattern \d{4} Description Branch number</p>
Name	<p>Occurrence 0 .. 1 Type an..40 Length .. 40 Description Name</p>

Element/Attribute	Annotation
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 0 .. 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 1 .. 1 Type CustomsReferencesPackageType 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.
TransitMRN	Occurrence 0 .. 1 Type mrnType Pattern \d{2}[A-Z]{2}[A-Z\d]{14} Description MRN number of shipment - shipping label number / MRN

Element/Attribute	Annotation
	number of the shipment (not to be confused with the MRN of the export procedure).
ExportMRN	<p>Occurence 0 .. 1</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Description Number of export declaration. Mandatory in case of declaration type AUS.</p>
EXSMRNs	<p>Occurence 1 .. 1</p> <p>Type EXSMRNsType</p> <p>Description Mandatory in case of declaration type DUX with MRN. Attention: The information is forwarded to quay operators, brokers and shipowners, the processing/use however is not binding and is optional for the consignee.</p>
xs:sequence	Occurence 1 .. 1
MRN	<p>Occurence 1 .. 999</p> <p>Type mrnType</p> <p>Pattern \d{2}[A-Z]{2}[A-Z\d]{14}</p> <p>Description Master reference number (previously movement reference number)</p>
DangerousGoodsInformations	<p>Occurence 0 .. 1</p> <p>Type DangerousGoodsInformationsType</p> <p>Description Dangerous goods informations</p>
xs:sequence	Occurence 1 .. 1
DangerousGoodsInformation	<p>Occurence 1 .. 99</p> <p>Type DangerousGoodsInformationType</p> <p>Description Dangerous goods information</p>
xs:sequence	Occurence 1 .. 1
IMDGAmendment	<p>Occurence 0 .. 1</p> <p>Type an..10</p> <p>Length .. 10</p> <p>Description Amendment of IMDG code where the dangerous goods information refer to</p>
IMDGClass	<p>Occurence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Description IMDG class - check against the IMDG code as well as compatibility assessment with UN number</p>
UNNumber	<p>Occurence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Description UN number - check against the IMDG code as well as compatibility assessment with IMDG class. NONE permitted.</p>
EmergencyProcedure	<p>Occurence 0 .. 1</p> <p>Type EmergencyProcedureType</p>
xs:sequence	Occurence 1 .. 1
FireSchedule	<p>Occurence 0 .. 1</p> <p>Type fireScheduleType</p> <p>Pattern F-[A-J]</p> <p>Description Accident leaflets for fire (emergency procedure)</p>
SpillageSchedule	<p>Occurence 0 .. 1</p> <p>Type spillageScheduleType</p> <p>Pattern S-[A-Z]</p> <p>Description Accident leaflets for leakage (emergency procedure)</p>
FlashPoint	<p>Occurence 0 .. 1</p> <p>Type Temperature1000Type</p> <p>FractionDigits 0</p> <p>Inclusive -999 .. 999</p> <p>Description Flashpoint - Mandatory in case of class 3 or if the 1. digit of a lable = 3</p>
unit	<p>Type temperatureUnitCode</p> <p>Description Unit of temperature</p>

Element/Attribute	Annotation
	Applicable Codes
	CEL Celsius
Label	Occurrence 0 .. 1 Type DGLabelType Description Label
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 ProperShippingName: NOS/nos/N.O.S./n.o.s./NAG/nag/N.A.G./n.a.g. Possible contents I, II, III >= (does not apply for the class 1,2 and 7)
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
	Applicable Codes
	0 not assigned
	1 low water hazard material
	2 water hazard material
	3 high water hazard material
PropperShippingName	Occurrence 1 .. 1 Type an..72 Length .. 72 Description Proper technical term - Proper 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

Element/Attribute	Annotation
	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 Description Class
Figure	Occurence 0 .. 1 Type an..4 Length .. 4 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 Description Stowage method (acc. to 27. Amdt. IMDG code)
CompatibilityGroup	Occurence 0 .. 1 Type an1 Description Compatibility group
PowderWeight	Occurence 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
	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 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 Description Category
TransportCode	Occurence 1 .. 1 Type an..3 Length .. 3 Description Transport code (not required in case of sheet number 01-04)

Element/Attribute	Annotation
└─ PackingType	<p>Occurrence 1 .. 1</p> <p>Type dgPackingTypeCode</p> <p>Description Packing type class 7</p> <p>Applicable Codes</p> <p>A Type A Package</p> <p>B(M) Type B(M) Package</p> <p>B(U) Type B(U) Package</p> <p>C Type C Package</p> <p>FREI Excepted Package</p> <p>IP-1 Industrial Package Type 1 (Type IP-1 Package)</p> <p>IP-2 Industrial Package Type 2 (Type IP-2 Package)</p> <p>IP-3 Industrial Package Type 3 (Type IP-3 Package)</p> <p>IP1 Industrial Package Type 1 (Type IP-1 Package) (Deprecated!)</p> <p>IP2 Industrial Package Type 2 (Type IP-2 Package) (Deprecated!)</p> <p>TYP A Type A Package (Deprecated!)</p> <p>TYP B Type B(U) Package (Deprecated!)</p> <p>TYP C Type C Package (Deprecated!)</p> <p>TYP M Type B(M) Package (Deprecated!)</p>
└─ Dimensions	<p>Occurrence 0 .. 1</p> <p>Type DimensionsType</p> <p>Description Measurements forwarding agency</p>
└─ xs:sequence	
└─ Dimension	<p>Occurrence 1 .. 999</p> <p>Type DimensionType</p> <p>Description Dimensions forwarding agency</p>
└─ xs:sequence	
└─ Count	<p>Occurrence 1 .. 1</p> <p>Occurrence 0 .. 1</p> <p>Type n..4</p> <p>FractionDigits 0</p> <p>TotalDigits 4</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,4}</p> <p>Description Number</p>
└─ Size	<p>Occurrence 0 .. 1</p> <p>Type SizeType</p> <p>Description Length specifications</p>
└─ xs:sequence	
└─ Length	<p>Occurrence 1 .. 1</p> <p>Occurrence 0 .. 1</p> <p>Type LengthType</p> <p>FractionDigits 0</p> <p>TotalDigits 4</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,4}</p> <p>Description Length</p>
└─ unit	<p>Type sizeUnitCode</p> <p>Description Unit of size specifications</p> <p>Applicable Codes</p> <p>CMT Zentimeter/Centimeter</p>
└─ Width	<p>Occurrence 0 .. 1</p> <p>Type LengthType</p> <p>FractionDigits 0</p> <p>TotalDigits 4</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,4}</p> <p>Description Width</p>
└─ unit	<p>Type sizeUnitCode</p> <p>Description Unit of size specifications</p> <p>Applicable Codes</p> <p>CMT Zentimeter/Centimeter</p>

Element/Attribute	Annotation
Height	<p>Occurence 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 Applicable Codes CMT Zentimeter/Centimeter</p>
Volume	<p>Occurence 0 .. 1 Type VolumeType Description Measurements volume</p>
xs:sequence	<p>Occurence 1 .. 1</p>
Single	<p>Occurence 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 Applicable Codes MTQ Kubikmeter</p>
Total	<p>Occurence 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 Applicable Codes MTQ Kubikmeter</p>
Containers	<p>Occurence 0 .. 1 Type ContainersType Description This element summarizes information to all containers of a batch.</p>
xs:sequence	<p>Occurence 1 .. 1</p>
Container	<p>Occurence 1 .. 999 Type ContainerType Description Information about a container</p>
xs:sequence	<p>Occurence 1 .. 1</p>
ContainerNumber	<p>Occurence 1 .. 1 Type an..12 Length .. 12 Description Container number</p>
NonIsoContainerIndicator	<p>Occurence 0 .. 1 Type xs:boolean 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>Occurence 0 .. 1 Type an..11 Length .. 11 Description Seal number</p>
SizeType	<p>Occurence 1 .. 1 Type an..4 Length .. 4 Description Container size and type code according to ISO6346</p>
TemperatureRange	<p>Occurence 0 .. 1 Type TemperatureRangeType</p>

Element/Attribute	Annotation
	Description Temperature range
	Occurrence 1 .. 1
xs:sequence	
Min	Occurrence 0 .. 1
	Type Temperature100Type
	FractionDigits 0
	Inclusive -99 .. 99
	Description Minimum temperature
unit	Type temperatureUnitCode
	Description Unit of temperature
	Applicable Codes
	CEL Celsius
Max	Occurrence 0 .. 1
	Type Temperature100Type
	FractionDigits 0
	Inclusive -99 .. 99
	Description Maximum temperature
unit	Type temperatureUnitCode
	Description Unit of temperature
	Applicable Codes
	CEL Celsius
MRNOptions	Occurrence 1 .. 1
	Type MRNOptionsType
	Description Extended options concerning the specified MRN
xs:sequence	
ExitSummaryDeclarations	Occurrence 1 .. 1
	Occurrence 1 .. 1
	Type ExitSummaryDeclarationsType
	Description MRN of the summary exit declaration inclusive the date/ time of release
xs:sequence	
ExitSummaryDeclaration	Occurrence 1 .. 1
	Occurrence 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	
MRN	Occurrence 1 .. 1
	Occurrence 1 .. 1
	Type mrnType
	Pattern \d{2}[A-Z]{2}[A-Z\d]{14}
	Description Master reference number (previously movement reference number)
ReleaseDateTime	Occurrence 1 .. 1
	Type xs:dateTime
	Description Date and time of release - time of release from the point of view of the port order is the time at which the above message was received. Information such as "00:00:00", the current time or the date and time of the MRN receipt shall not be permitted.
WKSProcedure	Occurrence 1 .. 1
	Type wksProcedureCode
	Description WKS Procedure
	Applicable Codes
	ASUMA Exit Summary Declaration
	WAM Re-Export Notice