



# EMP

## Port Order XML – Declaration case „SAC“

Implementation manual  
Version 1.4.1.0/E

(Valid from April 2026)

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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	Dangerous goods information can now also be specified for consolidated containers	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 „SAC“.

The declaration case „SAC“ is used if several Port Order single references (B-/S-/Z-numbers) are summarized to a collective reference (B-/S-/Z-number).

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>ConsolidationDetails</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>AssignedPortOrderReferences</b>
1 .. 1	xs:sequence
1 .. 1	PortOrderReference
0 .. 1	CompletenessIndicator
<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	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>DangerousGoodsInformations</b>
1 .. 1	xs:sequence
<b>1 .. 1</b>	<b>DangerousGoodsInformation</b>
1 .. 1	xs:sequence
0 .. 1	IMDGAmendment
1 .. 1	IMDGClass

Ocurrence	Element/Attribute
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
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

Ocurrence	Element/Attribute
0 .. 1	<b>Packages</b>
1 .. 1	xs:sequence
1 .. 999	<b>Package</b>
1 .. 1	xs:sequence
1 .. 1	<b>Packageld</b>
1 .. 1	<b>DetailInformation</b>
1 .. 1	xs:sequence
1 .. 1	<b>NumberOfPackages</b>
1 .. 1	<b>PackingCode</b>
1 .. 1	<b>GrossWeight</b>
	unit
0 .. 1	<b>MarksAndNumbers</b>
0 .. 1	<b>GoodsDescription</b>
0 .. 1	<b>MeansOfTransportID</b>
0 .. 1	<b>Remarks</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>
	unit
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
0 .. 1	<b>Stowage</b>
0 .. 1	<b>CompatibilityGroup</b>
0 .. 1	<b>PowderWeight</b>
	unit
0 .. 1	<b>RadioactivityInformation</b>
1 .. 1	xs:sequence
1 .. 1	<b>Activity</b>
	unit

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

### 3 Guideline

Element/Attribute	Annotation
<b>PortOrder</b>	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 "false", 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	<b>Applicable Codes</b> SAC Consolidated container 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	<b>Applicable Codes</b> FD Final destination POD Port of discharge Occurrence 0 .. 1 Type an5 Description UN-Locode

Element/Attribute	Annotation
└─ Name	<b>Occurence</b> 0 .. 1 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> Name of location
└─ References	<b>Occurence</b> 1 .. 1 <b>Type</b> ReferencesType
└─ xs:sequence	<b>Occurence</b> 1 .. 1
└─ BookingNumber	<b>Occurence</b> 0 .. 1 <b>Type</b> an..20 <b>Length</b> .. 20 <b>Description</b> Booking number
└─ ForwarderReference	<b>Occurence</b> 1 .. 1 <b>Type</b> an..16 <b>Length</b> .. 16 <b>Description</b> Reference number of forwarder
└─ BillOfLadingNumber	<b>Occurence</b> 0 .. 1 <b>Type</b> an..10 <b>Length</b> .. 10 <b>Description</b> BL number
└─ Participants	<b>Occurence</b> 1 .. 1 <b>Type</b> ParticipantsType <b>Description</b> This element summarizes information concerning the different process participants.
└─ xs:sequence	<b>Occurence</b> 1 .. 1
└─ Participant	<b>Occurence</b> 1 .. 999 <b>Type</b> ParticipantType <b>Description</b> This segment summarizes information concerning one process participant at a time.
└─ xs:sequence	<b>Occurence</b> 1 .. 1
└─ ParticipantType	<b>Occurence</b> 1 .. 1 <b>Type</b> participantTypeCode <b>Description</b> 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
└─ DakosyCode	<b>Occurence</b> 0 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Description</b> DAKOSY participant code
└─ Identification	<b>Occurence</b> 0 .. 1 <b>Type</b> IdentificationType <b>Description</b> Identification of participant via EORI and branch number
└─ xs:sequence	<b>Occurence</b> 1 .. 1
└─ EORINumber	<b>Occurence</b> 1 .. 1 <b>Type</b> eoriNumberType <b>Length</b> 4 .. 17 <b>Pattern</b> [A-Z]{2}[0-9A-Z]{2,15} <b>Description</b> EORI number
└─ BranchNumber	<b>Occurence</b> 1 .. 1 <b>Type</b> an4 <b>Pattern</b> \d{4} <b>Description</b> Branch number, set to 0000 if not registered.
└─ Name	<b>Occurence</b> 0 .. 1 <b>Type</b> an..40 <b>Length</b> .. 40 <b>Description</b> Name of participant
└─ QuayAccountNumber	<b>Occurence</b> 0 .. 1 <b>Type</b> an..6 <b>Length</b> .. 6 <b>Description</b> Quai account number of participant

Element/Attribute	Annotation
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
CarrierSCACCode	Occurrence 0 .. 1 Type an..4 Length .. 4 Description SCAC code of shipowner

Element/Attribute	Annotation																																						
└ 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><b>480</b></td><td>Labelling</td></tr> <tr><td><b>490</b></td><td>Re-labelling</td></tr> <tr><td><b>500</b></td><td>Sorting</td></tr> <tr><td><b>510</b></td><td>Putting aside and releasing of goods for arbitrage purposes. Upon release third copy is returned.</td></tr> <tr><td><b>520</b></td><td>Maintenance and repair</td></tr> <tr><td><b>530</b></td><td>Counting</td></tr> <tr><td><b>540</b></td><td>Measuring (only for LCL)</td></tr> <tr><td><b>550</b></td><td>Sampling</td></tr> <tr><td><b>560</b></td><td>Surveillance</td></tr> <tr><td><b>570</b></td><td>Assessing content/condition</td></tr> <tr><td><b>580</b></td><td>Pack/unpack containers</td></tr> <tr><td><b>590</b></td><td>Weighing</td></tr> <tr><td><b>591</b></td><td>Weigh individually</td></tr> <tr><td><b>592</b></td><td>Weigh in trays</td></tr> <tr><td><b>593</b></td><td>Weigh in batches</td></tr> <tr><td><b>594</b></td><td>Weigh with mechanical handling equipment</td></tr> <tr><td><b>595</b></td><td>Weigh without mechanical handling equipment</td></tr> <tr><td><b>596</b></td><td>Classification (determine tara)</td></tr> <tr><td><b>999</b></td><td>Other</td></tr> </table>	<b>480</b>	Labelling	<b>490</b>	Re-labelling	<b>500</b>	Sorting	<b>510</b>	Putting aside and releasing of goods for arbitrage purposes. Upon release third copy is returned.	<b>520</b>	Maintenance and repair	<b>530</b>	Counting	<b>540</b>	Measuring (only for LCL)	<b>550</b>	Sampling	<b>560</b>	Surveillance	<b>570</b>	Assessing content/condition	<b>580</b>	Pack/unpack containers	<b>590</b>	Weighing	<b>591</b>	Weigh individually	<b>592</b>	Weigh in trays	<b>593</b>	Weigh in batches	<b>594</b>	Weigh with mechanical handling equipment	<b>595</b>	Weigh without mechanical handling equipment	<b>596</b>	Classification (determine tara)	<b>999</b>	Other
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<b>999</b>	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><b>AB</b></td><td>Outboard</td></tr> <tr><td><b>AN</b></td><td>Other</td></tr> <tr><td><b>BS</b></td><td>Inland vessel</td></tr> <tr><td><b>FE</b></td><td>Feeder</td></tr> <tr><td><b>LK</b></td><td>Truck</td></tr> <tr><td><b>SC</b></td><td>Barge</td></tr> <tr><td><b>SS</b></td><td>Seagoing/Ocean vessel</td></tr> <tr><td><b>TL</b></td><td>Trailer</td></tr> <tr><td><b>UN</b></td><td>Unknown</td></tr> <tr><td><b>WG</b></td><td>Waggon</td></tr> </table>	<b>AB</b>	Outboard	<b>AN</b>	Other	<b>BS</b>	Inland vessel	<b>FE</b>	Feeder	<b>LK</b>	Truck	<b>SC</b>	Barge	<b>SS</b>	Seagoing/Ocean vessel	<b>TL</b>	Trailer	<b>UN</b>	Unknown	<b>WG</b>	Waggon																		
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<b>UN</b>	Unknown																																						
<b>WG</b>	Waggon																																						

Element/Attribute	Annotation
DeliveryTo	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..30  <b>Length</b> .. 30  <b>Description</b> At the disposal/delivery of the company</p>
AdditionalRemarks	<p><b>Occurrence</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</p>
AdditionalRequest	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..35  <b>Length</b> .. 35  <b>Description</b> Additional requests</p>
WarehouseNumber	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..11  <b>Length</b> .. 11  <b>Description</b> Warehouse number</p>
SpecialAgreement	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..8  <b>Length</b> .. 8  <b>Description</b> Special agreements (e.g. special rate, offers)</p>
GoodsInTransitBySealIndicator	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Is it about marine transit goods? (true = yes, false = no)</p>
OutboardLoadingIndicator	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Is it about outboard loading? (true = yes, false = no)</p>
ATLASSelfDeclaredIndicator	<p><b>Occurrence</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.</p>
DangerousGoodsIssuer	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..72  <b>Length</b> .. 72  <b>Description</b> Issuer (individual) in charge for the DG specifications</p>
ConsolidationDetails	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> ConsolidationDetailsType  <b>Description</b> This segment summarizes all single ZAPP references, included in a consolidated cargo container ZAPP registration.</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
AssignedPortOrderReferences	<p><b>Occurrence</b> 1 .. 999  <b>Type</b> AssignedPortOrderReferencesType</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
PortOrderReference	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> an12  <b>Description</b> Single port order reference, included in this consolidated cargo container registration.</p>
CompletenessIndicator	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Indicator port order reference "completely in consolidated cargo container" (true/false), if missing, reference is assumed as "completely in consolidated cargo container"</p>
GoodsItems	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> GoodsItemsType  <b>Description</b> All packages of this shipment</p>
xs:sequence	<b>Occurrence</b> 1 .. 1
GoodsItem	<p><b>Occurrence</b> 1 .. 999  <b>Type</b> GoodsItemType  <b>Description</b> A package (goods item) line</p>
xs:sequence	<b>Occurrence</b> 1 .. 1

Element/Attribute	Annotation
GoodsItemId	<p><b>Occurence</b> 1 .. 1</p> <p><b>Type</b> an..35</p> <p><b>Length</b> .. 35</p> <p><b>Description</b> Unique and unambiguous goods item identification number within a message</p>
DetailInformation	<p><b>Occurence</b> 1 .. 1</p> <p><b>Type</b> GoodsDetailInformationType</p> <p><b>Description</b> Different detail information regarding the package (goods item)</p>
xs:sequence	<p><b>Occurence</b> 1 .. 1</p>
NumberOfPackages	<p><b>Occurence</b> 1 .. 1</p> <p><b>Type</b> n..6</p> <p><b>FractionDigits</b> 0</p> <p><b>TotalDigits</b> 6</p> <p><b>Pattern</b> \d{1,6}</p> <p><b>Description</b> Number of packages</p>
PackingCode	<p><b>Occurence</b> 1 .. 1</p> <p><b>Type</b> an2</p> <p><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</p> <p><b>Type</b> Weight7.3Type</p> <p><b>FractionDigits</b> 3</p> <p><b>TotalDigits</b> 10</p> <p><b>Pattern</b> \d{1,7}(\.\d{1,3})?</p> <p><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</p> <p><b>Description</b> Unit of measurement of the weight</p>
<b>Applicable Codes</b>	
KGM	Kilogramm
MarksAndNumbers	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> an..1024</p> <p><b>Length</b> .. 1024</p> <p><b>Description</b> Marks and numbers</p>
GoodsDescription	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> an..1024</p> <p><b>Length</b> .. 1024</p> <p><b>Description</b> Goods description</p>
MeansOfTransportID	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> an..13</p> <p><b>Length</b> .. 13</p> <p><b>Description</b> Means of transport indicator</p>
Remarks	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> an..1024</p> <p><b>Length</b> .. 1024</p> <p><b>Remark</b> G27</p> <p><b>Description</b> Remarks</p>
ContainerReferences	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> ContainerReferencesType</p>
xs:sequence	<p><b>Occurence</b> 1 .. 1</p>
ContainerReference	<p><b>Occurence</b> 1 .. 999</p> <p><b>Type</b> ContainerReferenceType</p>
xs:sequence	<p><b>Occurence</b> 1 .. 1</p>
ContainerNumber	<p><b>Occurence</b> 1 .. 1</p> <p><b>Type</b> an..12</p> <p><b>Length</b> .. 12</p> <p><b>Description</b> Container number</p>

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

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>– SecondAdditionalLabel</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> Second additional label</p>
<ul style="list-style-type: none"> <li>– MarinePollutantIndicator</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Indicator marine pollutant</p>
<ul style="list-style-type: none"> <li>– LimitedQuantityIndicator</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Type</b> xs:boolean  <b>Description</b> Indicator limited quantity</p>
<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> DGGVSAAndADRInformationType  <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</p>

Element/Attribute	Annotation
	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
RadioactivityInformation	<b>Applicable Codes</b> KGM Kilogramm 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
	<b>Applicable Codes</b> 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!)

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<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
<b>Height</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> Height
unit	<b>Type</b> sizeUnitCode
	<b>Description</b> Unit of size specifications
	<b>Applicable Codes</b>
	<b>CMT</b> Zentimeter/Centimeter
<b>Volume</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> VolumeType
	<b>Description</b> Measurements volume
xs:sequence	<b>Occurrence</b> 1 .. 1

Element/Attribute	Annotation
Single	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> Volume4.3Type</p> <p><b>FractionDigits</b> 3</p> <p><b>TotalDigits</b> 7</p> <p><b>Pattern</b> \d{1,4}(\.\d{1,3})?</p> <p><b>Description</b> Single coubage</p>
unit	<p><b>Type</b> volumeUnitCode</p> <p><b>Description</b> Unit of volume specifications</p> <p><b>Applicable Codes</b></p> <p><b>MTQ</b> Kubikmeter</p>
Total	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> Volume8.3Type</p> <p><b>FractionDigits</b> 3</p> <p><b>TotalDigits</b> 11</p> <p><b>Pattern</b> \d{1,8}(\.\d{1,3})?</p> <p><b>Description</b> Total coubage</p>
unit	<p><b>Type</b> volumeUnitCode</p> <p><b>Description</b> Unit of volume specifications</p> <p><b>Applicable Codes</b></p> <p><b>MTQ</b> Kubikmeter</p>
Packages	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> PackagesType</p> <p><b>Description</b> All positions to a package line</p>
xs:sequence	
Package	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Occurrence</b> 1 .. 999</p> <p><b>Type</b> PackageType</p> <p><b>Description</b> A position to a goods item</p>
xs:sequence	
Packageld	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> an..35</p> <p><b>Length</b> .. 35</p> <p><b>Description</b> A unique and unambiguous package identification number</p>
DetailInformation	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> GoodsDetailInformationType</p> <p><b>Description</b> Several detail information to goods item</p>
xs:sequence	
NumberOfPackages	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> n..6</p> <p><b>FractionDigits</b> 0</p> <p><b>TotalDigits</b> 6</p> <p><b>Pattern</b> \d{1,6}</p> <p><b>Description</b> Number of packages</p>
PackingCode	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> an2</p> <p><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>Occurrence</b> 1 .. 1</p> <p><b>Type</b> Weight7.3Type</p> <p><b>FractionDigits</b> 3</p> <p><b>TotalDigits</b> 10</p> <p><b>Pattern</b> \d{1,7}(\.\d{1,3})?</p> <p><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</p> <p><b>Description</b> Unit of measurement of the weight</p> <p><b>Applicable Codes</b></p> <p><b>KGM</b> Kilogramm</p>

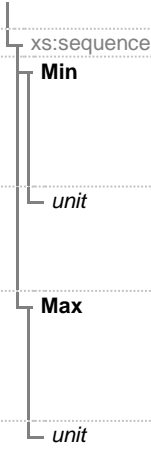
Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>— MarksAndNumbers</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..1024  <b>Length</b> .. 1024  <b>Description</b> Marks and numbers</p>
<ul style="list-style-type: none"> <li>— GoodsDescription</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..1024  <b>Length</b> .. 1024  <b>Description</b> Goods description</p>
<ul style="list-style-type: none"> <li>— MeansOfTransportID</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..13  <b>Length</b> .. 13  <b>Description</b> Means of transport indicator</p>
<ul style="list-style-type: none"> <li>— Remarks</li> </ul>	<p><b>Occurence</b> 0 .. 1  <b>Type</b> an..1024  <b>Length</b> .. 1024  <b>Remark</b> G27  <b>Description</b> Remarks</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 informations</p>
<ul style="list-style-type: none"> <li>— xs:sequence</li> </ul>	<p><b>Occurence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>— DangerousGoodsInformation</li> </ul>	<p><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</li> </ul>	<p><b>Occurence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>— IMDGAmendment</li> </ul>	<p><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</li> </ul>	<p><b>Occurence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>— FireSchedule</li> </ul>	<p><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>
<b>Applicable Codes</b>	
<b>CEL</b>	Celsius

Element/Attribute	Annotation
Label	Occurrence 0 .. 1 Type DGLabelType Description Label
	xs:sequence
Code	Occurrence 1 .. 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 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.
GGVSAndADRInformation	Occurrence 0 .. 1 Type DGGVSAndADRInformationType Description GGVS/ADR specifications - Specifications referring to the dangerous goods regulations street

Element/Attribute	Annotation
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
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
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

Element/Attribute	Annotation
	<b>Description</b> Packing type class 7 <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> Measurements forwarding agency
xs:sequence	
<b>Dimension</b>	<b>Occurrence</b> 1 .. 999 <b>Type</b> DimensionType <b>Description</b> Dimensions forwarding agency
xs:sequence	
<b>Count</b>	<b>Occurrence</b> 1 .. 1 <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>Length</b>	<b>Occurrence</b> 1 .. 1 <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>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  <b>Applicable Codes</b>  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  <b>Applicable Codes</b>  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  <b>Applicable Codes</b>  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
	<b>Description</b> Temperature range
	<b>Occurrence</b> 1 .. 1
	<b>Occurrence</b> 0 .. 1
	<b>Type</b> Temperature100Type
	<b>FractionDigits</b> 0
	<b>Inclusive</b> -99 .. 99
	<b>Description</b> Minimum temperature
	<b>Type</b> temperatureUnitCode
	<b>Description</b> Unit of temperature
	<b>Applicable Codes</b>
<b>CEL</b> Celsius	
<b>Occurrence</b> 0 .. 1	
<b>Type</b> Temperature100Type	
<b>FractionDigits</b> 0	
<b>Inclusive</b> -99 .. 99	
<b>Description</b> Maximum temperature	
<b>Type</b> temperatureUnitCode	
<b>Description</b> Unit of temperature	
<b>Applicable Codes</b>	
<b>CEL</b> Celsius	