



# EMP

## Port Order XML – Declaration case „SAC“

Implementation manual

Version 1.4.0.0/E

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## Change history

Version	Type of change	Changed by/ date	Checked by/ date
1.4.0.0/E	First valid version	24.10.2024	24.10.2024

## 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
<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>Dimensions</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>Dimension</b>
1 .. 1	xs:sequence
0 .. 1	Count
<b>0 .. 1</b>	<b>Size</b>
1 .. 1	xs:sequence

Ocurrence	Element/Attribute
0 .. 1	Length
	unit
0 .. 1	Width
	unit
0 .. 1	Height
	unit
<b>0 .. 1</b>	<b>Volume</b>
1 .. 1	xs:sequence
0 .. 1	<b>Single</b>
	unit
0 .. 1	<b>Total</b>
	unit
<b>0 .. 1</b>	<b>Packages</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>Package</b>
1 .. 1	xs:sequence
1 .. 1	<b>PackageId</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>
<b>0 .. 1</b>	<b>Dimensions</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>Dimension</b>
1 .. 1	xs:sequence
0 .. 1	<b>Count</b>
<b>0 .. 1</b>	<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
<b>0 .. 1</b>	<b>Volume</b>
1 .. 1	xs:sequence
0 .. 1	<b>Single</b>
	unit
0 .. 1	<b>Total</b>
	unit
<b>0 .. 1</b>	<b>Containers</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<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>
<b>0 .. 1</b>	<b>TemperatureRange</b>
1 .. 1	xs:sequence

Ocurrence	Element/Attribute
0 .. 1	Min unit
0 .. 1	Max unit

### 3 Guideline

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

Element/Attribute	Annotation
└─ Name	<p>Occurrence 0 .. 1  Type an..35  Length .. 35  Description Name of location</p>
└─ References	<p>Occurrence 1 .. 1  Type ReferencesType</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ BookingNumber	<p>Occurrence 0 .. 1  Type an..20  Length .. 20  Description Booking number</p>
└─ ForwarderReference	<p>Occurrence 1 .. 1  Type an..16  Length .. 16  Description Reference number of forwarder</p>
└─ BillOfLadingNumber	<p>Occurrence 0 .. 1  Type an..10  Length .. 10  Description BL number</p>
└─ Participants	<p>Occurrence 1 .. 1  Type ParticipantsType  Description This element summarizes information concerning the different process participants.</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ Participant	<p>Occurrence 1 .. 999  Type ParticipantType  Description This segment summarizes information concerning one process participant at a time.</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ ParticipantType	<p>Occurrence 1 .. 1  Type participantTypeCode  Description Participant type</p> <p><b>Applicable Codes</b></p> <p><b>AGENT</b> Shipping agent  <b>ISSUER</b> Issuer  <b>PARTY_PAYIN</b> Party committing to payment  <b>G</b>  <b>WAREHOUSE</b> Warehouse</p>
└─ DakosyCode	<p>Occurrence 0 .. 1  Type an..4  Length .. 4  Description DAKOSY participant code</p>
└─ Identification	<p>Occurrence 0 .. 1  Type IdentificationType  Description Identification of participant via EORI and branch number</p>
└─ xs:sequence	<p>Occurrence 1 .. 1</p>
└─ EORINumber	<p>Occurrence 1 .. 1  Type eoriNumberType  Length 4 .. 17  Pattern [A-Z]{2}[0-9A-Z]{2,15}  Description EORI number</p>
└─ BranchNumber	<p>Occurrence 1 .. 1  Type n4  FractionDigits 0  TotalDigits 4  Pattern \d{4}  Description Branch number, set to 0000 if not registered.</p>
└─ Name	<p>Occurrence 0 .. 1  Type an..40  Length .. 40  Description Name of participant</p>

Element/Attribute	Annotation
QuayAccountNumber	Occurrence 0 .. 1 Type an..6 Length .. 6 Description Quai account number of participant
CustomerReference	Occurrence 0 .. 1 Type an..16 Length .. 16 Description Individual position number of participant
Contact	Occurrence 0 .. 1 Type ContactType Description Information of contact person (name, email, fax number and phone number)
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1 Type an..40 Length .. 40 Description Name of contact person
E-Mail	Occurrence 1 .. 1 Type an..100 Length .. 100 Description Email address of contact person
FAX	Occurrence 0 .. 1 Type an..40 Length .. 40 Description Fax number of contact person
Phone	Occurrence 1 .. 1 Type an..40 Length .. 40 Description Phone number of contact person
TransportDetails	Occurrence 1 .. 1 Type TransportDetailsType Description This segment provides information concerning the shipment.
xs:sequence	Occurrence 1 .. 1
VesselIdentification	Occurrence 0 .. 1 Type VesselIdentificationType Description Information concerning the vessel identification (name, IMO number, call sign)
xs:sequence	Occurrence 1 .. 1
VesselName	Occurrence 0 .. 1 Type an..50 Length .. 50 Description Vessel name
CallSign	Occurrence 0 .. 1 Type an..7 Length .. 7 Description Call sign of the vessel
IMONumber	Occurrence 0 .. 1 Type an..7 Length .. 7 Description IMO number of the vessel
Schedule	Occurrence 1 .. 1 Type VesselScheduleType Description Information concerning the planned vessel voyage
xs:sequence	Occurrence 1 .. 1
EstimatedShippingDate	Occurrence 0 .. 1 Type xs:date Description Planned date of shipment
DakosyVoyageNumber	Occurrence 0 .. 1 Type dakosyVoyageNumberType Pattern [A-Z]{3}[0-9]{4} Description DAKOSY voyage number

Element/Attribute	Annotation																																						
CarrierSCACCode	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..4  <b>Length</b> .. 4  <b>Description</b> SCAC code of shipowner</p>																																						
VoyageNumber	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> an..8  <b>Length</b> .. 8  <b>Description</b> Voyage number of shipowner</p>																																						
QuayOrderDetails	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> QuayOrderDetailsType</p>																																						
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>																																						
Orders	<p><b>Occurrence</b> 0 .. 1  <b>Type</b> OrdersType  <b>Description</b> This segment is used to collect all additional types of services and orders. The specification of service types in this segment is not required at the moment. The textual application in the note field applies.</p>																																						
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>																																						
TypeOfService	<p><b>Occurrence</b> 1 .. 5  <b>Type</b> typeOfServiceCode  <b>Description</b> Service/order type</p> <p><b>Applicable Codes</b></p> <table border="0"> <tr><td><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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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> </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																								
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<b>SC</b>	Barge																																						
<b>SS</b>	Seagoing/Ocean vessel																																						

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>TL</b> Trailer
	<b>UN</b> Unknown
	<b>WG</b> Waggon
<b>DeliveryTo</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..30 <b>Length</b> .. 30 <b>Description</b> At the disposal/delivery of the company
<b>AdditionalRemarks</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..4lines <b>Pattern</b> (?:[^\r?\n]{1,72}(\r?\n)?){0,3}[^\r?\n]{1,72}(\r?\n)? <b>Description</b> Additional information - remarks etc. Specification of 1-4 columns with each max. 72 characters
<b>AdditionalRequest</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> Additional requests
<b>WarehouseNumber</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..11 <b>Length</b> .. 11 <b>Description</b> Warehouse number
<b>SpecialAgreement</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> an..8 <b>Length</b> .. 8 <b>Description</b> Special agreements (e.g. special rate, offers)
<b>GoodsInTransitBySeaIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Is it about marine transit goods? (true = yes, false = no)
<b>OutboardLoadingIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Is it about outboard loading? (true = yes, false = no)
<b>ATLASSelfDeclaredIndicator</b>	<b>Occurence</b> 0 .. 1 <b>Type</b> xs:boolean <b>Description</b> Is it about a ATLAS self-declaration? (true = yes, false = no) Deprecated since version 1.3.0, will not be processed.
<b>ConsolidationDetails</b>	<b>Occurence</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.
xs:sequence	<b>Occurence</b> 1 .. 1
<b>AssignedPortOrderReferences</b>	<b>Occurence</b> 1 .. 999 <b>Type</b> AssignedPortOrderReferencesType
xs:sequence	<b>Occurence</b> 1 .. 1
<b>PortOrderReference</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> an12 <b>Description</b> Single port order reference, included in this consolidated cargo container registration.
<b>CompletenessIndicator</b>	<b>Occurence</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"
<b>GoodsItems</b>	<b>Occurence</b> 1 .. 1 <b>Type</b> GoodsItemsType <b>Description</b> All packages of this shipment
xs:sequence	<b>Occurence</b> 1 .. 1
<b>GoodsItem</b>	<b>Occurence</b> 1 .. 999 <b>Type</b> GoodsItemType <b>Description</b> A package (goods item) line
xs:sequence	<b>Occurence</b> 1 .. 1

Element/Attribute	Annotation
GoodsItemId	<p>Occurrence 1 .. 1  Type an..35  Length .. 35  Description Unique and unambiguous goods item identification number within a message</p>
DetailInformation	<p>Occurrence 1 .. 1  Type GoodsDetailInformationType  Description Different detail information regarding the package (goods item)</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
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: <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>Occurrence 1 .. 1  Type Weight7.3Type  FractionDigits 3  TotalDigits 10  Pattern \d{1,7}(\.\d{1,3})?  Description Gross weight (excl. container tara), gross mass. The gross mass is understood to be the mass of the goods with all enclosures except the transport material and in particular containers.</p>
unit	<p>Type weightUnitCode  Description Unit of measurement of the weight</p>
<b>Applicable Codes</b>	
	<p><b>KGM</b> 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>
ContainerReferences	<p>Occurrence 0 .. 1  Type ContainerReferencesType</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ContainerReference	<p>Occurrence 1 .. 999  Type ContainerReferenceType</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ContainerNumber	<p>Occurrence 1 .. 1  Type an..12  Length .. 12  Description Container number</p>

Element/Attribute	Annotation
<b>Dimensions</b>	<p>Occurrence 0 .. 1 Type DimensionsType Description Dimensions forwarding agency</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
<b>Dimension</b>	<p>Occurrence 1 .. 999 Type DimensionType Description Dimensions forwarding agency</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
<b>Count</b>	<p>Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Number</p>
<b>Size</b>	<p>Occurrence 0 .. 1 Type SizeType Description Length specifications</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
<b>Length</b>	<p>Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Length</p>
<i>unit</i>	<p>Type sizeUnitCode Description Unit of size specifications</p> <p><b>Applicable Codes</b></p> <p>CMT Zentimeter/Centimeter</p>
<b>Width</b>	<p>Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Width</p>
<i>unit</i>	<p>Type sizeUnitCode Description Unit of size specifications</p> <p><b>Applicable Codes</b></p> <p>CMT Zentimeter/Centimeter</p>
<b>Height</b>	<p>Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Height</p>
<i>unit</i>	<p>Type sizeUnitCode Description Unit of size specifications</p> <p><b>Applicable Codes</b></p> <p>CMT Zentimeter/Centimeter</p>
<b>Volume</b>	<p>Occurrence 0 .. 1 Type VolumeType Description Measurements volume</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
<b>Single</b>	<p>Occurrence 0 .. 1 Type Volume4.3Type FractionDigits 3 TotalDigits 7 Pattern \d{1,4}(\.\d{1,3})? Description Single coubage</p>
<i>unit</i>	<p>Type volumeUnitCode</p>

Element/Attribute	Annotation
	<p>Description Unit of volume specifications</p> <p><b>Applicable Codes</b></p> <p><b>MTQ</b> Kubikmeter</p>
Total	<p>Occurrence 0 .. 1</p> <p>Type Volume8.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 11</p> <p>Pattern \d{1,8}(\.\d{1,3})?</p> <p>Description Total coubage</p>
unit	<p>Type volumeUnitCode</p> <p>Description Unit of volume specifications</p> <p><b>Applicable Codes</b></p> <p><b>MTQ</b> Kubikmeter</p>
Packages	<p>Occurrence 0 .. 1</p> <p>Type PackagesType</p> <p>Description All positions to a package line</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Package	<p>Occurrence 1 .. 999</p> <p>Type PackageType</p> <p>Description A position to a goods item</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
PackageId	<p>Occurrence 1 .. 1</p> <p>Type an..35</p> <p>Length .. 35</p> <p>Description A unique and unambiguous package identification number</p>
DetailInformation	<p>Occurrence 1 .. 1</p> <p>Type GoodsDetailInformationType</p> <p>Description Several detail information to goods item</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
NumberOfPackages	<p>Occurrence 1 .. 1</p> <p>Type n..6</p> <p>FractionDigits 0</p> <p>TotalDigits 6</p> <p>Inclusive 1 ..</p> <p>Pattern \d{1,6}</p> <p>Description Number of packages</p>
PackingCode	<p>Occurrence 1 .. 1</p> <p>Type an2</p> <p>Description Packing code. 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>Occurrence 1 .. 1</p> <p>Type Weight7.3Type</p> <p>FractionDigits 3</p> <p>TotalDigits 10</p> <p>Pattern \d{1,7}(\.\d{1,3})?</p> <p>Description Gross weight (excl. container tara), gross mass. The gross mass is understood to be the mass of the goods with all enclosures except the transport material and in particular containers.</p>
unit	<p>Type weightUnitCode</p> <p>Description Unit of measurement of the weight</p> <p><b>Applicable Codes</b></p> <p><b>KGM</b> Kilogramm</p>
MarksAndNumbers	<p>Occurrence 0 .. 1</p> <p>Type an..1024</p> <p>Length .. 1024</p> <p>Description Marks and numbers</p>
GoodsDescription	<p>Occurrence 0 .. 1</p> <p>Type an..1024</p> <p>Length .. 1024</p> <p>Description Goods description</p>

Element/Attribute	Annotation
MeansOfTransportID	Occurrence 0 .. 1 Type an..13 Length .. 13 Description Means of transport indicator
Remarks	Occurrence 0 .. 1 Type an..1024 Length .. 1024 Remark G27 Description Remarks
Dimensions	Occurrence 0 .. 1 Type DimensionsType Description Measurements forwarding agency
xs:sequence	Occurrence 1 .. 1
Dimension	Occurrence 1 .. 999 Type DimensionType Description Dimensions forwarding agency
xs:sequence	Occurrence 1 .. 1
Count	Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Number
Size	Occurrence 0 .. 1 Type SizeType Description Length specifications
xs:sequence	Occurrence 1 .. 1
Length	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Length
unit	Type sizeUnitCode Description Unit of size specifications <b>Applicable Codes</b> CMT Zentimeter/Centimeter
Width	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Width
unit	Type sizeUnitCode Description Unit of size specifications <b>Applicable Codes</b> CMT Zentimeter/Centimeter
Height	Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Height
unit	Type sizeUnitCode Description Unit of size specifications <b>Applicable Codes</b> CMT Zentimeter/Centimeter
Volume	Occurrence 0 .. 1 Type VolumeType

Element/Attribute	Annotation	
<ul style="list-style-type: none"> <li>xs:sequence               <ul style="list-style-type: none"> <li><b>Single</b></li> <li>unit</li> <li><b>Total</b></li> <li>unit</li> </ul> </li> </ul>	<p><b>Description</b> Measurements volume</p> <p><b>Occurrence</b> 1 .. 1</p> <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> <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>	
	<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> <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>	
	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> ContainersType</p> <p><b>Description</b> This element summarizes information to all containers of a batch.</p>	
	<p>xs:sequence</p> <p><b>Container</b></p>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Occurrence</b> 1 .. 999</p> <p><b>Type</b> ContainerType</p> <p><b>Description</b> Information about a container</p>
	<p>xs:sequence</p> <p><b>ContainerNumber</b></p>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> an..12</p> <p><b>Length</b> .. 12</p> <p><b>Description</b> Container number</p>
	<p><b>NonIsoContainerIndicator</b></p>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> xs:boolean</p> <p><b>Description</b> 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>
	<p><b>Seal</b></p>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> an..11</p> <p><b>Length</b> .. 11</p> <p><b>Description</b> Seal number</p>
	<p><b>SizeType</b></p>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> an..4</p> <p><b>Length</b> .. 4</p> <p><b>Description</b> Container size and type code according to ISO6346</p>
	<p><b>TemperatureRange</b></p>	<p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> TemperatureRangeType</p> <p><b>Description</b> Temperature range</p>
	<p>xs:sequence</p> <ul style="list-style-type: none"> <li><b>Min</b></li> <li>unit</li> </ul>	<p><b>Occurrence</b> 1 .. 1</p> <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> Temperature100Type</p> <p><b>FractionDigits</b> 0</p> <p><b>Inclusive</b> -99 .. 99</p> <p><b>Description</b> Minimum temperature</p> <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>

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>└─ Max</li> <li>└─ unit</li> </ul>	<p><b>Occurence</b> 0 .. 1</p> <p><b>Type</b> Temperature100Type</p> <p><b>FractionDigits</b> 0</p> <p><b>Inclusive</b> -99 .. 99</p> <p><b>Description</b> Maximum temperature</p>
	<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>