



EMP

Port Order XML – Quay orders (A08, A09, A15, A18)

Implementation manual
Version 1.4.1.0/E

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Change history

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

Change requests

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Used tools

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

Liability

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

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1 Introduction

This document describes the required and optional fields for the quay orders in EMP.

A08 – Quay order for inbound delivery
A09 – Quay order for outbound delivery
A15 - Application for quay services
A18 – Certificate of obligation

The quay orders are used for the communication about shipping information between forwarders, quay operators and shipping agents.

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 |
| 1 .. 1 | QuayOrderDetails |
| 1 .. 1 | xs:sequence |
| 0 .. 1 | Orders |
| 1 .. 1 | xs:sequence |
| 1 .. 5 | TypeOfService |
| 1 .. 1 | Delivery |
| 1 .. 1 | xs:sequence |
| 0 .. 1 | VehicleIdentification |
| 1 .. 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 | 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 | DangerousGoodsInformations |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | DangerousGoodsInformation |
| 1 .. 1 | xs:sequence |
| 0 .. 1 | IMDGAmendment |
| 1 .. 1 | IMDGClass |
| 1 .. 1 | UNNumber |

| Ocurrence | Element/Attribute |
|-----------|---------------------------------|
| 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 | ProperShippingName |
| 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 | Packages |

| Ocurrence | Element/Attribute |
|-----------|-----------------------------------|
| 1 .. 1 | xs:sequence |
| 1 .. 999 | Package |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | Packageld |
| 1 .. 1 | DetailInformation |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | NumberOfPackages |
| 1 .. 1 | PackingCode |
| 1 .. 1 | GrossWeight |
| | <i>unit</i> |
| 0 .. 1 | MarksAndNumbers |
| 0 .. 1 | GoodsDescription |
| 0 .. 1 | MeansOfTransportID |
| 0 .. 1 | Remarks |
| 0 .. 1 | VehicleInformation |
| 1 .. 1 | xs:sequence |
| 0 .. 1 | ChassisNumber |
| 0 .. 1 | EquipmentIndicator |
| 0 .. 1 | AdditionalCargoIndicator |
| 0 .. 1 | DangerousGoodsInformations |
| 1 .. 1 | xs:sequence |
| 1 .. 1 | 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 |
| | <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 | ProperShippingName |
| 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 |
| | <i>unit</i> |

| Ocurrence | Element/Attribute |
|-----------|---------------------------------|
| 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 |

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 "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 Applicable Codes A08 Quay order for inbound delivery A09 Quay order for outbound delivery A15 Application for quay services A18 Certificate of obligation |
| RequestDateTime | 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 Applicable Codes FD Final destination POD Port of discharge |

| Element/Attribute | Annotation |
|-------------------------|--|
| Code | Occurrence 0 .. 1 Type an5 Description UN-Locode |
| 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 |
| DakosyCode | Occurrence 0 .. 1 Type an..4 Length .. 4 Description DAKOSY participant code |
| Identification | Occurrence 0 .. 1 Type IdentificationType Description Identification of participant via EORI and branch number |
| xs:sequence | Occurrence 1 .. 1 |
| EORINumber | Occurrence 1 .. 1 Type eoriNumberType Length 4 .. 17 Pattern [A-Z]{2}[0-9A-Z]{2,15} [A-Z]{2}[!-~]{1,15} |
| BranchNumber | Description EORI number |
| BranchNumber | Occurrence 1 .. 1 Type an4 Pattern \d{4} |
| Name | Description Branch number, set to 0000 if not registered. |
| Name | Occurrence 0 .. 1 Type an..40 Length .. 40 Description Name of participant |

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

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

| Element/Attribute | Annotation |
|-------------------------------------|---|
| | Applicable Codes |
| | TL Trailer |
| | UN Unknown |
| | WG Waggon |
| DeliveryTo | Occurence 0 .. 1 Type an..30 Length .. 30 Description At the disposal/delivery of the company |
| AdditionalRemarks | Occurence 0 .. 1 Type an..4lines Pattern ([^\r\n]{1,72}(r?\n?)){1,4} Description Additional information - remarks etc. Specification of 1-4 columns with each max. 72 characters |
| AdditionalRequest | Occurence 0 .. 1 Type an..35 Length .. 35 Description Additional requests |
| WarehouseNumber | Occurence 0 .. 1 Type an..11 Length .. 11 Description Warehouse number |
| SpecialAgreement | Occurence 0 .. 1 Type an..8 Length .. 8 Description Special agreements (e.g. special rate, offers) |
| GoodsInTransitBySeaIndicator | Occurence 0 .. 1 Type xs:boolean Description Is it about marine transit goods? (true = yes, false = no) |
| OutboardLoadingIndicator | Occurence 0 .. 1 Type xs:boolean Description Is it about outboard loading? (true = yes, false = no) |
| ATLASelfDeclaredIndicator | Occurence 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 | Occurence 0 .. 1 Type an..72 Length .. 72 Description Issuer (individual) in charge for the DG specifications |
| GoodsItems | Occurence 1 .. 1 Type GoodsItemsType Description All packages of this shipment |
| xs:sequence | |
| GoodsItem | Occurence 1 .. 999 Type GoodsItemType Description A package (goods item) line |
| xs:sequence | |
| GoodsItemId | Occurence 1 .. 1 Type an..35 Length .. 35 Description Unique and unambiguous goods item identification number within a message |
| DetailInformation | Occurence 1 .. 1 Type GoodsDetailInformationType Description Different detail information regarding the package (goods item) |
| xs:sequence | |
| NumberOfPackages | Occurence 1 .. 1 Type n..6 FractionDigits 0 TotalDigits 6 Pattern \d{1,6} Description Number of packages |

| Element/Attribute | Annotation |
|-------------------------|--|
| PackingCode | <p>Occurence 1 .. 1 Type an2 Description Packing code. DAKOSY container packaging codes (C2, H4) should no longer be used. Code list under: https://www.dakosy.de/fileadmin/Redakteur/Support/Dokumentation/Entwicklerdokumentation/EDI/Allgemein/Verpackungsartenschluessel.pdf</p> |
| GrossWeight | <p>Occurence 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> |
| Applicable Codes | |
| KGM | Kilogramm |
| MarksAndNumbers | <p>Occurence 0 .. 1 Type an..1024 Length .. 1024 Description Marks and numbers</p> |
| GoodsDescription | <p>Occurence 0 .. 1 Type an..1024 Length .. 1024 Description Goods description</p> |
| MeansOfTransportID | <p>Occurence 0 .. 1 Type an..13 Length .. 13 Description Means of transport indicator</p> |
| Remarks | <p>Occurence 0 .. 1 Type an..1024 Length .. 1024 Remark G27 Description Remarks</p> |
| ContainerReferences | <p>Occurence 0 .. 1 Type ContainerReferencesType</p> |
| xs:sequence | Occurence 1 .. 1 |
| ContainerReference | <p>Occurence 1 .. 999 Type ContainerReferenceType</p> |
| xs:sequence | Occurence 1 .. 1 |
| ContainerNumber | <p>Occurence 1 .. 1 Type an..12 Length .. 12 Description Container number</p> |
| VehicleInformation | <p>Occurence 0 .. 1 Type VehicleInformationType Description Information to a vehicle</p> |
| xs:sequence | Occurence 1 .. 1 |
| ChassisNumber | <p>Occurence 0 .. 1 Type chassisNumberType Length .. 17 Pattern [^ioO]{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>Occurence 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> |

| Element/Attribute | Annotation |
|--------------------------------------|--|
| └─ 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> |
| └─ 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 .. 1 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> |
| └─ 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 lable = 3</p> |
| └─ <i>unit</i> | <p>Type temperatureUnitCode Description Unit of temperature</p> <p>Applicable Codes</p> <p>CEL Celsius</p> |
| └─ Label | <p>Occurrence 0 .. 1 Type DGLabelType Description Label</p> |
| └─ xs:sequence | Occurrence 1 .. 1 |
| └─ Code | <p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description Code</p> |

| Element/Attribute | Annotation |
|-----------------------------|---|
| – 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</p> <p>0 not assigned 1 low water hazard material 2 water hazard material 3 high water hazard material</p> |
| – ProperShippingName | <p>Occurrence 1 .. 1 Type an..72 Length .. 72 Description Proper technical term - Proper technical shipping term according to IMDG code</p> |
| – TechnicalName | <p>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.</p> |
| – GGVSAAndADRInformation | <p>Occurrence 0 .. 1 Type DGGGVSAAndADRInformationType Description GGVSA/ADR specifications - Specifications referring to the dangerous goods regulations street</p> |
| – xs:sequence | <p>Occurrence 1 .. 1</p> |
| – Class | <p>Occurrence 0 .. 1 Type an..4 Length .. 4 Description Class</p> |
| – Figure | <p>Occurrence 0 .. 1 Type an..4 Length .. 4</p> |

| Element/Attribute | Annotation |
|---------------------------------|--|
| | 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 |
| 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) |

| Element/Attribute | Annotation |
|-------------------|--|
| | Applicable Codes |
| | 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 | 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 |
| | Applicable Codes |
| | 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 |
| | Applicable Codes |
| | 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 |
| | Applicable Codes |
| | CMT Zentimeter/Centimeter |

| Element/Attribute | Annotation |
|-------------------|--|
| Volume | <p>Occurrence 0 .. 1 Type VolumeType Description Measurements volume</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Single | <p>Occurrence 0 .. 1 Type Volume4.3Type FractionDigits 3 TotalDigits 7 Pattern \d{1,4}(\.\d{1,3})? Description Single coubage</p> |
| unit | <p>Type volumeUnitCode Description Unit of volume specifications</p> <p>Applicable Codes</p> <p>MTQ Kubikmeter</p> |
| Total | <p>Occurrence 0 .. 1 Type Volume8.3Type FractionDigits 3 TotalDigits 11 Pattern \d{1,8}(\.\d{1,3})? Description Total coubage</p> |
| unit | <p>Type volumeUnitCode Description Unit of volume specifications</p> <p>Applicable Codes</p> <p>MTQ Kubikmeter</p> |
| Packages | <p>Occurrence 0 .. 1 Type PackagesType Description All positions to a package line</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Package | <p>Occurrence 1 .. 999 Type PackageType Description A position to a goods item</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Packageld | <p>Occurrence 1 .. 1 Type an..35 Length .. 35 Description A unique and unambiguous package identification number</p> |
| DetailInformation | <p>Occurrence 1 .. 1 Type GoodsDetailInformationType Description Several detail information to goods item</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| NumberOfPackages | <p>Occurrence 1 .. 1 Type n..6 FractionDigits 0 TotalDigits 6 Pattern \d{1,6} Description Number of packages</p> |
| PackingCode | <p>Occurrence 1 .. 1 Type an2 Description Packing code. DAKOSY container packaging codes (C2, H4) should no longer be used. Code list under: 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</p> |

| Element/Attribute | Annotation |
|-----------------------------------|--|
| | <p>Description Unit of measurement of the weight</p> <p>Applicable Codes</p> <p>KGM 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> |
| – MeansOfTransportID | <p>Occurrence 0 .. 1</p> <p>Type an..13</p> <p>Length .. 13</p> <p>Description Means of transport indicator</p> |
| – Remarks | <p>Occurrence 0 .. 1</p> <p>Type an..1024</p> <p>Length .. 1024</p> <p>Remark G27</p> <p>Description Remarks</p> |
| VehicleInformation | <p>Occurrence 0 .. 1</p> <p>Type VehicleInformationType</p> <p>Description Information to a vehicle</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| – ChassisNumber | <p>Occurrence 0 .. 1</p> <p>Type chassisNumberType</p> <p>Length .. 17</p> <p>Pattern [^ioI]{1,17}</p> <p>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</p> <p>Type xs:boolean</p> <p>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</p> <p>Type xs:boolean</p> <p>Description Indicates whether it is vehicle loading additional cargo. true = yes, ChassisNumber must be empty, false or not available = no.</p> |
| DangerousGoodsInformations | <p>Occurrence 0 .. 1</p> <p>Type DangerousGoodsInformationsType</p> <p>Description Dangerous goods informations</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| – DangerousGoodsInformation | <p>Occurrence 1 .. 1</p> <p>Type DangerousGoodsInformationType</p> <p>Description Dangerous goods information</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| – IMDGAmendment | <p>Occurrence 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>Occurrence 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>Occurrence 1 .. 1</p> <p>Type an..4</p> <p>Length .. 4</p> <p>Description UN number - check against the IMDG code as well as</p> |

| Element/Attribute | Annotation |
|---------------------------|--|
| | compatibility assessment with IMDG class. NONE permitted. |
| EmergencyProcedure | Occurrence 0 .. 1 Type EmergencyProcedureType |
| xs:sequence | Occurrence 1 .. 1 |
| FireSchedule | Occurrence 0 .. 1 Type fireScheduleType Pattern F-[A-J] Description Accident leaflets for fire (emergency procedure) |
| SpillageSchedule | Occurrence 0 .. 1 Type spillageScheduleType Pattern S-[A-Z] Description Accident leaflets for leakage (emergency procedure) |
| FlashPoint | 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 label = 3 |
| unit | Type temperatureUnitCode Description Unit of temperature 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 |

| Element/Attribute | Annotation |
|--------------------------|--|
| WaterHazardClass | Description Properties/remarks |
| | 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 Propper technical term - Propper technical shipping term according to IMDG code |
| TechnicalName | Occurrence 0 .. 1 |
| | Type an..110 |
| | Length .. 110 |
| | Description Hazard trigger - Mandatory in case of dangerous goods listed in the general introduction IMDG code chapter 7. |
| GGVSAAndADRInformation | Occurrence 0 .. 1 |
| | Description DGGVSAAndADRInformationType 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 |
| | Type weightUnitCode |
| unit | 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 |

| Element/Attribute | Annotation |
|---|---|
| <ul style="list-style-type: none"> └─ unit | <p>Type radioactiveActivityUnitCode Description Unit of activity</p> <p>Applicable Codes</p> <p>2Q Kilobecquerel 4N Megabecquerel BQ Becquerel (Deprecated!) BQL Becquerel GBQ Gigabecquerel KBQ Kilobecquerel (Deprecated!) MBQ Megabecquerel (Deprecated!) PBQ Petabecquerel TBQ Terabecquerel</p> |
| | <p>Category</p> <p>Occurrence 1 .. 1 Type an..4 Length .. 4 Description Category</p> |
| | <p>TransportCode</p> <p>Occurrence 1 .. 1 Type an..3 Length .. 3 Description Transport code (not required in case of sheet number 01-04)</p> |
| | <p>PackingType</p> <p>Occurrence 1 .. 1 Type dgPackingTypeCode Description Packing type class 7</p> <p>Applicable Codes</p> <p>A Type A Package B(M) Type B(M) Package B(U) Type B(U) Package C Type C Package FREI Excepted Package IP-1 Industrial Package Type 1 (Type IP-1 Package) IP-2 Industrial Package Type 2 (Type IP-2 Package) IP-3 Industrial Package Type 3 (Type IP-3 Package) IP1 Industrial Package Type 1 (Type IP-1 Package) (Deprecated!) IP2 Industrial Package Type 2 (Type IP-2 Package) (Deprecated!) TYPA Type A Package (Deprecated!) TYPB Type B(U) Package (Deprecated!) TYPC Type C Package (Deprecated!) TYPM Type B(M) Package (Deprecated!)</p> |
| | <p>Dimensions</p> <p>Occurrence 0 .. 1 Type DimensionsType Description Measurements forwarding agency</p> |
| | <p>└─ xs:sequence</p> <p>Dimension</p> <p>Occurrence 1 .. 999 Type DimensionType Description Dimensions forwarding agency</p> |
| | <p>└─ xs:sequence</p> <p>Count</p> <p>Occurrence 1 .. 1 Occurrence 0 .. 1 Type n..4 FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Number</p> |
| | <p>Size</p> <p>Occurrence 0 .. 1 Type SizeType Description Length specifications</p> |
| | <p>└─ xs:sequence</p> <p>Occurrence 1 .. 1</p> |

| Element/Attribute | Annotation |
|-------------------|---|
| Length | <p>Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Length</p> |
| unit | <p>Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter</p> |
| Width | <p>Occurrence 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>Occurrence 0 .. 1 Type LengthType FractionDigits 0 TotalDigits 4 Inclusive 1 .. Pattern \d{1,4} Description Height</p> |
| unit | <p>Type sizeUnitCode Description Unit of size specifications Applicable Codes CMT Zentimeter/Centimeter</p> |
| Volume | <p>Occurrence 0 .. 1 Type VolumeType Description Measurements volume</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |
| Single | <p>Occurrence 0 .. 1 Type Volume4.3Type FractionDigits 3 TotalDigits 7 Pattern \d{1,4}(\.\d{1,3})? Description Single coubage</p> |
| unit | <p>Type volumeUnitCode Description Unit of volume specifications Applicable Codes MTQ Kubikmeter</p> |
| Total | <p>Occurrence 0 .. 1 Type Volume8.3Type FractionDigits 3 TotalDigits 11 Pattern \d{1,8}(\.\d{1,3})? Description Total coubage</p> |
| unit | <p>Type volumeUnitCode Description Unit of volume specifications Applicable Codes MTQ Kubikmeter</p> |
| Containers | <p>Occurrence 0 .. 1 Type ContainersType Description This element summarizes information to all containers of a batch.</p> |
| xs:sequence | <p>Occurrence 1 .. 1</p> |

| Element/Attribute | Annotation |
|---------------------------------|--|
| Container | <p>Occurence 1 .. 999 Type ContainerType Description Information about a container</p> |
| xs:sequence | Occurence 1 .. 1 |
| 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 Description Temperature range</p> |
| xs:sequence | Occurence 1 .. 1 |
| Min | <p>Occurence 0 .. 1 Type Temperature100Type FractionDigits 0 Inclusive -99 .. 99 Description Minimum temperature</p> |
| unit | <p>Type temperatureUnitCode Description Unit of temperature</p> <p>Applicable Codes</p> <p>CEL Celsius</p> |
| Max | <p>Occurence 0 .. 1 Type Temperature100Type FractionDigits 0 Inclusive -99 .. 99 Description Maximum temperature</p> |
| unit | <p>Type temperatureUnitCode Description Unit of temperature</p> <p>Applicable Codes</p> <p>CEL Celsius</p> |