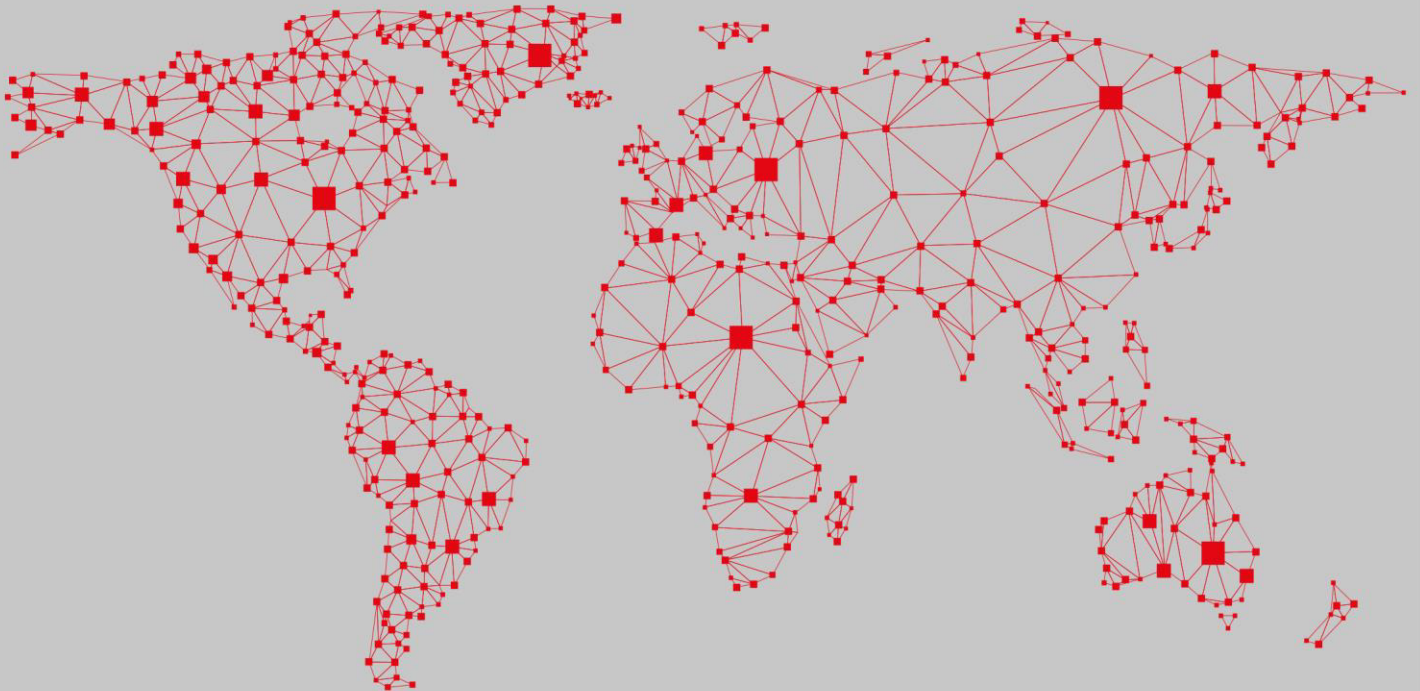


ALPO ZAPP / EMP XML SCHEMA GUIDE

VERSION 1.0



VERSION OVERVIEW

Date	Version	Change Log	Author
23.06.2025	1.0	Document creation	Sven Ochterbeck

INTRODUCTION

The following XML Schema Guide describes the ALPO OrderIn XML interface with regard to the transfer of port orders for ZAPP and EMP / Hamburg.

It is based on "ALPO_OrderIn_extern_V1_47.xsd," which is also available as a technical document.

The general functionality of the interface is described in the document "ALPO_General Interface Documentation_V1.0".

It is possible to connect to a test system to check the implementation of the interface.

Please do not hesitate to contact us if you have any questions.

Your dbh Logistics IT AG

Contact:

dbh Logistics IT AG

Martinistr. 47-49

28195 Bremen

E-Mail: support@dbh.de

Structure

Occurrence	Element/Attribute
AdvantageEnterpriseVersion0.1	
1 .. 1	xs:sequence
1 .. 1	SENDER
1 .. 1	xs:sequence
1 .. 1	ID_SENDERSYSTEM
1 .. 1	SENDER_REFERENZ
1 .. 1	Benutzer_ID
1 .. 1	EMPFANGSSYSTEM
1 .. 1	xs:sequence
1 .. 1	ID_EMPFANGSSYSTEM
1 .. 1	NachrichtenZeitstempel
1 .. 1	xs:sequence
1 .. 1	Tag
1 .. 1	Zeit
1 .. 1	xs:choice
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	Hafenauftrag
1 .. 1	xs:sequence
1 .. 1	KopfDaten
1 .. 1	xs:sequence
1 .. 1	Bearbeitungszustand
1 .. 1	Kommunikationsart
1 .. 1	Auftragsart
0 .. 1	ZAPP-Referenz
0 .. 1	Kundenreferenz
1 .. 1	Containerauftrag
1 .. 1	Warenrichtung
0 .. 1	Seedurchfuhrgut
0 .. 1	Bemerkungen
0 .. 1	Gefahrgut
1 .. 1	AdresseAG
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Offerte
0 .. 1	Referenzen
1 .. 1	xs:choice
1 .. 1	xs:sequence
1 .. 1	Sender
1 .. 1	Abteilung
1 .. 1	SpeditionsbuchNr
0 .. 1	AdresseRE
1 .. 1	xs:sequence
0 .. 1	Kundennummer
1 .. 1	xs:sequence
0 .. 1	Nummer
0 .. 1	xs:sequence
0 .. 1	Umschlag
1 .. 1	Name
0 .. 1	Referenzen
1 .. 1	xs:choice

Bold = Simple Element, Bold on grey background = Complex Element, Italic = Attribute, Grey = Group

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 1	Abteilung
0 .. 1	FOB-Position
1 .. 1	Locationen
1 .. 1	xs:sequence
0 .. 1	SchuppenCode
1 .. 1	Hafen
1 .. 1	xs:sequence
1 .. 1	LadeHafen
1 .. 1	LoeschHafen
0 .. 1	Schiffidentifikation
1 .. 1	xs:sequence
0 .. 1	SIS-NR
0 .. 1	SchiffsName
0 .. 1	AdresseBA
1 .. 1	xs:sequence
0 .. 1	Kundennummer
1 .. 1	xs:sequence
0 .. 1	Nummer
1 .. 1	Name
0 .. 1	AdresseCA
1 .. 1	xs:sequence
0 .. 1	Kundennummer
1 .. 1	xs:sequence
0 .. 1	Nummer
1 .. 1	Name
0 .. 1	SchiffsDaten
1 .. 1	xs:sequence
0 .. 1	DatumETS
1 .. 1	xs:sequence
1 .. 1	Tag
0 .. 1	DivAngaben
1 .. 1	xs:sequence
0 .. 1	Buchungsnummer
0 .. 1	VorNachTransport
1 .. 1	xs:sequence
1 .. 1	Verkehrstraeger
0 .. 1	LKWDaten
1 .. 1	xs:sequence
0 .. 1	VTKennzeichen
0 .. 1	BahnDaten
1 .. 1	xs:sequence
1 .. 1	VTKennzeichen
0 .. 1	BischiDaten
1 .. 1	xs:sequence
1 .. 1	VTKennzeichen
0 .. 1	Gefahrgutbeauftragter
0 .. 1	ZappSammelAuftrag
1 .. 1	PositionsDaten
1 .. 1	xs:sequence
1 .. 9999	WarenVerpackungsDaten
1 .. 1	xs:sequence

Bold = Simple Element, **Bold on grey background** = Complex Element, *Italic* = Attribute, **Grey** = Group

Occurrence	Element/Attribute
1 .. 1	Zaehler
1 .. 1	Gefahrgut
0 .. 1	Spezifikation
1 .. 1	xs:sequence
0 .. 1	Identifikation
0 .. 1	ContainerType
0 .. 1	ShipperOwned
0 .. 1	ContainerZusatzangaben
1 .. 1	xs:sequence
0 .. 1	Siegelnummer1
0 .. 1	ZappContainerCode
0 .. 1	WarenPositionen
1 .. 1	xs:sequence
1 .. 9999	WarenDaten
1 .. 1	xs:sequence
1 .. 1	Zaehler
1 .. 1	Gefahrgut
0 .. 1	Markierung
0 .. 1	WarenAngaben
1 .. 1	xs:sequence
0 .. 1	Anzahl
0 .. 1	VerpackungsArt
0 .. 1	Warenbeschreibung
0 .. 1	MarksNos
0 .. 1	FahrzeugID
0 .. 1	Zubehoer
0 .. 1	MasseGewichte
0 .. 1	xs:choice
0 .. 1	Gewichte
1 .. 1	xs:sequence
0 .. 1	Brutto-Gewicht
1 .. 1	xs:choice
1 .. 1	xs:sequence
0 .. 1	GefahrgutPositionen
1 .. 1	xs:sequence
1 .. 9999	GefahrgutDaten
1 .. 1	xs:sequence
1 .. 1	Zaehler
1 .. 1	Anzahl
0 .. 1	VerpackungsArt
1 .. 1	Klasse
1 .. 1	UN-NR
0 .. 1	EMS1
0 .. 1	EMS2
0 .. 1	MFAG1
0 .. 1	MFAG2
0 .. 1	PrimaerLabel
0 .. 1	SekundaerLabel1
0 .. 1	SekundaerLabel2
0 .. 1	VPGruppe
0 .. 1	Staumethode
0 .. 1	EinheitFP
0 .. 1	Flammpunkt

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Occurrence	Element/Attribute
0 .. 1	Bemerkungen
1 .. 1	GGBrutto
0 .. 1	TechnischeBezeichnung
0 .. 1	Gefahrausloeser
0 .. 1	Wassergefaehrungsklasse
0 .. 1	LimitedQuantities
0 .. 1	ExceptedQuantities
0 .. 1	Land
1 .. 1	xs:sequence
0 .. 1	GGVSKlasse
0 .. 1	GGVSZiffer
0 .. 1	Radioaktiv
1 .. 1	xs:sequence
0 .. 1	VerpackungstypCode
0 .. 1	AktivBQ
0 .. 1	Kategorie
0 .. 1	MassRadioaktCode
0 .. 1	TransportIndex
0 .. 1	Vertraeglichkeit
0 .. 1	ZollPositionen
1 .. 1	xs:sequence
1 .. 9999	ZollDaten
1 .. 1	xs:sequence
1 .. 1	ZollPosZaehler
1 .. 1	xs:choice
0 .. 1	ZollDatenZapp
1 .. 1	xs:sequence
1 .. 1	ZollZaehler
0 .. 1	ArtAnmeldung
0 .. 1	Verfahrenscode
0 .. 1	AdresseAnmelder
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Adresse1
0 .. 1	Adresse2
0 .. 1	Adresse3
0 .. 1	Adresse4
0 .. 1	AdresseAusfuhrer
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Adresse1
0 .. 1	Adresse2
0 .. 1	Adresse3
0 .. 1	Adresse4
0 .. 1	Herkunftsland
1 .. 1	Bestimmungsland
0 .. 1	ZollPos
1 .. 1	Warenbeschreibung
0 .. 1	StatWarennr
0 .. 1	Eigenmasse
0 .. 1	Rohmasse
0 .. 1	Vermerke
0 .. 1	SonstBefreiung

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Occurrence	Element/Attribute
0 .. 1	NummernAM
0 .. 1	RegistrierNr
0 .. 1	Abgabeunternehmen
0 .. 1	Empfaenger
0 .. 1	ESumaMRN
0 .. 1	SumaArt
0 .. 1	SumaBefreiungsgrund
0 .. 1	Notfallverfahren
0 .. 1	ASumAVersender
1 .. 1	xs:choice
1 .. 1	EORI
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	Strasse
1 .. 1	Ort
1 .. 1	Postleitzahl
1 .. 1	Land
0 .. 1	ASumAWarenEmpfaenger
1 .. 1	xs:choice
1 .. 1	EORI
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	Strasse
1 .. 1	Ort
1 .. 1	Postleitzahl
1 .. 1	Land
0 .. 1	ASumAAnmelder
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	Ort
0 .. 1	ASumABefoerderer
1 .. 1	xs:sequence
1 .. 1	EORI
0 .. 1	ASumATransportdokumente
1 .. 1	xs:sequence
1 .. 99	ASumATransportdokument
1 .. 1	xs:sequence
1 .. 1	LfdNr
0 .. 1	Art
0 .. 1	Referenznummer
0 .. 1	ASumAGefahrgueter
1 .. 1	xs:sequence
1 .. 99	ASumAGefahrgut
1 .. 1	xs:sequence
1 .. 1	LfdNr
1 .. 1	UnGefahrgutNr
0 .. 1	ASumAVerfahrensuebergang
1 .. 1	xs:sequence
1 .. 99	ASumAWarenpositionsverweis
1 .. 1	xs:sequence
1 .. 1	LfdNr
1 .. 1	Art
0 .. 1	MrnQuellverfahren

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Occurrence	Element/Attribute
0 .. 1	RegistriernummerQuellverfahren
0 .. 1	PositionsnummerQuellverfahren
0 .. 1	PackstueckAnzahl
0 .. 1	AESZollDaten
1 .. 1	xs:sequence
1 .. 1	AESZaehler
1 .. 1	xs:choice
1 .. 1	xs:sequence
1 .. 1	MRN
1 .. 1	MRNKomplett
1 .. 1	xs:sequence
1 .. 1	LRN
1 .. 1	LRNKomplett
1 .. 1	xs:choice
1 .. 1	xs:sequence
1 .. 1	AnmelderIdentifikationsNr
1 .. 1	AnmelderNiederlassungsNr
1 .. 1	xs:sequence
1 .. 1	VertreterIdentifikationsNr
1 .. 1	VertreterNiederlassungsNr
0 .. 1	RestgewichtNetto
0 .. 1	BruttoGewicht
0 .. 1	DUX
0 .. 1	WKSVerfahren
0 .. 1	ZAPPMRNPositionFehlt
0 .. 1	ZAPPMRNPackIdFehlt
0 .. 1	ZAPPMRNPositionMMGewicht
0 .. 1	SammelReferenzenZapp
1 .. 1	xs:sequence
1 .. 999	SammelReferenz
1 .. 1	xs:sequence
1 .. 1	ZappReferenz
1 .. 1	Vollstaendig
1 .. 1	Gefahrgut

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Guideline

Element/Attribute	Annotation	
AdvantageEnterpriseVersion0.1	Type	extension (AdvantageEnterpriseType)
xs:sequence	Occurrence	1 .. 1
SENDER	Occurrence	1 .. 1
xs:sequence	Type	SENDERType
ID_SENDERSYSTEM	Occurrence	1 .. 1
	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Length	.. 8
	Description	Eight-digit dbh customer number, which will be provided after setup is completed by dbh.
SENDER_REFERENZ	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Length	.. 50
	Description	Unique order reference of the sending system.
Benutzer_ID	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Length	.. 50
	Description	User-specific ID ("OrderIN-ID"), that is assigned to each user by dbh.
EMPFANGSSYSTEM	Occurrence	1 .. 1
xs:sequence	Occurrence	1 .. 1
ID_EMPFANGSSYSTEM	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	The appropriate code must be specified depending on the port system / port of loading.
Applicable Codes		
ALPO	POL = Bremen, Bremerhaven, Wilhelmshaven, Hamburg + SOLAS VGM	
APCS	POL = Antwerp	
NLRTMPCS	POL = Rotterdam	
NachrichtenZeitstempel	Occurrence	1 .. 1
xs:sequence	Type	ZeitstempelType
Tag	Occurrence	1 .. 1
	Type	xs:date
	Description	Format: YYYY-MM-DD
Zeit	Occurrence	1 .. 1
	Type	xs:time
	Description	Format: HH:MM:SS
xs:choice	Occurrence	1 .. 1
xs:sequence	Occurrence	1 .. 1
xs:choice	Occurrence	1 .. 1
Hafenauftrag	Occurrence	1 .. 1
	Type	HafenauftragType
xs:sequence	Occurrence	1 .. 1
KopfDaten	Occurrence	1 .. 1
	Type	HafenauftragKopfDatenType
	Description	General order data for the entire port order.
xs:sequence	Occurrence	1 .. 1
Bearbeitungszustand	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	Controls whether the order is only saved for further manuel processing in ALPO or whether it is saved and sent directly. See separate general ALPO EDI interface documentation for more information.
Applicable Codes		
CANCELTION	Cancelation	

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
	Applicable Codes NEU_SENDEN NEW Neu_Senden New NewAndSend REPLACE Do not use! Replace Do not use! STORNO Storno new
Kommunikationsart	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 4 Description Specify whether a BHT/WHT or ZAPP/EMP order should be created. Applicable Codes BHT ZAPP
Auftragsart	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 4 Description Specify the type of port order to be created. The following values are possible for ZAPP/EMP: PORT_ORDER, A08, A09, A15, A18
ZAPP-Referenz	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 12 Description Specify the ZAPP/EMP reference of the order to be canceled when canceling an ALPO ZAPP/EMP order.
Kundenreferenz	Occurrence 0 .. 1 Type restriction (xs:string) Length 1 .. 50 Description Alternative order number of the order creator for administration in ALPO. Used only in ALPO and not forwarded to ZAPP/EMP.
Containerauftrag	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 5 Description Indication of whether it is a container order. Applicable Codes FALSE False TRUE True false true
Warenrichtung	Occurrence 1 .. 1 Type restriction (xs:string) Description Indication of whether the order is an import or export order. Applicable Codes E EXPORT Export I IMPORT Import
Seedurchfuhrgut	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether the order is a transshipment port

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
	order.
	Applicable Codes
	FALSE
	False
	TRUE
	True
	false
	true
Bemerkungen	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 288 Description Option to add remarks to the terminal.
Gefahrgut	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether one or more of the items in the order contain dangerous goods.
	Applicable Codes
	FALSE
	False
	TRUE
	True
	false
	true
AdresseAG	Occurrence 1 .. 1 Type HafenauftragAdresseType Description Details of the client placing the port order.
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 35 Description Company name of the order creator.
Offerte	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 10 Description Option to specify an offer number for the terminal that is to load the goods.
Referenzen	Occurrence 0 .. 1 Type HafenauftragReferenzenType
xs:choice	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
Sender	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 8 Description Always = SENDER
Abteilung	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 5 Description Department name of the order creator.
SpeditionsbuchNr	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 10 Description Order reference of the issuing party. Will be transmitted to ZAPP/EMP.
AdresseRE	Occurrence 0 .. 1 Type HafenauftragAdresseType Description Option to specify a different invoice recipient if the terminal costs are not to be billed to the order creator.
xs:sequence	Occurrence 1 .. 1
Kundennummer	Occurrence 0 .. 1 Type KundennummerType
xs:sequence	Occurrence 1 .. 1

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
Nummer	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 8 Description Specify the customer number of the invoice recipient: EMP/ZAPP: DAKOSY participant code of the invoice recipient.
<i>xs:sequence</i>	Occurrence 0 .. 1
Umschlag	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 10 Description Indication of the customer number at the terminal of the actual invoice recipient.
Name	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 35 Description Company name of the different invoice recipient.
Referenzen	Occurrence 0 .. 1 Type HafenauftragReferenzenType
<i>xs:choice</i>	Occurrence 1 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
Abteilung	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 5 Description Department name of the invoice recipient.
FOB-Position	Occurrence 0 .. 1 Type xs:string Description Order reference of the invoice recipient.
Locationen	Occurrence 1 .. 1 Type HafenauftragLocationenType
<i>xs:sequence</i>	Occurrence 1 .. 1
SchuppenCode	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 4 Description Indication of the terminal at which the shipment will be loaded. For ZAPP/EMP, see the "Kai- / Schuppencodes" list at: https://www.dakosy.de/anwendungsportal/dakosy-codes
Hafen	Occurrence 1 .. 1 Type HafenauftragHafenType
<i>xs:sequence</i>	Occurrence 1 .. 1
LadeHafen	Occurrence 1 .. 1 Type restriction (xs:string) Description UN location code of the port of loading. For ZAPP/EMP always = DEHAM.
LoeschHafen	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 5 Description UN-Locationcode of the port of discharge.
Schiffidentifikation	Occurrence 0 .. 1 Type HafenauftragSchiffidentifikationType Description Enter the ship's voyage data. Based on the data entered, ALPO attempts to find a unique match from the ship lists for ZAPP/EMP.
<i>xs:sequence</i>	Occurrence 1 .. 1
SIS-NR	Occurrence 0 .. 1 Type restriction (xs:string) Description 7-digit vessel voyage number (SIS number) allocated by DAKOSY.

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Element/Attribute	Annotation
	The latest ship list can be downloaded from the following link: https://www.dbh.de/kis/hafenwirtschaft/sis
SchiffsName	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 30 Description Vessel name
AdresseBA	Occurrence 0 .. 1 Type HafenauftragSchiffAdresseType Description Details of the ship broker/shipping agent with whom the shipment is booked.
xs:sequence	Occurrence 1 .. 1
Kundennummer	Occurrence 0 .. 1 Type KundennummerType
xs:sequence	Occurrence 1 .. 1
Nummer	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 8 Description dbh / DAKOSY customer number of the booking agent.
Name	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 35 Description Name of the ship broker/shipping agent with whom the shipment is booked.
AdresseCA	Occurrence 0 .. 1 Type HafenauftragSchiffAdresseType Description Information about the shipowner operating the booked vessel.
xs:sequence	Occurrence 1 .. 1
Kundennummer	Occurrence 0 .. 1 Type KundennummerType
xs:sequence	Occurrence 1 .. 1
Nummer	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 8 Description dbh / DAKOSY customer number of the ocean carrier operating the vessel.
Name	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 35 Description Name of the shipowner operating the booked vessel.
SchiffsDaten	Occurrence 0 .. 1 Type HafenauftragSchiffDatenType
xs:sequence	Occurrence 1 .. 1
DatumETS	Occurrence 0 .. 1 Type DateType Description Planned departure date of the vessel (ETS/ETD).
xs:sequence	Occurrence 1 .. 1
Tag	Occurrence 1 .. 1 Type xs:date Description Format: YYYY-MM-DD
DivAngaben	Occurrence 0 .. 1 Type HafenauftragDivAngabenType

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Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
Buchungsnummer	Occurrence 0 .. 1 Type restriction (xs:string) Description Booking number of the ocean carrier. Mandatory information when registering dangerous goods.
VorNachTransport	Occurrence 0 .. 1 Type HafenauftragVorNachTransportType Description Information about the shipments pre-carriage or on-carriage.
xs:sequence	Occurrence 1 .. 1
Verkehrstraeger	Occurrence 1 .. 1 Type restriction (xs:string) Description Specification of the mode of transport for delivery/ collection of the shipment.
Applicable Codes	
BARGE CHASSIS RAIL SHIP TRUCK	
LKWDaten	Occurrence 0 .. 1 Type HafenauftragLKWDatenType Description Further details about the truck for delivery / collection.
xs:sequence	Occurrence 1 .. 1
VTKennzeichen	Occurrence 0 .. 1 Type restriction (xs:string) Description License plate number of the truck.
BahnDaten	Occurrence 0 .. 1 Type HafenauftragBahnDatenType Description Further details on rail delivery/collection.
xs:sequence	Occurrence 1 .. 1
VTKennzeichen	Occurrence 1 .. 1 Type restriction (xs:string) Description Railway car number on which the shipment is delivered or picked up. Mandatory if "rail" is specified as the mode of transport.
BischiDaten	Occurrence 0 .. 1 Type HafenauftragBischiDatenType Description Further details on delivery/collection by barge.
xs:sequence	Occurrence 1 .. 1
VTKennzeichen	Occurrence 1 .. 1 Type restriction (xs:string) Description Vessel name of the barge.
Gefahrgutbeauftragter	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 72 Description Issuer (natural person) responsible for the dangerous goods information. Mandatory information if <Gefahrgut> = true.
ZappSammelAuftrag	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether this is a consolidation port order. A "Sammelauftrag" (consolidation) references several individual orders using the ZAPP reference (Z-/B-/S-number) and combines them into one.
Applicable Codes	
FALSE False TRUE True false	

Bold = Element, *Italic* = Attribute, Grey = Group

Element/Attribute	Annotation
PositionsDaten	Applicable Codes
	true
<i>xs:sequence</i>	Occurrence 1 .. 1
WarenVerpackungsDaten	Type HafenauftragPositionDatenType
	Description Detailed information on specific goods items.
<i>xs:sequence</i>	Occurrence 1 .. 1
Zaehler	Occurrence 1 .. 9999
	Type HafenauftragWarenVerpackungDatenType
	Description Entering of individual goods items.
<i>xs:sequence</i>	Occurrence 1 .. 1
Gefahrgut	Occurrence 1 .. 1
	Type restriction (xs:int)
	FractionDigits 0
	Inclusive 1 .. 9999
	Description Starting with 1, specify in ascending order.
	Occurrence 1 .. 1
	Type restriction (xs:string)
	Description Indication of whether the goods items contains dangerous cargo.
	Applicable Codes
	FALSE
	False
	TRUE
	True
	false
	true
Spezifikation	Occurrence 0 .. 1
	Type HafenauftragWarenSpezifikationType
<i>xs:sequence</i>	Occurrence 1 .. 1
Identifikation	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 12
	Description Indication of the container number.
ContainerType	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 4
	Description Indication of the container ISO code.
	For ZAPP/EMP please ask the dbh support team for the master date file.
ShipperOwned	Occurrence 0 .. 1
	Type restriction (xs:string)
	Description Indication of whether it is a shipper's own container.
	Applicable Codes
	FALSE
	False
	TRUE
	True
	false
	true
ContainerZusatzangaben	Occurrence 0 .. 1
	Type HafenauftragContainerZusatzangabenType
<i>xs:sequence</i>	Occurrence 1 .. 1
Siegelnummer1	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 12
	Description Specification of the container seal number.
ZappContainerCode	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 2
	Description Specification of the packaging code for container

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
	shipments.
	See the list "Verpackungscodes" at: https://www.dakosy.de/anwendungsportal/dakosy-codes
WarenPositionen	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
WarenDaten	Occurrence 1 .. 9999
	Type HafenauftragWarenDatenType
	Description Specification of details the goods.
xs:sequence	Occurrence 1 .. 1
Zaehler	Occurrence 1 .. 1
	Type restriction (xs:int)
	FractionDigits 0
	Inclusive 1 .. 9999
	Description Starting with 1, specify in ascending order.
Gefahrgut	Occurrence 1 .. 1
	Type restriction (xs:string)
	Description Indication of whether the goods items contains dangerous cargo.
	Applicable Codes
	FALSE
	False
	TRUE
	True
	false
	true
Markierung	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 432
	Description Specification of the marks and numbers on the cargo.
WarenAngaben	Occurrence 0 .. 1
	Type HafenauftragWarenAngabenType
xs:sequence	Occurrence 1 .. 1
Anzahl	Occurrence 0 .. 1
	Type restriction (xs:integer)
	FractionDigits 0
	Inclusive 1 .. 999999
	Description Number of packages to be loaded.
VerpackungsArt	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 2
	Description Specification of the type of packaging for conventional / breakbulk and RoRo shipments.
	For ZAPP/EMP see the list "Verpackungscodes" at: https://www.dakosy.de/anwendungsportal/dakosy-codes
Warenbeschreibung	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 240
	Description Specification of the cargo description.
MarksNos	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 432
	Description Specification of the marks and numbers on the cargo.
FahrzeugID	Occurrence 0 .. 1
	Type restriction (xs:string)
	Length .. 20
	Description Indication of the vehicle identification number / VIN for RoRo shipments.
Zubehoer	Occurrence 0 .. 1
	Type restriction (xs:string)

Bold = Element, **Italic** = Attribute, **Grey** = Group

Element/Attribute	Annotation
	Description Indication of whether additional accessories are being loaded onto the specified vehicle. Occurrence 0 .. 1 Type HafenauftragMasseGewichteType
MasseGewichte	
xs:choice	Occurrence 0 .. 1
Gewichte	Occurrence 0 .. 1 Type HafenauftragGewichteType
xs:sequence	Occurrence 1 .. 1
Brutto-Gewicht	Occurrence 0 .. 1 Type restriction (xs:decimal) Description Gros of the cargo in kilograms.
xs:choice	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
GefahrgutPositionen	Occurrence 0 .. 1 Description Option to specify hazardous goods information.
xs:sequence	Occurrence 1 .. 1
GefahrgutDaten	Occurrence 1 .. 9999 Type HafenauftragGefahrgutDatenType
xs:sequence	Occurrence 1 .. 1
Zaehler	Occurrence 1 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive 1 .. 9999 Description Starting with 1, specify in ascending order.
Anzahl	Occurrence 1 .. 1 Type restriction (xs:integer) FractionDigits 0 Inclusive 1 .. 999999 Description Number of dangerous goods packages.
VerpackungsArt	Occurrence 0 .. 1 Type restriction (xs:string) Description Specification of the type of packaging of the dangerous goods. For ZAPP/EMP see the list "Verpackungscodes" at: https://www.dakosy.de/anwendungsportal/dakosy-codes
Klasse	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 4 Description Indication of the IMO-Class.
UN-NR	Occurrence 1 .. 1 Type restriction (xs:string) Description Indication of the UN-Number.
EMS1	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 6 Description Indication of the Emergency Schedule / EmS-Number.
EMS2	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 6 Description Indication of the Emergency Schedule / EmS-Number. (Will no longer be accepted with the introduction of EMP by DAKOSY.)
MFAG1	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 4 Description Indication regarding the Medical First Aid Guide (MFAG).
MFAG2	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 4

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute		Annotation	
		Description	Indication regarding the Medical First Aid Guide (MFAG). (Will no longer be accepted with the introduction of EMP by DAKOSY.)
	PrimaerLabel	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 4
		Description	Indication of the primary label.
	SekundaerLabel1	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 4
		Description	Indication of the secondary label 1.
	SekundaerLabel2	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 4
		Description	Indication of the secondary label 2.
	VPGGruppe	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Description	Indication of the packing group.
		Applicable Codes	
		I	
		II	
		III	
	Staumethode	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 3
		Description	Indication of the stowage category.
	EinheitFP	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Description	Indication of the unit of the flashpoint. ZAPP/EMP only accepts Celsius.
		Applicable Codes	
		C	
		F	
	Flammpunkt	Occurrence	0 .. 1
		Type	restriction (xs:decimal)
		TotalDigits	4
		Description	Indication of the flashpoint. Always enter the number with a positiv or negativ sign and 3 digits. Examples: +023, -005
	Bemerkungen	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 288
		Description	Indication of remarks.
	GGBrutto	Occurrence	1 .. 1
		Type	restriction (xs:decimal)
		FractionDigits	3
		TotalDigits	11
		Description	Indication of the gross weight of the dangerous goods in kilograms.
	TechnischeBezeichnung	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 130
		Description	Indication of the proper technical shipping name.
	Gefahrausloeser	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 130
		Description	Indication of the hazardous trigger.
	Wassergefahrdungsklasse	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Description	Indication of the water pollution class.

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
	Applicable Codes 0 1 2 3
LimitedQuantities	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of limited quantities. Applicable Codes FALSE False TRUE True false true
ExceptedQuantities	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of excepted quantities. Applicable Codes FALSE False TRUE True false true
Land	Occurrence 0 .. 1 Type HafenauftragGefahrgutLandType Description Information regarding road transport of the dangerous goods.
<i>xs:sequence</i>	Occurrence 1 .. 1
GGVSKlasse	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 4 Description Indication of the dangerous goods class in accordance with GGVS.
GGVSZiffer	Occurrence 0 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive 1 .. 999999 Description Indication of the dangerous goods figure in accordance with GGVS.
Radioaktiv	Occurrence 0 .. 1 Type HafenauftragGefahrgutRadioaktivType Description Detailed information on radioactive goods.
<i>xs:sequence</i>	Occurrence 1 .. 1
VerpackungstypCode	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 4 Description Indication regarding the packing type code. Applicable Codes A B(M) B(U) IND SON
AktivBQ	Occurrence 0 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive -2147483648 .. 2147483647 Description Indication regarding the activity (Becquerel / Bq).

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute		Annotation	
Kategorie MassRadioaktCode TransportIndex Vertraeglichkeit ZollPositionen xs:sequence ZollDaten xs:sequence ZollPosZaehler xs:choice ZollDatenZapp xs:sequence ZollZaehler ArtAnmeldung	Kategorie	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of the category. Applicable Codes FREIG I-W II-G III-G	
	MassRadioaktCode	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 1 Description Indication of the unit of radioactiv goods. Applicable Codes G Gigabecquerel T Terabecquerel	
	TransportIndex	Occurrence 0 .. 1 Type restriction (xs:decimal) Description Indication on the transport index.	
	Vertraeglichkeit	Occurrence 0 .. 1 Type restriction (xs:string) Description Information on compatibility according to separation groups.	
	ZollPositionen	Occurrence 0 .. 1 Description Option to enter customs data for the shipment.	
	ZollDaten	Occurrence 1 .. 9999 Type HafenauftragZollDatenType	
	ZollPosZaehler	Occurrence 1 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive 1 .. 9999 Description Counter of the entered customs positions. Starting with 1, specify in ascending order.	
	ZollDatenZapp	Occurrence 0 .. 1 Type HafenauftragZollDatenZappType Description Option to record customs data that are not part of the ATLAS-AES customs procedures.	
	ZollZaehler	Occurrence 1 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive 1 .. 9999 Description Counter of the entered customs positions. Starting with 1, specify in ascending order.	
	ArtAnmeldung	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of the type of customs procedure. Only one type of declaration can be registered per port order, but this can be done multiple times. Applicable Codes AUS Emergency / blackout procedure DUX Export Summary Declaration EUB EU destination MIT Re-export notification SBF Other exemptions aus Emergency / blackout procedure dux Export Summary Declaration eub EU destination mit Re-export notification	

Bold = Element, **Italic** = Attribute, **Grey** = Group

Element/Attribute		Annotation
		Applicable Codes
		sbf Other exemptions
	Verfahrenscode	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 4
		Description Indication of the procedure code.
	AdresseAnmelder	Occurrence 0 .. 1
		Type HafenauftragZappAdresseType
		Description Details of the party registering the shipment / the declarant.
	xs:sequence	Occurrence 1 .. 1
	Name	Occurrence 1 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Indication of the company name.
	Adresse1	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Indication of the adress of the company.
	Adresse2	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Further details of the adress of the company.
	Adresse3	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Further details of the adress of the company.
	Adresse4	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Further details of the adress of the company.
	AdresseAusfuehrer	Occurrence 0 .. 1
		Type HafenauftragZappAdresseType
		Description Details of the exporter of the shipment.
	xs:sequence	Occurrence 1 .. 1
	Name	Occurrence 1 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Indication of the company name.
	Adresse1	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Indication of the adress of the company.
	Adresse2	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Further details of the adress of the company.
	Adresse3	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Further details of the adress of the company.
	Adresse4	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 35
		Description Further details of the adress of the company.
	Herkunftsland	Occurrence 0 .. 1
		Type restriction (xs:string)
		Length .. 2
		Description Indication of the country of origin of the shipment.

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute		Annotation
	Bestimmungsland	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 2 Description Indication of the country of final destination of the shipment.
	ZollPos	Occurrence 0 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive 1 .. 999 Description Indication of the number of the customs position.
	Warenbeschreibung	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 240 Description Indication of a cargo description.
	StatWarennr	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 8 Description Indication of the commodity code (HS code) of the goods to be exported.
	Eigenmasse	Occurrence 0 .. 1 Type restriction (xs:decimal) FractionDigits 3 TotalDigits 11 Description Indication of the net weight of the customs position in kilograms.
	Rohmasse	Occurrence 0 .. 1 Type restriction (xs:decimal) FractionDigits 3 TotalDigits 11 Description Indication of the gross weight of the customs position in kilograms.
	Vermerke	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 225 Description Option to add remarks.
	SonstBefreiung	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether other circumstances for exemption exist. Applicable Codes FALSE False TRUE True false true
	NummernAM	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 18 Description Indication of the customs' master ticket number when declaration type / ArtAnmeldung = AUS.
	RegistrierNr	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 25 Description Indication of the ATB number or MRN of the previous customs procedure for declaration type / ArtAnmeldung = MIT.
	Abgabeunternehmen	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 175 Description Indication of the company that issued the preceeding

Bold = Element, **Italic** = Attribute, **Grey** = Group

Element/Attribute		Annotation
		summary declaration, when declaration type / ArtAnmeldung = MIT.
	Empfaenger	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 175 Description Indication of the consignee of the shipment.
	ESumaMRN	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 18 Description Indication of the MRN of the NCTS/T1 document or the import Entry Summary Declaration MRN, when procedure type / ArtAnmeldung = MIT.
	SumaArt	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of the summary declaration type, when procedure type / ArtAnmeldung = MIT. Applicable Codes A Export declaration E Separate entry summary declaration N Not required V NCTS procedure a Export declaration e Separate entry summary declaration n Not required v NCTS procedure
	SumaBefreiungsgrund	Occurrence 0 .. 1 Type restriction (xs:string) Description Reason for exemption from submitting an export summary declaration, when procedure type / ArtAnmeldung = MIT. Applicable Codes 0 2 3 4 6
	Notfallverfahren	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether this is the emergency procedure in the event of an ATL@S failure. Indication of the master ticket number in the <ESumAMRN> element. Applicable Codes FALSE False TRUE True false true
	ASumAVersender	Occurrence 0 .. 1 Description Information about the Exit Summary Declaration shipper. Mandatory information if an Exit Summary Declaration is to be created via ZAPP/EMP, DUX procedure without MRN. Provide either the EORI number or the complete company details.
	xs:choice	Occurrence 1 .. 1
	EORI	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 17 Description EORI number of the shipper.
	xs:sequence	Occurrence 1 .. 1

Bold = Element, *Italic* = Attribute, **Grey** = Group

ALPO ZAPP Schema Guide

Element/Attribute		Annotation	
	Name	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Company name of the shipper.
	Strasse	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Street name and number of the shipper.
	Ort	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	City name of the shipper's adress.
	Postleitzahl	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	ZIP code of the shipper's adress.
	Land	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Name of the country of the shipper's adress.
	ASumAWarenEmpfaenger	Occurrence	0 .. 1
		Description	Information about the Exit Summary Declaration consignee. Mandatory information if an Exit Summary Declaration is to be created via ZAPP/EMP, DUX procedure without MRN. Provide either the EORI number or the complete company details.
	xs:choice	Occurrence	1 .. 1
	EORI	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 17
		Description	EORI number of the consignee.
	xs:sequence	Occurrence	1 .. 1
	Name	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Company name of the consignee.
	Strasse	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Street name and number of the consignee.
	Ort	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	City name of the consignee's adress.
	Postleitzahl	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	ZIP code of the consignee's adress.
	Land	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Name of the country of the consignee's adress.
	ASumAAnmelder	Occurrence	0 .. 1
		Description	Specification of the company details of the Exit Summary Declaration declarant. Mandatory information if an Exit Summary Declaration is to be created via ZAPP/EMP, DUX procedure without MRN.
	xs:sequence	Occurrence	1 .. 1

Bold = Element, *Italic* = Attribute, **Grey** = Group

ALPO ZAPP Schema Guide

Element/Attribute		Annotation	
	Name	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Company name of the declarant.
	Ort	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 35
		Description	Place of the company offices of the declarant.
	ASumABefoerderer	Occurrence	0 .. 1
		Description	Indication of the carrier of the shipment. Mandatory information if an Exit Summary Declaration is to be created via ZAPP/EMP, DUX procedure without MRN.
	xs:sequence	Occurrence	1 .. 1
	EORI	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Length	.. 17
		Description	EORI number of the carrier.
	ASumATransportdokumente	Occurrence	0 .. 1
		Description	Indication of at least one transport document of the shipment. Mandatory information if an Exit Summary Declaration is to be created via ZAPP/EMP, DUX procedure without MRN.
	xs:sequence	Occurrence	1 .. 1
	ASumATransportdokument	Occurrence	1 .. 99
		Type	ZappASumAUnterlageType
	xs:sequence	Occurrence	1 .. 1
	LfdNr	Occurrence	1 .. 1
		Type	restriction (xs:int)
		FractionDigits	0
		Inclusive	1 .. 99
		Description	Starting with 1, specify in ascending order.
	Art	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Description	Specification of the type of document. The permissible values and their meanings are published on the Internet at www.zoll.de in the ATLAS download area. See code list I0943.
	Referenznummer	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Length	.. 74
		Description	Indication of the reference number of the transport document.
	ASumAGefahrgueter	Occurrence	0 .. 1
		Description	If the goods registered in the Exit Summary Declaration are dangerous goods, the UN number must be specified here.
	xs:sequence	Occurrence	1 .. 1
	ASumAGefahrgut	Occurrence	1 .. 99
		Type	ASumAGefahrgutType
	xs:sequence	Occurrence	1 .. 1
	LfdNr	Occurrence	1 .. 1
		Type	restriction (xs:int)
		FractionDigits	0
		Inclusive	1 .. 99
		Description	Starting with 1, specify in ascending order.
	UnGefahrgutNr	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Description	Indication of the UN number of the dangerous item.
	ASumAVerfahrensuebergang	Occurrence	0 .. 1
		Description	Information on the transfer of non-Community goods from

Bold = Element, *Italic* = Attribute, Grey = Group

Element/Attribute		Annotation	
			temporary storage. Mandatory information if an Exit Summary Declaration is to be created via ZAPP/EMP, DUX procedure without MRN.
	xs:sequence	Occurrence	1 .. 1
	ASumAWarenpositionsverweis	Occurrence	1 .. 99
		Type	ASumAVerfahrensuebergangWarenpositionsverweisType
		Description	Information on temporary storage prior to the Exit Summary Declaration. The information provided has to match the information from the temporary storage.
	xs:sequence	Occurrence	1 .. 1
	LfdNr	Occurrence	1 .. 1
		Type	restriction (xs:int)
		FractionDigits	0
		Inclusive	1 .. 999
		Description	Starting with 1, specify in ascending order.
	Art	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Description	Type of reference of the temporary storage.
		Applicable Codes	
		MRN	Master Reference Number
		REG	= ATB number
	MrnQuellverfahren	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Description	MRN of temporary storage. Mandatory if <Art> = MRN.
	RegistriernummerQuellverfahren	Occurrence	0 .. 1
		Type	restriction (xs:string)
		Description	ATB number of temporary storage. Mandatory if <Type> = REG.
	PositionsnummerQuellverfahren	Occurrence	0 .. 1
		Type	restriction (xs:int)
		FractionDigits	0
		Inclusive	1 .. 9999
		Description	Reference to the position number within temporary storage.
	PackstueckAnzahl	Occurrence	0 .. 1
		Type	restriction (xs:int)
		FractionDigits	0
		Inclusive	0 .. 99999
		Description	Indication of the number of packages.
	AESZollDaten	Occurrence	0 .. 1
		Type	HafenauftragZollDatenAESType
		Description	Option to enter AES customs data or for ZAPP/EMP Exit Summary Declaration data in the self-declaration procedure, DUX with MRN.
	xs:sequence	Occurrence	1 .. 1
	AESZaehler	Occurrence	1 .. 1
		Type	restriction (xs:integer)
		FractionDigits	0
		Inclusive	1 .. 9999
		Description	Counter of the entered customs positions. Starting with 1, specify in ascending order.
	xs:choice	Occurrence	1 .. 1
	xs:sequence	Occurrence	1 .. 1
	MRN	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Description	Specification of the AES MRN in the two-stage ATL@S export procedure or the Exit Summary Declaration MRN.
	MRNKomplett	Occurrence	1 .. 1
		Type	restriction (xs:string)
		Description	Indication of whether the MRN referred to is being exported completely with this port declaration.

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute		Annotation
		Applicable Codes FALSE False TRUE True false true
	xs:sequence	Occurrence 1 .. 1
	LRN	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 22 Description Specification of the AES LRN in the single-stage ATL@S export procedure.
	LRNKomplett	Occurrence 1 .. 1 Type restriction (xs:string) Description Indication of whether the LRN referred to is being exported completely with this port declaration.
		Applicable Codes FALSE False TRUE True false true
	xs:choice	Occurrence 1 .. 1 Description When registering an LRN procedure, either the registrant or the representative who created the LRN must be specified.
	xs:sequence	Occurrence 1 .. 1
	AnmelderIdentifikationsNr	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 17 Description EORI-number of the declarant.
	AnmelderNiederlassungsNr	Occurrence 1 .. 1 Type restriction (xs:string) Description EORI subsidiary number of the declarant.
	xs:sequence	Occurrence 1 .. 1
	VertreterIdentifikationsNr	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 17 Description EORI number of the representative, who issued the LRN.
	VertreterNiederlassungsNr	Occurrence 1 .. 1 Type restriction (xs:string) Description EORI subsidiary number of the representative.
	RestgewichtNetto	Occurrence 0 .. 1 Type restriction (xs:decimal) FractionDigits 6 TotalDigits 16 Description Indication of the net weight of the quantity actually loaded for the AES position.
	BruttoGewicht	Occurrence 0 .. 1 Type restriction (xs:decimal) FractionDigits 3 TotalDigits 16 Description Indication of the gross weight of the quantity actually loaded for the AES position.
	DUX	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether a declaration of an already created Exit Summary Declaration (self-declarant) should be made, DUX procedure with MRN.

Bold = Element, **Italic** = Attribute, **Grey** = Group

Element/Attribute		Annotation
		Applicable Codes FALSE False TRUE True false true
	WKSVerfahren	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether the re-export notification to be registered is an Exit Summary Declaration or a re-export notification (= WAM). Applicable Codes ASUMA WAM
	ZAPPMRNPositionFehlt	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether the specified AES goods item should be declared as a short shipment if it is not loaded as part of the port order. Applicable Codes FALSE False TRUE True false true
	ZAPPMRNPackIdFehlt	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether the specified AES package item should be declared as a short shipment if it is not loaded as part of the port order. Applicable Codes FALSE False TRUE True false true
	ZAPPMRNPositionMMGewicht	Occurrence 0 .. 1 Type restriction (xs:string) Description Indication of whether a short shipment should be reported on the basis of a reduced weight. The reduced remaining weight must be specified as <RestgewichtNetto>. Applicable Codes FALSE False TRUE True false true
	SammelReferenzenZapp	Occurrence 0 .. 1 Description Reference to ZAPP/EMP individual orders to be combined in this declaration.
	xs:sequence	Occurrence 1 .. 1
	SammelReferenz	Occurrence 1 .. 999 Type SammelReferenzZappType Description Option to enter multiple ZAPP/EMP references.
	xs:sequence	Occurrence 1 .. 1
	ZappReferenz	Occurrence 1 .. 1 Type restriction (xs:string) Length .. 18

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
Vollstaendig Gefahrgut	Description Specify the ZAPP/EMP reference (Z/B/S number) to be linked. Occurrence 1 .. 1 Type restriction (xs:string) Description Indication of whether the specified ZAPP/EMP reference is contained in full in this collective shipment. Applicable Codes FALSE False TRUE True false true
	Occurrence 1 .. 1 Type restriction (xs:string) Description Specify whether the dangerous goods data from the referenced ZAPP/EMP order should be transferred to the collective order. Applicable Codes FALSE False TRUE True false true