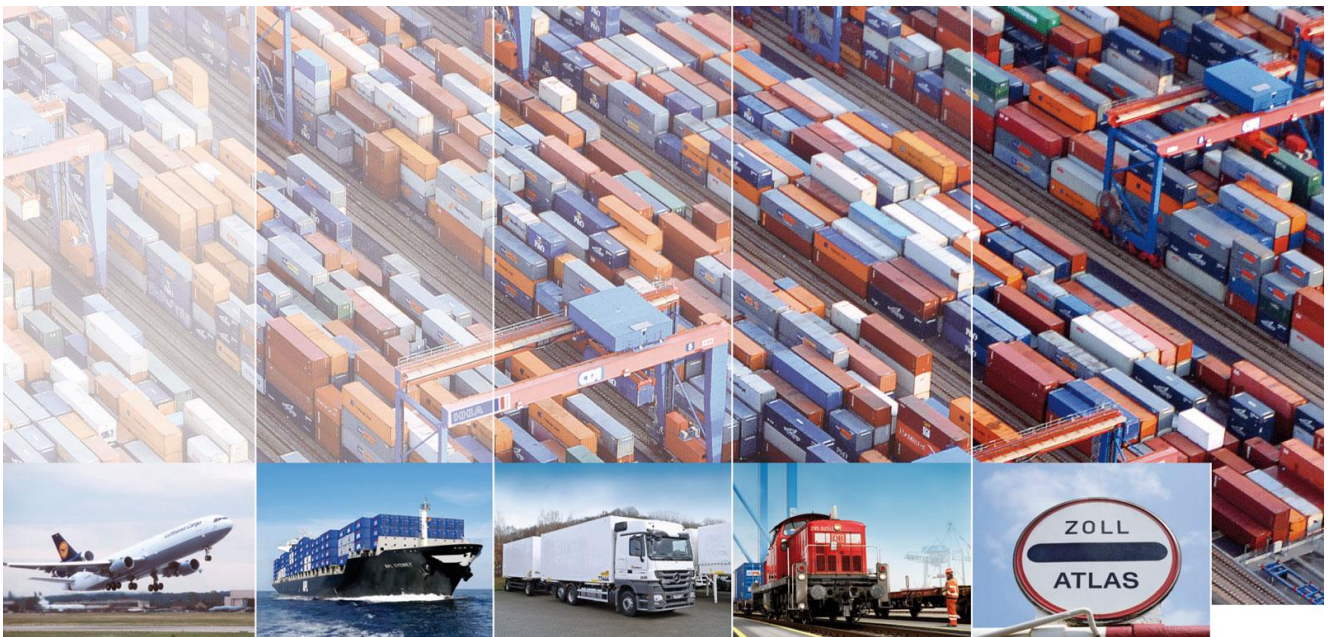




FAIR@Link

FRANKFURT

Documentation on XML Interface 7.3 – Message FL_TPA

DAKOSY
Datenkommunikationssystem AG

Mattentwiete 2
20457 Hamburg
www.dakosy.de

Phone: + 49 40 37003 - 0
Fax: + 49 40 37003 - 370
info@dakosy.de

Change History

Version	Change	Modified by / Date	Verified by / Date	Released by / Date
2.9	First PDF documentation of Interface 2.9	Blanken / Feb. 2015		
2.12	Added fields "Consignor", "Consignee", "Origin", "Destination" on Position Level	Seidel / Aug. 2015		
2.15	- HAWB pattern removed - Consignment extended to include the new field "Shipment Type"	Blanken / Dec. 2015		
2.16	Updated Version Number Only	Kühmel/ Jan. 2016		
2.17	- Identification numbers from the regulated representative and known consignors(RAKC numbers) are now following the new format (without expiration date)	Lahann/ Feb. 2016		
2.18	- Due to technical reasons the XML scheme for IATA 3 letter codes now also allows the use of numbers	Blanken/March 2016		
6.0	- Version number of XML interface adjusted to version number of the F@L release (merely formal adjustment, version number 2.0 within the FL_Message_Header remains the same for reasons of downward compatibility)	Blanken/May2016		
6.2	- Field SerialBookingSlotID removed from the TPA	Blanken/Aug 2016		
6.4	Updated Version Number Only	Niese/June 2016		
6.8	- As of now all weight indications may be stated with up to 3 decimal places	Trommler/Jan. 2107		
7.2	Alignment of InitialSecurityRecord for the e-AWB: - AC_ID/Name/Address removed - Expiration date complemented for IssuingRA and KC_ID - Listof ExemptionCodes extended - SecurityStatusReason repeatable (for goods with SecurityStatus SHR)	Blanken/April 2017		
7.3	Updated Version Number Only	Blanken/May 2017		

Responsible for changes:

DAKOSY

Datenkommunikationssystem AG

Mattentwiete 2

20457 Hamburg

Phone: + 49 40 37003 - 240

Fax: + 49 40 37003 - 470

E-Mail: info@dakosy.de

Software used

ID	Software
W1	This document has been created using Gefeg.FX
W2	Introductory chapters have been written using MS Word 2010

Validity

This document is valid as of 2017-06-01.

Liability

Any inaccuracies within this document do not imply any liability of DAKOSY.

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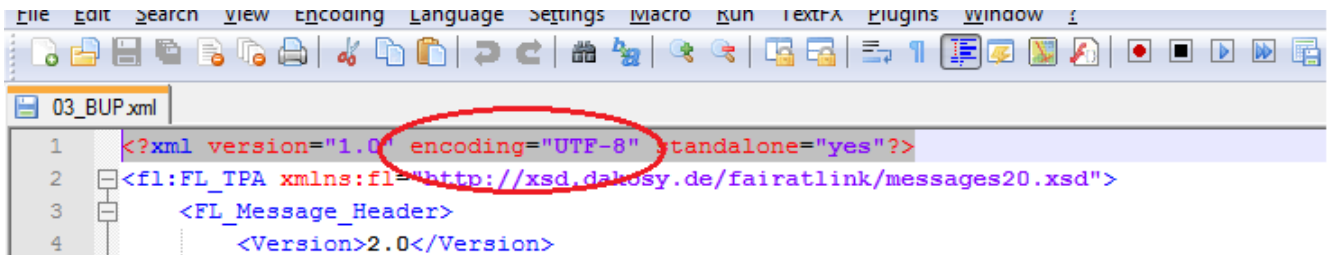
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1 General Remarks about the Fair@Link XML Interface

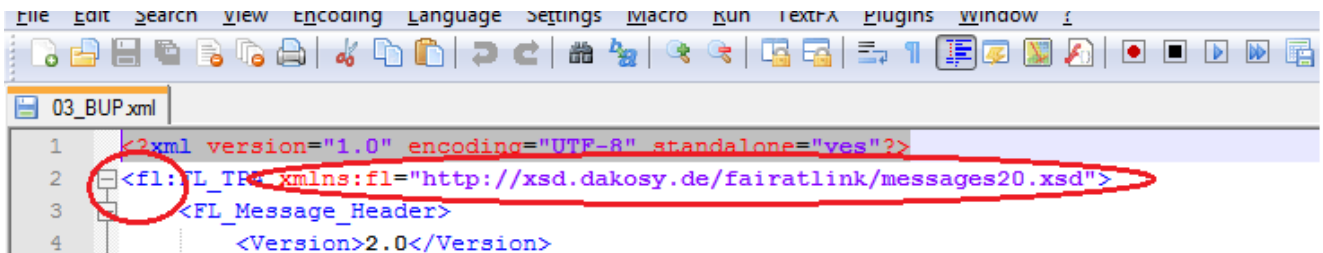
The Fair@Link XML Interface enables participants to send/receive all the consignment and status information that is exchanged within the system. All of the data submitted using the XML interface is available via the Fair@Link web application as well.

1.1 Encoding and Namespaces

XML files sent to Fair@Link must be encoded using either UTF-8 or ISO-8859-15. The encoding used for the transmission should be indicated within the „<?xml“ processing instruction:



XML elements and data types for Fair@Link are defined with namespace 'http://xsd.dakosy.de/fairatlink/messages20.xsd'. For technical reasons it is necessary to have the root element of a message prefixed with 'fl:', which must be defined as a prefix for the Fair@Link namespace:



1.2 Responses (Technical Receipt)

As long as the participant hasn't opted out of this, Fair@Link will return an „FL_MSG_ACK“ for every inbound message. The FL_MSG_ACK contains information whether the participant's file could be processed and/or which errors occurred.

DAKOSY recommends that Fair@Link participants set up the same process on their side, i.e. to „reply“ to every message inbound from Fair@Link using an FL_MSG_ACK. Thus, any communications and/or processing issues can be recognized earlier.

2 Some Remarks on the Different Variations of the FL_TPA

TPA is an abbreviation for „Transport Pre Announcement“. This is one of the most important messages within Fair@Link, used by the forwarder or haulier to initiate an „appointment process“ for pickup or delivery of goods at the agent.

Within Fair@Link the XML message FL_TPA is used for a number of different purposes, though. Depending on the message's purpose, different validation rules might apply. These are described within the structure/detailed description of the message elements.

The exact „use case“ for a TPA message is defined using the XML element „TPAType“ within the message. Below, you'll find a short description of the individual TPA types:

TPAType	Meaning
PREP	The TPA message is used to submit „forecast“ information. „Forecast“ data is a preliminary (non-binding) information about goods that are to be delivered/picked up in the near future, allowing the agent to do some more effective resource planning.
AVIS	Announcement of an upcoming transport to the agent (without information about drivers and vehicles)
FIRM	Announcement of an upcoming transport to the agent (including information about drivers and vehicles)
SPORD	(SPecial ORDer) – The message is used to submit orders for some special handling of goods. This isn't supported by all agents participating in Fair@Link!

3 Description of the XML Interface

Element/Attribute	Annotation	
FL_TPA	Type	fl:FL_TPA
FL_Message_Header	Occurence	1 .. 1
	Type	fl:FL_Message_Header
	Description	The FL_Message_Header is used in all Fair@Link XML messages to transmit basic technical information needed to route the message
Version	Occurence	1 .. 1
	Type	fl:msg_version
	Default	2.0
	Length	1 .. 7
	Pattern	[0-9]+\.[0-9]+
	Description	Version number. Mandatory, must always contain the value '2.0' for backwards compatibility.
FL_MSG_ID	Occurence	1 .. 1
	Type	fl:ID35
	Length	0 .. 35
	Pattern	[a-zA-Z0-9_/-]*
	WhiteSpace	collapse
	Description	Type for Identifiers with a maximum length of 35 characters like UUIDs etc.
FL_Sender_ID	Occurence	1 .. 1
	Type	fl:ID07
	Length	0 .. 7
	Pattern	[a-zA-Z0-9_/-]*
	WhiteSpace	collapse
	Description	Type for 7-Byte Identifiers as used in Participant-ID or SITA Codes
FL_Recipient_ID	Occurence	1 .. 1
	Type	fl:ID07
	Length	0 .. 7
	Pattern	[a-zA-Z0-9_/-]*
	WhiteSpace	collapse
	Description	Type for 7-Byte Identifiers as used in Participant-ID or SITA Codes
CreationTime	Occurence	1 .. 1
	Type	xs:dateTime
Testindicator	Occurence	1 .. 1
	Type	xs:boolean
	Default	false
SentInternal	Occurence	0 .. 1
	Type	fl:string_35
	Default	false
	Length	.. 35
	WhiteSpace	collapse
	Description	Reserved for internal usage
FL_TPA_Header	Occurence	1 .. 1
	Type	fl:FL_TPA_Header
	Description	Functional Header. The TPA Header contains elementary information on concerned parties, the Truck preannouncement and its containments. Simple values are in the attributes, complex or (optionally) repeated values in the sub-elements. Some values are copies or summaries of contained values for easier navigation.
FL_TPA_ID	Occurence	1 .. 1
	Type	fl:ID35
	Length	0 .. 35
	Pattern	[a-zA-Z0-9_/-]*
	WhiteSpace	collapse

Element/Attribute	Annotation
	Description Type for Identifiers with a maximum length of 35 characters like UUIDs etc.
TPA_Type	Occurrence 1 .. 1 Type fl:TPA_Type Length .. 5 WhiteSpace collapse
UpdateIndicator	Occurrence 0 .. 1 Type xs:boolean Default false Description If this flag is set to true, the TPA is treated as an update.
CHTSIndicator	Occurrence 0 .. 1 Type xs:boolean Default false Description If this flag is set to true for a TPA whose TypeOfTransport is "PICKUP", Fair@Link will automatically initiate the Change Of Holder Of Temporary Storage (provided that the system received necessary information from the Cargo Handling Agent and is connected to the forwarder's customs system).
TypeOfTransport	Occurrence 1 .. 1 Type fl:TypeOfTransport Length .. 8 WhiteSpace collapse Description Indicates, whether goods are to be picked up at the agent (= PICKUP) or to be delivered to the agent (= DELIVERY).
TourID	Occurrence 0 .. 1 Type fl:ID35 Length 0 .. 35 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description The Tour ID is used to combine multiple TPAs in case that a truck will visit different Cargo Handling Agents during a single tour. Remark Conditional: Not allowed for TPA_Type "SPORD"
TourSequence	Occurrence 0 .. 1 Type fl:Counter_3 FractionDigits 0 Inclusive 1 .. 999 Description This number is used to order the TPAs within a tour. E.g. the TPA for the agent who is going to be visited first will have TourSequence 1, the second one 2 etc. Remark Conditional: Not allowed for TPA_Type "SPORD"
RFS_FlightNo	Occurrence 0 .. 1 Type fl:IATA_AIRLINE_DESIGNATOR Length 3 .. 7 Pattern ([A-Z0-9]{2}RFS)([A-Z]{2})\d[A-Z]\d[A-Z]\d{1,4}([A-Z]?) Description Road Feeder Services may provide a IATA Flight number in this field. Remark Conditional: Not allowed for TPA_Type "SPORD"
TPA_Recipient	Occurrence 0 .. 1 Type fl:Participant Description Information about the TPA Recipient. Must be sent when sending TPAs to Fair@Link. Remark Usually the TPA_Recipient is equal to the CHA, e.g. the PointOfLoading in case of Import-TPAs (TypeOfTransport=PICKUP) and to the PointOfUnloading in case of Export-TPAs (TypeOfTransport=DELIVERY)

Element/Attribute	Annotation
FL_ID	Occurrence 1 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant Code, usually consisting of 7 numbers/letters, identifying a Fair@Link participant (which might either be a company or a company's branch office). Assigned by DAKOSY:
CompanyName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name
Address	Occurrence 0 .. 1 Type fl:Address Description Address data
CC_BuildingID	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description Cargo City Building ID. This field is used specifically for transports to/from the "Cargo City Süd" at Frankfurt Airport.
City	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description City
EORI	Occurrence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication
EORINumber	Occurrence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
BranchOfficeld	Occurrence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
TPA_Issuer	Occurrence 1 .. 1 Type fl:Participant Description Issuer of the TPA Remark - Usually the TPA_Issuer is the forwarder or haulier executing the transport. Thus this is equal to the PointOfUnloading in case of Import-TPAs (TypeOfTransport=PICKUP) and to the PointOfLoading in case of Export-TPAs (TypeOfTransport=DELIVERY).
FL_ID	Occurrence 1 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant Code, usually consisting of 7

Element/Attribute	Annotation
	numbers/letters, identifying a Fair@Link participant (which might either be a company or a company's branch office). Assigned by DAKOSY:
– CompanyName	Occurence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name
– Address	Occurence 0 .. 1 Type fl:Address Description Address data
– CC_BuildingID	Occurence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description Cargo City Building ID. This field is used specifically for transports to/from the "Cargo City Süd" at Frankfurt Airport.
– City	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description City
– EORI	Occurence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication
– EORINumber	Occurence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
– BranchOfficeId	Occurence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
– Haulier	Occurence 0 .. 1 Type fl:Haulier Remark - Conditional: Not allowed for TPA_Type "SPORD", mandatory for TPA_Type "PREP". - If the same company is issuing the TPA, this element does not have to be sent. A copy of the TPA message will be sent to the Fair@Link participant indicated here (if any). - If the haulier's RAKC should be submitted, an FL_ID must be provided as well (might be identical to the TPA Issuer's FL_ID, if the Issuer itself is the Haulier) Description The company executing the transport.
– xs:sequence	Occurence 0 .. 1
– FL_ID	Occurence 0 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant Code, usually consisting of 7 numbers/letters, identifying a Fair@Link participant (which

Element/Attribute	Annotation
	might either be a company or a company's branch office). Assigned by DAKOSY: Conditional. Mandatory for TPA_Type="PREP".
– CompanyName	Remark Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name Remark Either the FL_ID or the CompanyName must be specified if the element Haulier is present
– Address	Occurrence 0 .. 1 Type fl:Address Description Address data
– CC_BuildingID	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description Cargo City Building ID. This field is used specifically for transports to/from the "Cargo City Süd" at Frankfurt Airport.
– City	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description City
– EORI	Occurrence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication
– EORINumber	Occurrence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
– BranchOfficeId	Occurrence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
– HaulierRAKC	Occurrence 0 .. 1 Type fl:RAKC Length 0 .. 19 Pattern [A-Z]{2}/[RA KC]{2}/[0-9]{5}-[0-9]{2} Description The RAKC identification of the company actually executing the transport. Usually this is the haulier or the TPA issuer.
– Appointment	Occurrence 0 .. 1 Type fl:Appointment Description The estimated/desired date/time of arrival of the truck at the Cargo Handling Agent. Also known as ETA.
– ETA_DATE	Occurrence 1 .. 1 Type xs:date Description The Date
– ETA_TIME	Occurrence 0 .. 1 Type xs:time Remark Should be provided when sending appointment information to the agent or forwarder

Element/Attribute	Annotation
	Description Estimated Time of Arrival (TIME fraction) at destination of the actual transport segment. Proposal of the sender of the message. Time values without time zone indicator will be treated as UTC.
└ RampId	Occurence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse
└ RampRequest	Occurence 0 .. 1 Type xs:boolean Default false Description When sending a TPA Message, this flag is used to ask the receiving Cargo Handling Agent to specify a ramp ID as well as a time slot.
└ TransportDetails	Occurence 0 .. 1 Type fl:TransportDetails Description Information about the vehicle(s) and driver(s) used for a transport. Remark Conditional: Not allowed for TPA_Type "SPORD"
└ xs:sequence	Occurence 0 .. 1
└└ Truck	Occurence 0 .. 1 Type fl:Truck Description Informationen zu einem LKW, mit dem ein Transport durchgeführt wird.
└└└ Type	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Remark Codes defined in code list "Truck Type"
└└└ Vehicle_Plate_Number	Occurence 1 .. 1 Type fl:string_10 Length .. 10 WhiteSpace collapse
└└└ Seals	Occurence 0 .. unbounded Type fl:Seal Description Information about the (customs) seals attached to the vehicle or trailer.
└└└ Issuer	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Issuer of the seal (e.g. "Customs")
└└└ SerialNumber	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Seal Number
└└└ Equipment	Occurence 0 .. unbounded Type fl:Equipment Description Information about special equipment of a truck or trailer
└└└ Equipment_ID	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Type of equipment (see code list) Remark Codes defined in code list "Equipment ID"
└└└ Equipment_Description	Occurence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse

Element/Attribute	Annotation
Trailer	Description Additional description of the equipment Occurrence 0 .. 1 Type fl:Trailer
Type	Description Information about a trailer used for a transport Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Type of the trailer Remark Codes defined in code list "Trailer Type"
Vehicle_Plate_Number	Occurrence 1 .. 1 Type fl:string_10 Length .. 10 WhiteSpace collapse
Seals	Occurrence 0 .. unbounded Type fl:Seal Description Information about the (customs) seals attached to the vehicle or trailer.
Issuer	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Issuer of the seal (e.g. "Customs")
SerialNumber	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Seal Number
Equipment	Occurrence 0 .. unbounded Type fl:Equipment Description Information about special equipment of a truck or trailer
Equipment_ID	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Type of equipment (see code list) Remark Codes defined in code list "Equipment ID"
Equipment_Description	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Additional description of the equipment
Drivers	Occurrence 0 .. 2 Type fl:Driver
FirstName	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Drivers first name
LastName	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Drivers last name
Birthday	Occurrence 0 .. 1 Type xs:date Description Birthday as recorded in official documents. Remark Unqualified date values without timezone will not be treated as UTC but as correlated to local time (timezone at the place of birth).

Element/Attribute	Annotation
└ ValidUntil	Occurrence 0 .. 1 Type xs:date Description Date the Passport or ID-Card is valid until.
└ PointOfLoading	Occurrence 0 .. 1 Type fl:Participant Description Fair@Link participant / Address of Location where a truck is to be loaded. Remark Conditional: Not allowed for TPA_Type "SPORD"
└ xs:sequence	Occurrence 0 .. 1
└ FL_ID	Occurrence 0 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant Code, usually consisting of 7 numbers/letters, identifying a Fair@Link participant (which might either be a company or a company's branch office). Assigned by DAKOSY:
└ CompanyName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name
└ Address	Occurrence 0 .. 1 Type fl:Address Description Address data
└ CC_BuildingID	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description Cargo City Building ID. This field is used specifically for transports to/from the "Cargo City Süd" at Frankfurt Airport.
└ Street	Occurrence 0 .. 1 Type fl:string_100 Length .. 100 WhiteSpace collapse Description Street name
└ StreetNumber	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description House Number
└ ISO_CountryCode	Occurrence 0 .. 1 Type fl:ISO3166_2LC Length 2 .. 2 Pattern [A-Z]{2} Remark Capital Letters only Description Country Code as defined by ISO 3166-1 in ALPHA-2 encoding
└ Postcode	Occurrence 0 .. 1 Type fl:string_12 Length .. 12 WhiteSpace collapse Description ZIP or postal code
└ City	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description City

Element/Attribute	Annotation
- EORI - EORINumber - BranchOfficeId	Occurrence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication
- EORINumber	Occurrence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
- BranchOfficeId	Occurrence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
PointOfUnloading	Occurrence 0 .. 1 Type fl:Participant Description Fair@Link participant / Address of Location where a truck is to be unloaded. Remark Conditional: Not allowed for TPA_Type "SPORD"
- xs:sequence - FL_ID	Occurrence 0 .. 1 Occurrence 0 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant Code, usually consisting of 7 numbers/letters, identifying a Fair@Link participant (which might either be a company or a company's branch office). Assigned by DAKOSY:
- CompanyName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name
- Address	Occurrence 0 .. 1 Type fl:Address Description Address data
- CC_BuildingID	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description Cargo City Building ID. This field is used specifically for transports to/from the "Cargo City Süd" at Frankfurt Airport.
- Street	Occurrence 0 .. 1 Type fl:string_100 Length .. 100 WhiteSpace collapse Description Street name
- StreetNumber	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description House Number

Element/Attribute	Annotation
ISO_CountryCode	Occurrence 0 .. 1 Type fl:ISO3166_2LC Length 2 .. 2 Pattern [A-Z]{2} Remark Capital Letters only Description Country Code as defined by ISO 3166-1 in ALPHA-2 encoding
Postcode	Occurrence 0 .. 1 Type fl:string_12 Length .. 12 WhiteSpace collapse Description ZIP or postal code
City	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description City
EORI	Occurrence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication
EORINumber	Occurrence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
BranchOfficeId	Occurrence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
AttachmentRefs	Occurrence 0 .. 1 Type fl:AttachmentRefList Description This element contains a list of attachment references, pointing to attachments that have been sent along with the XML message.
AttachmentRef	Occurrence 1 .. unbounded Type fl:AttachmentRef Description A reference to an attachment that has been sent along in the XML message. The content of this AttachmentRef's "AttachmentId" field must correspond to an "AttachmentId" in some Attachment element within the same XML message.
AttachmentType	Occurrence 1 .. 1 Type fl:AttachmentType Description This field indicates the type of the attached document.
IssuingPerson	Occurrence 1 .. 1 Type fl:Person Description Contact Details of the person who created/amended the message
Name	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Name of the person

Element/Attribute	Annotation
— TelephoneNumber	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Phone number of the person
— eMailAddress	Occurrence 0 .. 1 Type fl:E_Mail_Address Length .. 254 Pattern ([_A-Za-z0-9-]+)(\.[_A-Za-z0-9-]+)*@[A-Za-z0-9-]+(\.[A-Za-z0-9-]+)*(\.[A-Za-z]{2,}) Description eMail address of the person
— Consignment	Occurrence 1 .. unbounded Type fl:Consignment Description Information about a consignment within a TPA message. Usually, the "consignment level" within a TPA is representing the individual (Master) AWBs, i.e. one "Consignment" element represents one AWB Remark Cardinality is 1..1 in case of TPA_Type is "SPORD"
— AWB	Occurrence 0 .. 1 Type fl:AWB_Reference Pattern \d{3}-\d{8} WhiteSpace collapse Description AWB number (Format: ###-#####) Remark The AWB number can be omitted if the Consignment is just used to "glue" a list of House AWBs / individual cargo items to a TPA Header Remark AWB number is mandatory if: a) The consignment is associated with an export ("DELIVERY") TPA, but at least one of the enclosed Positions does not have a House AWB number
— AWB_FlightNumber	Occurrence 0 .. 1 Type fl:IATA_AIRLINE_DESIGNATOR Length 3 .. 7 Pattern ([A-Z0-9]{2}RFS)([A-Z]{2})\d[A-Z][A-Z]\d{1,4}([A-Z]?) Description IATA Flight number of the flight which is going to transport the shipment described in this Consignment element
— AWB_FlightDate	Occurrence 0 .. 1 Type xs:date Description Scheduled departure resp. arrival date of the flight
— AWB-Origin_Airport	Occurrence 0 .. 1 Type fl:IATA_3LC Description The IATA 3-Letter Code for the AWB's originating airport. Mandatory if an AWB number is provided.
— AWB-Destination_Airport	Occurrence 0 .. 1 Type fl:IATA_3LC Description The IATA 3-Letter Code for the AWB's destination airport. Mandatory if an AWB number is provided.
— ShipmentType	Occurrence 0 .. 1 Type xs:string Description Shipment Type (Consol, IATA-Direct...). Refer to code list for possible values.
— PackingCode	Occurrence 0 .. 1 Type fl:string_12 Length .. 12 WhiteSpace collapse Description Type of this consignment, can either be BULK or ULD Remark Codes defined in code list "Packing Code"

Element/Attribute	Annotation
– Description	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Goods Description
– Remarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Free text field for additional notes, instructions etc.
– AdditionalReferences	Occurrence 0 .. unbounded Type fl:ExternalReferences Description Additional references
– Reference	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Reference Number
– ReferenceType	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Type of the reference (e.g. "Forwarder Reference") Remark Codes defined in code list "Reference Type"
– Issuer_FL_ID	Occurrence 0 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant ID of the party who issued this reference
– Issuer_CompanyName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company name of the party issuing this reference. Mandatory if no Fair@Link ID is provided.
– Carrier	Occurrence 0 .. 1 Type fl:Carrier Description The Air Freight Carrier that handles this consignment. Remark Conditional: Mandatory if the AWB number is specified.
xs:sequence	Occurrence 0 .. 1
– FL_ID	Occurrence 0 .. 1 Type fl:ID07 Length 0 .. 7 Pattern [a-zA-Z0-9_/-]* WhiteSpace collapse Description Fair@Link Participant Code, usually consisting of 7 numbers/letters, identifying a Fair@Link participant (which might either be a company or a company's branch office). Assigned by DAKOSY: Remark Not used for specifying the Air Freight Carrier of a Consignment within a TPA.
– CompanyName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name Remark Not used for specifying the Air Freight Carrier of a Consignment within a TPA.

Element/Attribute	Annotation
EORI	Occurrence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication Remark Not used for specifying the Air Freight Carrier of a Consignment within a TPA.
- EORINumber	Occurrence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
- BranchOfficeld	Occurrence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
AirlineCode	Occurrence 1 .. 1 Type fl:IATA_AIRLINE_2LC Pattern ([A-Z]{2})\d[A-Z]([A-Z]\d) Description IATA 2-Letter Code of the airline
Forwarder	Occurrence 1 .. 1 Type fl:AirfreightForwarder Description The air freight forwarder responsible for this consignment. Remark Conditional: Optional for Consignments in FL_TPA of TPA_Type "SPORD", mandatory in all other cases.
CompanyName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Company Name
Address	Occurrence 0 .. 1 Type fl:Address Description Address data
- CC_BuildingID	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description Cargo City Building ID. This field is used specifically for transports to/from the "Cargo City Süd" at Frankfurt Airport.
- Street	Occurrence 0 .. 1 Type fl:string_100 Length .. 100 WhiteSpace collapse Description Street name
- StreetNumber	Occurrence 0 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Description House Number
ISO_CountryCode	Occurrence 0 .. 1 Type fl:ISO3166_2LC Length 2 .. 2 Pattern [A-Z]{2} Remark Capital Letters only Description Country Code as defined by ISO 3166-1 in ALPHA-2 encoding

Element/Attribute	Annotation
Postcode	Occurrence 0 .. 1 Type fl:string_12 Length .. 12 WhiteSpace collapse Description ZIP or postal code
City	Occurrence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description City
EORI	Occurrence 0 .. 1 Type fl:EORI Description The European identification number for participants in customs communication
EORINumber	Occurrence 0 .. 1 Type xs:string Length 0 .. 19 Pattern [A-Z]{2}[A-Z0-9]{1,17} Description This field contains the actual EORI number (e.g. DE9275699)
BranchOfficeId	Occurrence 0 .. 1 Type xs:string Length 0 .. 4 Pattern [0-9]{1,4} Description This field contains the branch office id. Customs assigns only one EORI number to each company. Branch offices are separated using the 4-digit branch office id.
RAKC	Occurrence 0 .. 1 Type fl:RAKC Length 0 .. 19 Pattern [A-Z]{2}/[RA KC]{2}/[0-9]{5}-[0-9]{2} Description The ID number of a Regulated Agent or Known Consignor
IATAAgentCode	Occurrence 0 .. 1 Type fl:IATA_AGENTCODE Length 7 .. 11 Pattern ([0-9]{7})[0-9]{11} Description The code for an airfreight agent, assigned by the IATA
LAT_OR_TOA	Occurrence 0 .. 1 Type fl:DATE_AND_TIME Description Usually used to indicate the Latest Acceptance Time as known to the company issuing the TPA
DATE	Occurrence 1 .. 1 Type xs:date Description The date part of a date/time information
TIME	Occurrence 1 .. 1 Type xs:time Description The time part of a date/time information Remark Latest Acceptance time (TIME fraction) at destination of the actual transport segment.
MeasurementsActual	Occurrence 0 .. 1 Type fl:PhysicalCharacteristics Remark This element is used to indicate the values of (the part of) the consignment actually to be delivered / picked up with this transport (for part load) Description Information about weight, dimensions, volume and number of pieces (of this consignment). Remark If TPAType is 'SPORD' then MeasurementsActual is no longer required.
xs:sequence	Occurrence 0 .. 1

Element/Attribute	Annotation
– NumberOfPieces	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number Of Pieces
– NumberOfPiecesDGR	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number of pieces containing dangerous goods
– VolumeAmount	Occurrence 0 .. 1 Type fl:volume FractionDigits 2 TotalDigits 9 Inclusive 0.01 .. 999999999 Remark If specified a VolumeCode must be specified too. Description Volume
– VolumeCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Volume code Remark Codes defined in code list "Measurements (Volume)"
– Weight	Occurrence 0 .. 1 Type fl:weight FractionDigits 3 TotalDigits 7 Inclusive 0.001 .. 9999999 Remark If specified a WeightCode must be specified too. Description Weight
– WeightCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Weight code Remark Codes defined in code list "Measurements (Weight)"
– MeasurementsBooked	Occurrence 0 .. 1 Type fl:PhysicalCharacteristics Description Information about weight, dimensions, volume and number of pieces (of a shipment or a ULD)
xs:sequence	Occurrence 0 .. 1
– NumberOfPieces	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number Of Pieces
– NumberOfPiecesDGR	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number of pieces containing dangerous goods
– VolumeAmount	Occurrence 0 .. 1 Type fl:volume FractionDigits 2 TotalDigits 9 Inclusive 0.01 .. 999999999 Remark If specified a VolumeCode must be specified too. Description Volume
– VolumeCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Volume code Remark Codes defined in code list "Measurements (Volume)"

Element/Attribute	Annotation
Weight	Occurrence 0 .. 1 Type fl:weight FractionDigits 3 TotalDigits 7 Inclusive 0.001 .. 9999999 Remark If specified a WeightCode must be specified too. Description Weight
WeightCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Weight code Remark Codes defined in code list "Measurements (Weight)"
SpecialCargoIndicators	Occurrence 0 .. 1 Type fl:SpecialCargoIndicators Description Used to indicate special properties of the consignment/shipment (e.g. "Contains Dangerous Goods")
HandlingInstructions	Occurrence 0 .. unbounded Type fl:HandlingInstructions Description Contains information about additional tasks to be performed or equipment needed during or after (un-)loading of the goods.
InstructionCode	Occurrence 1 .. 1 Type fl:InstructionCode Length .. 8 Pattern [A-Z]* Remark Codes defined in code list "Handling Instruction Codes" Description Code for handling instruction
Remarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Additional remarks regarding this Handling Instruction
CustomsReferences	Occurrence 0 .. unbounded Type fl:CustomsReferences Description This element contains information about the customs procedure and customs references which apply to a consignment or a consignment position. Might be repeated to specify multiple references.
CustomsProcedure	Occurrence 1 .. 1 Type fl:string_12 Length .. 12 WhiteSpace collapse Description The customs procedure (see code list) Remark Codes defined in code list "Customs Procedures"
RefCode	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Customs reference (e.g. MRN or ATB number) or AWB Number
RefCodeType	Occurrence 0 .. 1 Type fl:string_3 Default REG Length 3 .. 3 Description Specifies the type of reference provided in RefCode. Default value is 'REG', meaning that RefCode contains a customs reference such as an MRN or ATB number. Valid values for this field can be found in the relevant code list.

Element/Attribute	Annotation
Position	Occurrence 0 .. 1 Type xs:nonNegativeInteger FractionDigits 0 Inclusive 0 .. Description Used to address a specific position (part of) a customs reference
CustomsStatus	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Used to indicate the current status of a customs reference/position (see code list) Remark Codes defined in code list "Statuscodes - Customs/Export"
CustomsStatusRemarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Additional Remarks Remark Might contain an error description or the time/location of a customs inspection.
ChangeHolderStatus	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Status of an ATB reference, used for the automatic "Change Of Holder Of Temporary Storage" in Fair@Link Remark Codes defined in code list "Statuscodes - Change Holder"
SpecificKey	Occurrence 0 .. 1 Type fl:string_44 Length .. 44 WhiteSpace collapse Description Reference for assigning a summary declaration process.
EndOfStoragePeriod	Occurrence 0 .. 1 Type xs:date Description Time in which the goods should receive customs approved treatment (e.g. placing under any customs procedure) by the depositary.
Origin	Occurrence 0 .. 1 Type fl:IATA_3LC Description IATA 3-Letter-Code of the origin airport/location of this customs reference / position. This information is used when sending a ATB "split" message to customs
GoodsDescription	Occurrence 0 .. 1 Type fl:string_140 Length .. 140 WhiteSpace collapse Description Goods description of this customs reference / position. This information is used when sending a ATB "split" message to customs. Limited to 140 char since this is the maximum length allowed by german customs.
Measurements	Occurrence 0 .. 1 Type fl:PhysicalCharacteristics Description Information about the number of pieces and weight of this customs reference / position. This information is used when sending a ATB "split" message to customs
xs:sequence	Occurrence 0 .. 1

Element/Attribute	Annotation
NumberOfPieces	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number Of Pieces
Weight	Occurrence 0 .. 1 Type fl:weight FractionDigits 3 TotalDigits 7 Inclusive 0.001 .. 9999999 Remark If specified a WeightCode must be specified too. Description Weight
WeightCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Weight code Remark Codes defined in code list "Measurements (Weight)"
ULD	Occurrence 0 .. unbounded Type fl:ULD Description Information about an ULD Remark If the PackingCode of the Consignment is MIXED, PALETTE or ULD and the TPA_Type is AVIS or FIRM at least one ULD element is mandatory. Note that the weight must be specified, even if inaccurate. The sum of weights of all ULD elements may not exceed the weight specified in MeasurementsActual on consignment level.
- xs:choice - Contour	Occurrence 1 .. 1 Type fl:string_6 Length .. 6 WhiteSpace collapse Remark Either the Contour or the ULD Prefix must be provided when specifying a ULD. Description Contour of the ULD (see code list)
Prefix	Occurrence 1 .. 1 Type fl:string_3-4_ALPHANUM_CAPITAL Length 3 .. 4 Pattern [A-Z0-9]{3,4} WhiteSpace collapse Description ULD Prefix Remark Either prefix or contour must be provided when specifying a ULD.
SerialNumber	Occurrence 0 .. 1 Type fl:uldSerial Length 4 .. 5 Pattern [A-Z0-9]{4,5} Description Serial number of ULD. Remark Leading zeroes are allowed. Might be provided when ULD prefix is specified, must not be provided when ULD contour is set instead of prefix.
AirlineCode	Occurrence 0 .. 1 Type fl:IATA_AIRLINE_2LC Pattern ([A-Z]{2})\d[A-Z][A-Z]\d Description IATA 2-Letter Code of an Airline Remark Might be provided when ULD prefix is specified, must not be provided when ULD contour is set instead of prefix.
MeasurementsULD	Occurrence 0 .. 1 Type fl:PhysicalCharacteristics Description Information about weight, dimensions, volume and number of pieces (of a shipment or a ULD) Remark Mandatory for TPA_Type AVIS and FIRM. Note that the

Element/Attribute	Annotation
	weight must be specified, even if inaccurate. The sum of weights of all ULD elements may not exceed the weight specified in MeasurementsActual on consignment level.
xs:sequence	Occurrence 0 .. 1
NumberOfPieces	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number Of Pieces
NumberOfPiecesDGR	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number of pieces containing dangerous goods
Weight	Occurrence 0 .. 1 Type fl:weight FractionDigits 3 TotalDigits 7 Inclusive 0.001 .. 9999999 Remark If specified a WeightCode must be specified too. Description Weight Remark Mandatory for TPA_Type AVIS and FIRM. Note that the weight must be specified, even if inaccurate. The sum of weights of all ULD elements may not exceed the weight specified in MeasurementsActual on consignment level.
WeightCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Weight code Remark Codes defined in code list "Measurements (Weight)"
InitialSecurityRecord	Occurrence 0 .. 1 Type fl:InitialSecurityRecord Description Security information about a consignment. Remark TPA in state PREP or DRAFT often omit the assignment of an ISR
SecurityStatus	Occurrence 1 .. 1 Type fl:SecurityStatus Length 3 .. 4 Description Security status of a shipment (see code list) Description Sicherheitsstatus einer Sendung (s. Codeliste) Remark Codes defined in code list "Security Status" Remark If SecurityStatus or SecurityStatusReason "NSEC" is set the corresponding value must be set to "NSEC" too.
SecurityStatusReason	Occurrence 1 .. 9 Type fl:SecurityStatusReason Description Security Status Reason (see code list) Remark Reason Code SRAC (Secure by Account Consignor) requires SecurityStatus to be set to SCO according to EC laws. SPX with reason code SRAC is not allowed. Remark Codes defined in code list "Security Status Reason" Remark If SecurityStatus or SecurityStatusReason "NSEC" is set the corresponding value must be set to "NSEC" too.
IssuingRA	Occurrence 0 .. 1 Type fl:RAKC Length 0 .. 19 Pattern [A-Z]{2}/[RA KC]{2}/[0-9]{5}-[0-9]{2} Description RAKC code of the company issuing the security status Remark Mandatory if SecurityStatus SCO or SPX

Element/Attribute	Annotation
IssuerName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Name of the Person that testified the security status Description Name der Person, die den Sicherheitsstatus festgestellt hat
IssuerLocalID	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Remark (Currently not used)
KC_ID	Occurrence 0 .. 1 Type fl:RAKC Length 0 .. 19 Pattern [A-Z]{2}/[RA KC]{2}/[0-9]{5}-[0-9]{2} Description Identifier of the issuing Known Consignor (official ID in EU-DB) Remark (Currently not used)
CreationDT	Occurrence 0 .. 1 Type xs:dateTime Description Date and Time when the security status has been issued.
NumberOfPiecesSecured	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number of pieces that have been "secured" by this security measure
Position	Occurrence 0 .. unbounded Type fl:Position Description If Consignment ist identified by AWB or MAWB reference (see choice element "AWB" on consignment level) this substructure may be used to specify the list of House-AWB's that are part of the consignment in the actual transport. Remark Upper limit set to unbounded due to technical reasons. Should not exceed 9999 Positions per Consignment.
SequenceNumber	Occurrence 1 .. 1 Type fl:Counter_4 FractionDigits 0 Inclusive 1 .. 9999 Description Sequence of the position within it's parent consignment
HAWB	Occurrence 0 .. 1 Type fl:HAWB_Reference Length 1 .. 12 WhiteSpace collapse Description House-AWB number Remark If the AWB reference is omitted in the superior Consignment, an ID in the HAWB element becomes mandatory. The ID must be unique in the context of the Forwarder (Element Forwarder in Consignment).
Description	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Description of goods Remark Conditional: Optional for Consignments in FL_TPA of TPA_Type "SPORD", mandatory in all other cases.

Element/Attribute	Annotation
– Consignor	Occurrence 0 .. 1 Type fl:string_200 Length .. 200 WhiteSpace collapse
– Consignee	Occurrence 0 .. 1 Type fl:string_200 Length .. 200 WhiteSpace collapse Description Recipient of the goods
– Origin	Occurrence 0 .. 1 Type fl:IATA_3LC Description IATA 3-Letter-Code describing an Airport
– Destination	Occurrence 0 .. 1 Type fl:IATA_3LC Description IATA 3-Letter-Code describing an Airport
– Measurements	Occurrence 0 .. 1 Type fl:PhysicalCharacteristics Description Information about weight, dimensions, volume and number of pieces within this position
– xs:sequence	Occurrence 0 .. 1
– NumberOfPieces	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number Of Pieces
– NumberOfPiecesDGR	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number of pieces containing dangerous goods
– Length	Occurrence 0 .. 1 Type fl:dimension FractionDigits 0 Inclusive 1 .. 99999 Remark If this is specified, width, height and dimension unit must be provided as well
– Width	Occurrence 0 .. 1 Type fl:dimension FractionDigits 0 Inclusive 1 .. 99999 Description Width value. Remark If this is specified, length, height and dimension unit must be provided as well
– Height	Occurrence 0 .. 1 Type fl:dimension FractionDigits 0 Inclusive 1 .. 99999 Description Height value. Remark If this is specified, width, length and dimension unit must be provided as well
– DimensionUnitCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Dimension unit (see code list) Remark Must be provided if length/width/height are specified Remark Codes defined in code list "Measurements (Dimensions)"

Element/Attribute	Annotation
VolumeAmount	Occurrence 0 .. 1 Type fl:volume FractionDigits 2 TotalDigits 9 Inclusive 0.01 .. 999999999 Remark If specified a VolumeCode must be specified too. Description Volume
VolumeCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Volume code Remark Codes defined in code list "Measurements (Volume)"
Weight	Occurrence 0 .. 1 Type fl:weight FractionDigits 3 TotalDigits 7 Inclusive 0.001 .. 9999999 Remark If specified a WeightCode must be specified too. Description Weight
WeightCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Weight code Remark Codes defined in code list "Measurements (Weight)"
SpecialCargoIndicators	Occurrence 0 .. 1 Type fl:SpecialCargoIndicators Description Used to indicate special properties of the position (e.g. "Contains Dangerous Goods")
HandlingInstructions	Occurrence 0 .. unbounded Type fl:HandlingInstructions Description Contains information about additional tasks to be performed or equipment needed during or after (un-) loading of the goods.
InstructionCode	Occurrence 1 .. 1 Type fl:InstructionCode Length .. 8 Pattern [A-Z]* Remark Codes defined in code list "Handling Instruction Codes" Description Code for handling instruction
Remarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Additional remarks regarding this Handling Instruction
InitialSecurityRecord	Occurrence 0 .. 1 Type fl:InitialSecurityRecord Description Security information about this position
SecurityStatus	Occurrence 1 .. 1 Type fl:SecurityStatus Length 3 .. 4 Description Security status of a shipment (see code list) Description Sicherheitsstatus einer Sendung (s. Codeliste) Remark Codes defined in code list "Security Status" Remark If SecurityStatus or SecurityStatusReason "NSEC" is set the corresponding value must be set to "NSEC" too.
SecurityStatusReason	Occurrence 1 .. 9 Type fl:SecurityStatusReason Description Security Status Reason (see code list) Remark Reason Code SRAC (Secure by Account Consignor) requires SecurityStatus to be set to SCO according to EC laws. SPX with reason code SRAC is not allowed. Remark Codes defined in code list "Security Status Reason"

Element/Attribute	Annotation
	Remark If SecurityStatus or SecurityStatusReason "NSEC" is set the corresponding value must be set to "NSEC" too.
– IssuingRA	Occurrence 0 .. 1 Type fl:RAKC Length 0 .. 19 Pattern [A-Z]{2}/[RA KC]{2}/[0-9]{5}-[0-9]{2} Description RAKC code of the company issuing the security status Remark Mandatory if SecurityStatus SCO or SPX
– IssuerName	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Name of the Person that testified the security status Description Name der Person, die den Sicherheitsstatus festgestellt hat
– IssuerLocalID	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Remark (Currently not used)
– KC_ID	Occurrence 0 .. 1 Type fl:RAKC Length 0 .. 19 Pattern [A-Z]{2}/[RA KC]{2}/[0-9]{5}-[0-9]{2} Description Identifier of the issuing Known Consignor (official ID in EU-DB) Remark (Currently not used)
– CreationDT	Occurrence 0 .. 1 Type xs:dateTime Description Date and Time when the security status has been issued.
– NumberOfPiecesSecured	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number of pieces that have been "secured" by this security measure
– CustomsReferences	Occurrence 0 .. unbounded Type fl:CustomsReferences Description This element contains information about the customs procedure and customs references which apply to a consignment or a consignment position.
– CustomsProcedure	Occurrence 0 .. 1 Type fl:string_12 Length .. 12 WhiteSpace collapse Description The customs procedure (see code list) Remark Codes defined in code list "Customs Procedures"
– RefCode	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Customs reference (e.g. MRN or ATB number) or AWB Number
– RefCodeType	Occurrence 0 .. 1 Type fl:string_3 Default REG Length 3 .. 3 Description Specifies the type of reference provided in RefCode. Default value is 'REG', meaning that RefCode contains a customs reference such as an MRN or ATB number. Valid

Element/Attribute	Annotation
	values for this field can be found in the relevant code list.
– Position	Occurrence 0 .. 1 Type xs:nonNegativeInteger FractionDigits 0 Inclusive 0 .. Description Used to address a specific position (part of) a customs reference
– CustomsStatus	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Used to indicate the current status of a customs reference/position (see code list) Remark Codes defined in code list "Statuscodes - Customs/Export"
– CustomsStatusRemarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Additional Remarks Remark Might contain an error description or the time/location of a customs inspection.
– ChangeHolderStatus	Occurrence 0 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description Status of an ATB reference, used for the automatic "Change Of Holder Of Temporary Storage" in Fair@Link Remark Codes defined in code list "Statuscodes - Change Holder"
– SpecificKey	Occurrence 0 .. 1 Type fl:string_44 Length .. 44 WhiteSpace collapse Description Reference for assigning a summary declaration process.
– EndOfStoragePeriod	Occurrence 0 .. 1 Type xs:date Description Time in which the goods should receive customs approved treatment (e.g. placing under any customs procedure) by the depositary.
– Origin	Occurrence 0 .. 1 Type fl:IATA_3LC Description IATA 3-Letter-Code of the origin airport/location of this customs reference / position. This information is used when sending a ATB "split" message to customs
– GoodsDescription	Occurrence 0 .. 1 Type fl:string_140 Length .. 140 WhiteSpace collapse Description Goods description of this customs reference / position. This information is used when sending a ATB "split" message to customs. Limited to 140 char since this is the maximum length allowed by german customs.
– Measurements	Occurrence 0 .. 1 Type fl:PhysicalCharacteristics Description Information about the number of pieces and weight of this customs reference / position. This information is used when sending a ATB "split" message to customs
– xs:sequence	Occurrence 0 .. 1

Element/Attribute	Annotation
NumberOfPieces	Occurrence 0 .. 1 Type fl:Counter_8 FractionDigits 0 Inclusive 1 .. 99999999 Description Number Of Pieces
Weight	Occurrence 0 .. 1 Type fl:weight FractionDigits 3 TotalDigits 7 Inclusive 0.001 .. 9999999 Remark If specified a WeightCode must be specified too. Description Weight
WeightCode	Occurrence 0 .. 1 Type fl:string_2_fix Description Weight code Remark Codes defined in code list "Measurements (Weight)"
SpecialHandlingCodes	Occurrence 0 .. unbounded Type fl:SpecialHandlingCodes Description Special Handling Codes applying to a shipment or shipment position as defined within the IATA Cargo IMP Standard
SpecialHandlingCode	Occurrence 1 .. 1 Type fl:string_3 Length .. 3 Description Special Handling Codes applying to a shipment or shipment position as defined within the IATA Cargo IMP Standard
Remarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Additional remarks
PackageReferenceNumbers	Occurrence 0 .. 1 Type fl:ListOfNumbers Remark Used in the context of special orders (SPORD).
SpecialHandlingCodes	Occurrence 0 .. unbounded Type fl:SpecialHandlingCodes Description Special Handling Codes applying to a shipment or shipment position as defined within the IATA Cargo IMP Standard
SpecialHandlingCode	Occurrence 1 .. 1 Type fl:string_3 Length .. 3 Description Special Handling Codes applying to a shipment or shipment position as defined within the IATA Cargo IMP Standard
Remarks	Occurrence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description Additional remarks
AttachmentRefs	Occurrence 0 .. 1 Type fl:AttachmentRefList Description This element contains a list of attachment references, pointing to attachments that have been sent along with the XML message.
AttachmentRef	Occurrence 1 .. unbounded Type fl:AttachmentRef Description A reference to an attachment that has been sent along in the XML message. The content of this AttachmentRef's

Element/Attribute	Annotation
	"AttachmentId" field must correspond to an "AttachmentId" in some Attachment element within the same XML message.
AttachmentType	Occurence 1 .. 1 Type fl:AttachmentType Description This field indicates the type of the attached document.
Attachments	Occurence 0 .. 1 Type fl:AttachmentList Description A list of documents attached to an XML message. Note that this element contains the actual document contents only, the relation of a document to individual elements within the XML message is defined by a DocumentRef within that element.
xs:sequence	Occurence 1 .. unbounded
Attachment	Occurence 1 .. 1 Type fl:Attachment
AttachmentId	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description The Attachment ID. This is a unique identifier (i.e. unique per customer) for an individual Document. If a document is changed, the Attachment ID must change as well.
OriginalFileName	Occurence 0 .. 1 Type fl:string_350 Length .. 350 WhiteSpace collapse Description This (optional) field might be used to submit the original file name of an attached document. E.g. if a document from a user's computer is being added to a TPA, this field might contain the name the file had on that computer.
AttachmentMIMETYPE	Occurence 1 .. 1 Type fl:string_35 Length .. 35 WhiteSpace collapse Description The attached document's MIME type. This field is used to support the receiving party with processing the document.
xs:choice	Occurence 1 .. 1
AttachmentURL	Occurence 1 .. 1 Type xs:string Description Contains an URL to a document.
AttachmentContent	Occurence 1 .. 1 Type xs:base64Binary Description The document's contents in Base64 encoded form.

4 Appendix – Code Lists

This appendix describes the codes used within the Fair@Link interfaces. It contains only those codes defined specifically for Fair@Link. Whenever codes from other standards are used (e.g. Cargo-IMP) please refer to the documentation of these standards for valid codes.

4.1 Equipment ID

Code	Meaning
CRANE	Vehicle is equipped with a loading crane
LIFT	Vehicle is equipped with a lift
ROLLER	Vehicle is equipped with a „roller bed“

4.2 Handling Instruction Codes

Code	Meaning
ALLOWED	Tool usage on truck allowed
BUPFAST	„Fast Lane“ BUP
CRANE	Loading crane requested
CREW	Additional loading personnel requested
CUSTSEAL	Customs Seal
DECONSOL	Deconsol order
FORKLIFT	Forklift requested
MEASURE	Determine dimensions and volume of cargo
NEUTRAL	Neutralize cargo
PALETTE	Builup on non-flight palette (e.g. Euro-Palette)
PHOTO	Take a photo of the cargo
ROLLER	Truck needs to be equipped with „roller bed“
SHRINK	Shrink-Wrap consignment
SIDELOAD	Consignment/Cargo needs to be side loaded
STORAGE	Request for storage of goods
WEIGH	Determine weight of consignment

4.3 Measurements (Weight)

Code	Meaning
KG	Kilograms

4.4 Measurements (Dimension)

Code	Meaning
CM	Centimetres
FT	Feet
IN	Inches
MT	Metres

4.5 Measurements (Volume)

Code	Meaning
CC	Cubic Centimetres
CF	Cubic Feet
CI	Cubic Inches
MC	Cubic Metres

4.6 Packing Code

Code	Meaning
BULK	Bulk Cargo
ULD	Cargo on palletes/ULD

4.7 Security Status

Code	Meaning
NSEC	Not Secure
SCO	Secure for cargo aircraft only
SPX	Secure for all aircraft
SHR	Secure high risk

4.8 Security Status Reason

Code	Meaning
NSEC	Not Secure
SAAM	Secure as per attached manifest
SRAC	Secure by account consignor
SRGT	Secure by goods and transfer
SRKC	Secure by known consignor
SRMC	Secure by manual checks (e.g. hand search)
SRTX	Secure by goods and transit
SRXR	Secure by x-ray

4.9 TPA Type

Code	Meaning
AVIS	The TPA is an „AVIS“, i.e. it contains the consignment data, but driver and truck data cannot be provided yet.
BDOWN	The TPA represents a „Break Down“ manifest (note that the „SPORD“ serves this purpose as well)
BUP	The TPA represents a „BuildUp“ (BUP) manifest
DRAFT	(internal use only)
FHL	(internal use only)
FIRM	The TPA is complete, i.e. it contains all the data needed and a reply (Confirmation / Rejection) from the recipient is expected.
FWB	(internal use only)
PREP	The TPA is a „Forecast“ – it describes upcoming transports
SPORD	„Special Order“ – The TPA contains a number of Handling Instructions for an AWB/HAWB (e.g. DECONSOL, SHRINKWRAP... - s. „Handling Instruction Codes“)

4.10 Reference Type

Code	Meaning
Consignee	Consignee's reference
Consignor	Consignor's reference

Consolidator	Consolidator's reference
Forwarder	Forwarder's reference
Haulier	Trucker's reference
MAWB	MAWB Number

4.11 Trailer Type

Code	Meaning
TRAILER	
SEMITRAILER	

4.12 Truck Type

Code	Meaning
TRUCK	Truck
TRACTOR	Tractor
CAR	Car
VAN	Transporter („Sprinter“)

4.13 Customs Procedures

Code	Meaning
AES	Automated Export System
C	Community Goods
ECS	Export Control System
ICS	Import Control System
NCTS	New Computerized Transit System
SumA	Summary Declaration

4.14 Statuscodes

General remark concerning status codes: Whether or not certain status codes are available depends on the systems of the parties involved (e.g. customs, airline, agents etc.)

4.14.1 Statuscodes – Customs/Export

When sending a “Customs/Export” status code, the field “StatusQualifier” within the XML message must contain the value **AES**.

Code	Meaning	Description	Sender
CER	Customs Error		Customs System
STA	Release		Customs System
CTL	Control		Customs System
STP	Stop	Export interdicted by customs	Customs System
GIN	Gate-In	Gate-In (trigger presentation to customs)	Customer
CST	Customs Status		Customs System

4.14.2 Statuscodes Customs/Import

Code	Meaning	Description	Sender
CER	Customs Error		Customs System
SFC	Summary Declaration Finished – Complete		Customs System
SFI	Summary Declaration Finished		Customs System

4.14.3 Statuscodes – Change Holder

When sending a “Change Holder” status code, the field “StatusQualifier” within the XML message must contain the value **CHTS**.

Code	Meaning	Description	Sender
CDO	CHTS Done	Change of holder of temporary storage executed successfully	Customs System
CIN	CHTS Init	Execute change of holder of temporary storage	Customer
CRD	CHTS Repositioning Done	Repositioning of goods completed	Customs System
CRW	CHTS Repositioning Warn	Warning: Time frame for repositioning of goods is about to expire	Fair@Link
CER	Customs Error		Customs System

4.14.4 Statuscodes – Change Of Owner Of Right Of Disposal

When sending a status code for change of owner of right of disposal, the field “StatusQualifier” within the XML message must contain the value **CORD**.

Code	Meaning	Description	Sender
VDO	CORD Done	Change of owner of right of disposal temporary storage executed successfully	Customs System
VIN	CORD Init	Execute CORD	Customer
CER	Customs Error		Customs System

4.14.5 Statuscodes – ATB Split (sent on consignment level)

When sending a “Change Holder” status code, the field “StatusQualifier” within the XML message must contain the value **SPLIT**.

Code	Meaning	Description	Sender
SDO	Split-Up Done	ATB Split Up completed successfully	Customs System
SIN	Split-Up Init	Execute Split Up	Customer
CER	Customs Error		Customs System

4.14.6 Statuscodes – Special Orders

Code	Meaning	Description	Sender
HIS	Handling Instr. Start	Start of executing a specific „Special Order“	Recipient of SPORD TPA
HIE	Handling Instr. End	A specific „Special Order“ has been completed	Recipient of SPORD TPA

4.14.7 Statuscodes – Tour

Code	Meaning	Description	Sender
GIN	Gate-In		Haulier or Fair@Link
DLY	Delay		Issuer or Haulier oft he TPA

4.14.8 Statuscodes – TPA

Code	Meaning	Description	Sender
ONW	On Way		Issuer or Haulier oft he TPA
DLY	Delay		Issuer or Haulier oft he TPA
SOH	Start Of Handling		TPA Recipient
SOL	Start Of Loading		TPA Recipient
EOH	End Of Handling		TPA Recipient
EOL	End Of Loading		TPA Recipient

4.14.9 Statuscodes - Consignment

Code	Meaning	Description	Sender
DVT	Deviation	Damaged – Goods indicated by AWB or HAWB number arrived at the agent in a damaged condition. Details might be specified in „Remarks“. It is possible to attach a picture of the damage.	Haulier or Recipient of the TPA
STC	Storage Complete	Storage Complete – All goods belonging to the indicated AWB or HAWB number have been received by the agent.	Haulier or Recipient of the TPA
STO	Storage	Storage – The first piece belonging to the indicated AWB or HAWB number has been received by the agent.	Haulier or Recipient of the TPA
SEC	Secured	This message confirms the secured status of the good. Furthermore the security reason is provided. In case of an x-ray scan, an x-ray report can be attached.	Haulier or Recipient of the TPA
BUP	BuildUp Packed	All HAWBs have been physically consolidated A picture of the pallet/ ULD can be attached.	Haulier or Recipient of the TPA

4.15 Status Qualifier

The Status Qualifier is used to specify the process to which certain messages apply. This is especially important for customs status messages since certain status codes (such as “CER”) can be sent for different customs processes.

Code	Meaning
CHTS	Change Of Holder Of Temporary Storage („Change Holder“)
CORD	Change Of Owner Of Right Of Disposal
SPLIT	ATB Split Up
AES	AES Process

4.16 Shipment Type

This property of the Consignment object describes the type of shipment.

Code	Meaning	Description
CONSOL	Consol Shipment	
DIRECT	IATA Direct Shipment	Shipment without any House AWB
CUSTOMER-CONSOL	Customer Consol	Some forwarders use this special value to describe a consol shipment where all of it's House AWB are destined for thr same customer
B2B	Back-To-Back Shipment	One Master AWB containing exactly one House AWB

4.17 RefCodeType (Type of customs reference)

These codes are used within the field RefCodeType within a „CustomsReferences“ element in order to specify the type of reference provided.

The usage of different reference types is needed when splitting up an import shipment, which can be done based on either the ATB or the AWB number.

Code	Bedeutung
REG	Es handelt sich um eine „ATLAS Registriernummer“, z.B. ATB oder MRN Nummer
AWB	Es handelt sich um eine AWB Nummer