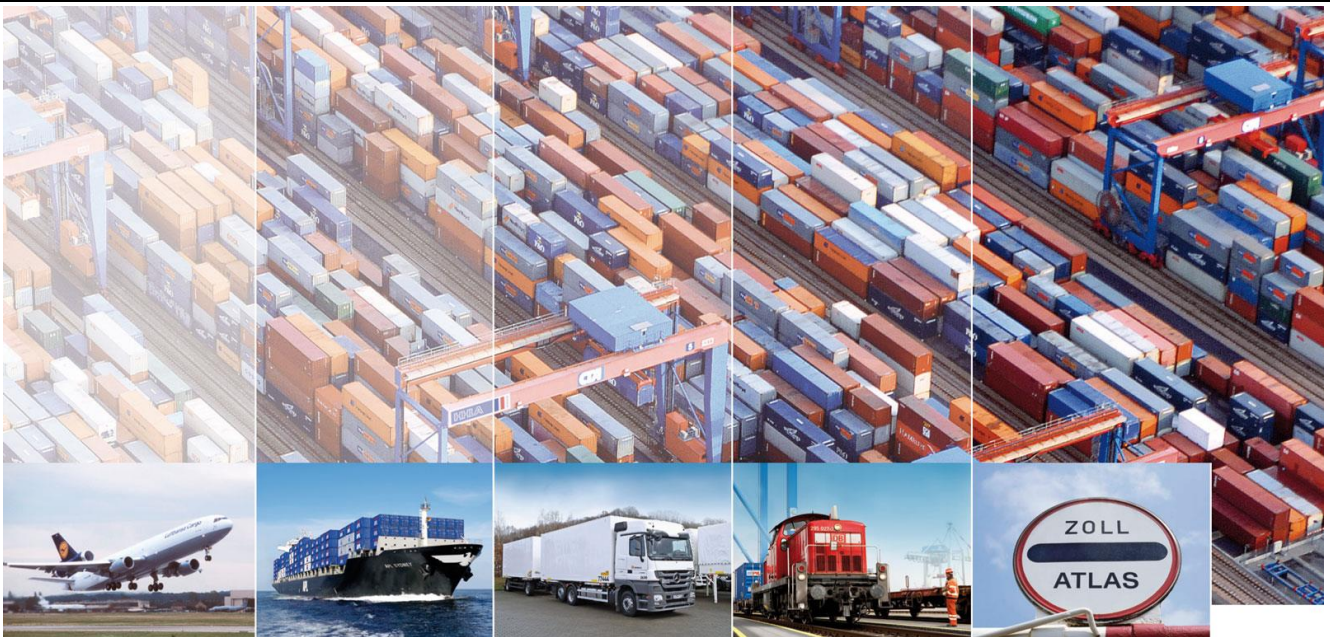




- ICS 2 Interface (XML) - ENS

Version 1.0.17

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Change history

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1.0.0	All	Release version	Malzahn	31.01.2023
1.0.1	Message Structure	Element name „fileContent“ changed to „FileContent“	Malzahn	19.04.2023
1.0.2	Message Structure Official ICS2 documents and Code Lists	Comments in TransportEquipment element regarding code lists. Explanations about Code Lists and message types.	Kunze	01.09.2023
1.0.3	Message Structure	Amendment for XSD version 1.0.5: EnsMessage/ActiveBorderTransportMeans/EstimatedDateAndTimeOfArrival is now optional	Kunze	05.09.2023
1.0.4	Message Structure	Description which places are mandatory for which ENS message types Description improved of what is new in ICS2.	Kunze	11.09.2023
1.0.5	Message Structure	Description for SplitConsignmentIndicator and PreviousMrn corrected. Code lists for GoodsItem-TypeofGoods and ConsignmentHouse-AdditionalFiscalReferences added.	Kunze	15.01.2024
1.0.7	Message Structure and description	Element ConsignmentHouse: sub elements TotalGrossMass and GoodsItem are now optional.	Kunze	13.03.2024
1.0.8	Introduction Message Structure	Graphics for message types Descriptions enhanced. Rules added for transportEquipment sub elements and ETA.	Kunze	18.04.2024
1.0.9	Introduction	Rules regarding amendments added RFI explanations added	Kunze	26.06.2024
1.0.10	Structure	No XSD change but some fields as EstimatedDateAndTimeOfArrival were not displayed in this XML guide in the previous version. Now, the XML guide is in sync with the XSD.	Kunze	25.09.2024
1.0.11	Introduction	EU explanation link about multiple filing added and a new possibility how to add the supplementary declarant for F15.	Kunze	01.10.2024
1.0.12	Introduction and element description	Emphasised that EORI is mandatory for consignee in EU, if company has an EORI.	Kunze	01.11.2024
1.0.13	Introduction and element codes	Link for „Common Operational Guidance“ added! Code lists download description: names listed ModeOfTransportType: unused codes removed TransportDocumentTypeType: unused code removed	Kunze	29.11.2024
1.0.14	Introduction	Usage of elements for ENS messages	Kunze	24.01.2025
1.0.15	Element code	SpecificCircumstanceIndicator: codes for road and rail added	Kunze	04.03.2025
1.0.16	Structure	ConsignmentHouse\PassiveBorderTransportMeans\Nationality is optional now, to support F51 message	Kunze	12.03.2025
1.0.17	Introduction	Correction of F50 in chapter “usage of elements for ENS messages”. SupplementaryDeclarant is not part of F50.	Kunze	26.05.2025

Change requests

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Used tools

Number	Used tools
W1	This document has been created using <i>Microsoft Word</i> .

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2 Introduction

This document describes the XML Message “EntrySummaryDeclaration”, which is used within the ZODIAK ICS2 XML Interface in order to send ENS declarations or amendments to DAKOSY. DAKOSY would then convert the data into the format required by the shared trader interface (STI) and send it there.

Note: Further Information regarding the ICS2 process and its specification can be found at the following site:

https://taxation-customs.ec.europa.eu/customs-4/customs-security/import-control-system-2-ics2-0/ics2-resources_en

3 Data within the Entry Summary Declaration (ENS)

This document describes one of the messages used with ZODIAK ICS2 to send the Entry Summary Declaration or Entry Summary Declaration Amendment to the shared trader interface (STI).

In general, there are two reasons for an amendment of the original ENS filing:

- An issued Request for additional information (RFI) of type AMD requesting the amendment of an ENS filing's particulars or
- Due to a need for amendment identified by the person filing itself. This case will in particular be relevant when data for a given consignment was originally incorrect or changed after the submission of the original ENS filing.

When the amendment was requested by the customs authorities via an RFI, the referral request reference has to be inserted in the respective amendment message. Else, the amendment will not be recognized as an answer to the original request by ICS2.

For more RFI details please see document "ICS2 Pre-arrival referral guidance" available under: https://circabc.europa.eu/ui/group/617eb8f3-5946-4fe5-a01f-42974a83b29c/library/26bd373e-44b7-41bd-9af0-96aec7227f74?p=1&n=10&sort=modified_DESC

There are certain differences between the "original" and the Amendment. These are described in the following sections:

3.1 Differences/Specifics regarding "Original" and Amendment message

- **Update Flag:** When using the XML message EntrySummaryDeclaration (ENS), the element <MessageFunction> must have the value "UPDATE". If the value is "ORIGINAL", ZODIAK ICS2 will reject the message, when a MRN has already been issued.
- **Local Reference Number:** The Local Reference Number (LRN) is a reference assigned by the declarant, which should allow the declarant to link a declaration to data in his own IT system. Since Arrival Notices can be done in different ways while the ENS declaration usually will be done on shipment level, the Local Reference Number of the Arrival Notice will be different from the ones of the Entry Summary Declaration. However, changing the Local Reference of an Entry Summary Declaration with an Amendment is not possible. In addition, the LRN has to be unique per customer, i.e. it is not possible to send the same LRN twice, even for different countries / entry ports.
- **MRN:** When sending an ENS Amendment, the message must contain the MRN assigned by customs to the "original" ENS declaration. I.e. it is not possible to update an ENS declaration before it is confirmed by customs.

3.2 Rules regarding amendments

Amendment of an ENS filing lodged via an update replaces the previous version of the ENS filing. This means, that an amendment must always contain the complete data, not only the information that has been changed.

ENS filings of type F25 shall not be amended, as this filing contains the information (Transport document (Master level)) that has to be unique and cannot be amended.

The following is an excerpt from a document posted on the EU web site:

(<https://circabc.europa.eu/ui/group/ea5f882b-9153-4fc1-9394-54ac8fe9149a/library/2397633f-b133-4c31-9134-eae4facf67a9/details>):

Below tables summarise the data elements, which are non-amendable per ENS filing type. But beforehand the most crucial four rules for sea freight and complete ENS air freight messages:

1. It's ok to remove a house consignment (house BL). For example in message F11.
2. To add a house consignment (house BL) is not allowed. For example in message F11.
3. To add or remove a Goods Item (GID) is not allowed. For example in messages F10/F13 or F11/F12.
4. To change the BL number or House BL number is not allowed. For example in messages F10/F13 or F11/F12.

The data elements which are not allowed to be amended are the following, per ENS filing type.

Data element	ENS filing type						
	F1 0	F1 1	F1 2	F1 3	F1 4	F1 5	F1 6
../Specific circumstance indicator	X	X	X	X	X	X	X
../Addressed Member State					X	X	X
../Representative	X	X	X	X	X	X	X
../Representative / Identification number	X	X	X	X	X	X	X
../Active border transport means / Identity	X	X	X	X			
../Active border transport means / Mode of transport	X	X	X	X	X	X	
../ Active border transport means / Conveyance reference number							
../ Consignment (Master level) / Carrier / Identification number	X	X	X	X			
../ Consignment (Master level) / Consignment (House level) / Carrier / Identification number					X	X	X
../ Consignment (Master level) / Goods item / Goods item number		X	X	X			
../ Consignment (Master level) / Consignment (House level) / Goods item / Goods item number	X	X			X	X	
../Consignment (Master level) / Transport document (Master level) / Document number	X	X	X	X	X	X	
../Consignment (Master level) / Consignment (House level) Transport document (Master level) / Document number							X
../Consignment (Master level) / Consignment (House level) / Transport document (House level) / Document number		X			X	X	X
../Declarant / Identification number	X	X	X	X	X	X	X
../Customs office of first entry / Reference number	X	X	X	X			

The data elements which are not allowed to be amended are the following, per ENS filing type.

Data element	ENS filing type								
	F2 0	F2 1	F2 2	F2 3	F2 4	F2 6	F2 7	F2 8	F2 9
../Specific circumstance indicator	X	X	X	X	X	X	X	X	X
../Addressed Member State			X	X	X	X			
../Representative	X	X	X	X	X	X	X	X	X
../Representative / Identification number	X	X	X	X	X	X	X	X	X
../Active border transport means / Identity	X	X					X	X	X
../Active border transport means / Mode of transport	X	X	X			X	X	X	X
../ Active border transport means / Conveyance reference number	X	X					X	X	X
../ Consignment (Master level) / Carrier / Identification number	X	X					X	X	X
../ Consignment (Master level) / Consignment (House level) / Carrier / Identification number			X		X	X			
../ Consignment (Master level) / Goods item / Goods item number	X	X					X		
../ Consignment (Master level) / Consignment (House level) / Goods item / Goods item number	X		X	X		X	X	X	X
../Consignment (Master level) / Transport document (Master level) / Document number	X	X					X	X	X
../Consignment (Master level) / Consignment (House level) Transport document (Master level) / Document number			X		X	X			
../Consignment (Master level) / Consignment (House level) / Transport document (House level) / Document number	X		X	X	X	X	X		
../Declarant / Identification number	X	X	X	X	X	X	X	X	X
../Customs office of first entry / Reference number	X	X					X	X	X

The data elements which are not allowed to be amended are the following, per ENS filing type.

Data element	ENS filing type												
	F3 0	F3 1	F3 2	F3 3	F3 4	F4 0	F4 1	F4 2	F4 3	F4 4	F4 5	F5 0	F5 1
../Specific circumstance indicator	X	X	X	X	X	X	X	X	X	X	X	X	X
../Addressed Member State			X	X					X	X			
../Representative	X	X	X	X	X	X	X	X	X	X	X	X	X
../Representative / Identification number	X	X	X	X	X	X	X	X	X	X	X	X	X
../Active border transport means / Identity		X			X	X					X	X	
../Active border transport means / Mode of transport	X	X		X	X	X	X	X			X	X	X
../Active border transport means / Conveyance reference number	X	X					X	X					X
../Consignment (Master level) / Carrier / Identification number	X	X			X	X	X	X			X	X	X
../Consignment (Master level) / Consignment (House level) / Carrier / Identification number				X									
../Consignment (Master level) / Goods item / Goods item number		X											
../Consignment (Master level) / Consignment (House level) / Goods item / Goods item number	X	X	X	X	X				X			X	X
../Consignment (Master level) / Transport document (Master level) / Document number		X				X	X	X			X	X	X
../Consignment (Master level) / Consignment (House level) / Transport document (Master level) / Document number				X									
../Consignment (Master level) / Consignment (House level) / Transport document (House level) / Document number	X	X	X	X	X				X			X	
../Declarant / Identification number	X	X	X	X	X	X	X	X	X	X	X	X	X
../Customs office of first entry / Reference number	X	X			X	X	X	X			X	X	X

3.3 Cancellation (Invalidation)

To cancel an ENS filing you simply have to send “CANCELLATION” in the element <MessageFunction>. Only the MRN will be used to find the correct filing and the rest of the message will be ignored. This means you can send the original filing or an empty filing containing only the MRN, the Declarant and the COFE or the addressed member state and ZODIAK ICS2 will determine the filing by using the data provided.

Cancellation of ENS filings are possible until either:

- The goods covered by the ENS filing to be cancelled have been presented to customs, or
- Where the customs office has already notified a control for the goods covered by the ENS filing to be cancelled.

3.4 Filing type identification

As can be seen in the tables above, there are quite a few different messages that can be sent to the STI to apply for an MRN. To determine which message is the best fit, ZODIAK ICS2 needs either the actual type of filing in the element <SpecificCircumstanceIndicator> or a combination of the elements <ProcessPhase> and <DatasetIndicator>. The preferred method is by giving the filing type.

3.5 Filing types and combinations

Our XML interface is applicable for all ENS messages from IE3F10 to IE3F51 and IE3A10 to IE3A44. Below a short description of the possible ICS2 ENS messages for AIR freight and SEA freight. Postal, Rail and Road messages are also possible with our XML interface. For further information about the messages, their uses cases and possible message workflows please also check the official ICS2 Operational Guidance referenced in the chapter below or contact us.

Messages for air freight (ICS2 release 2)

Complete ENS:

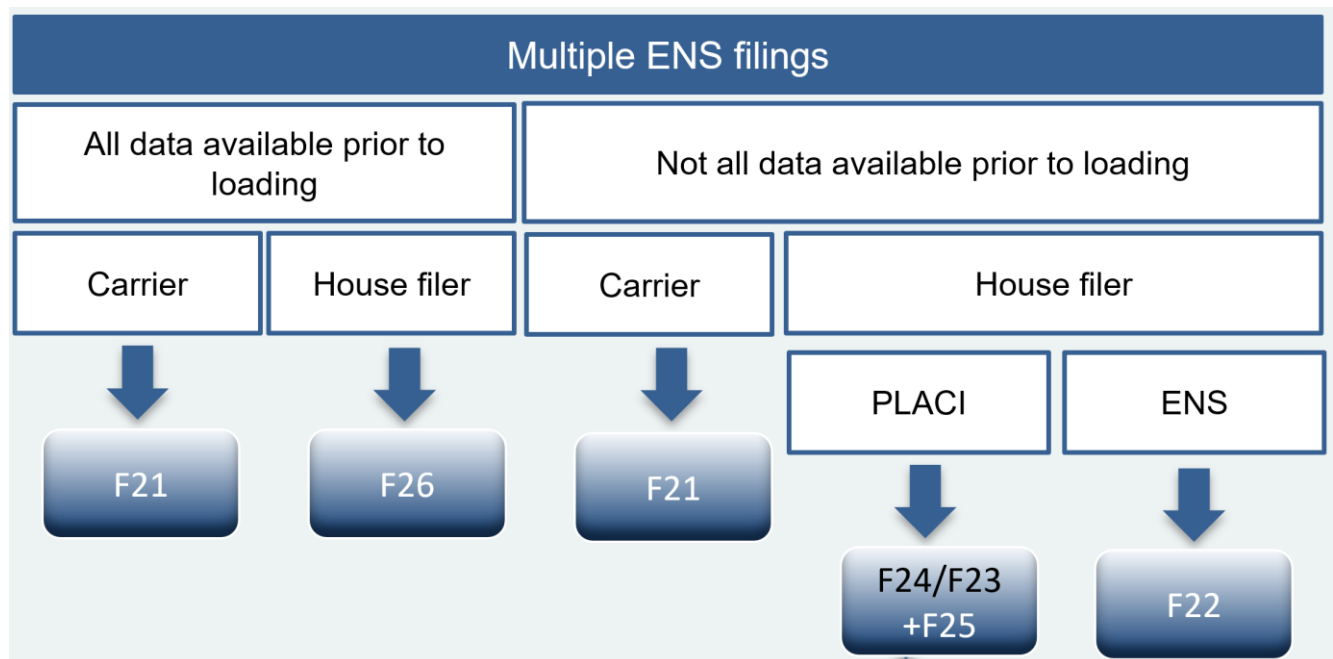
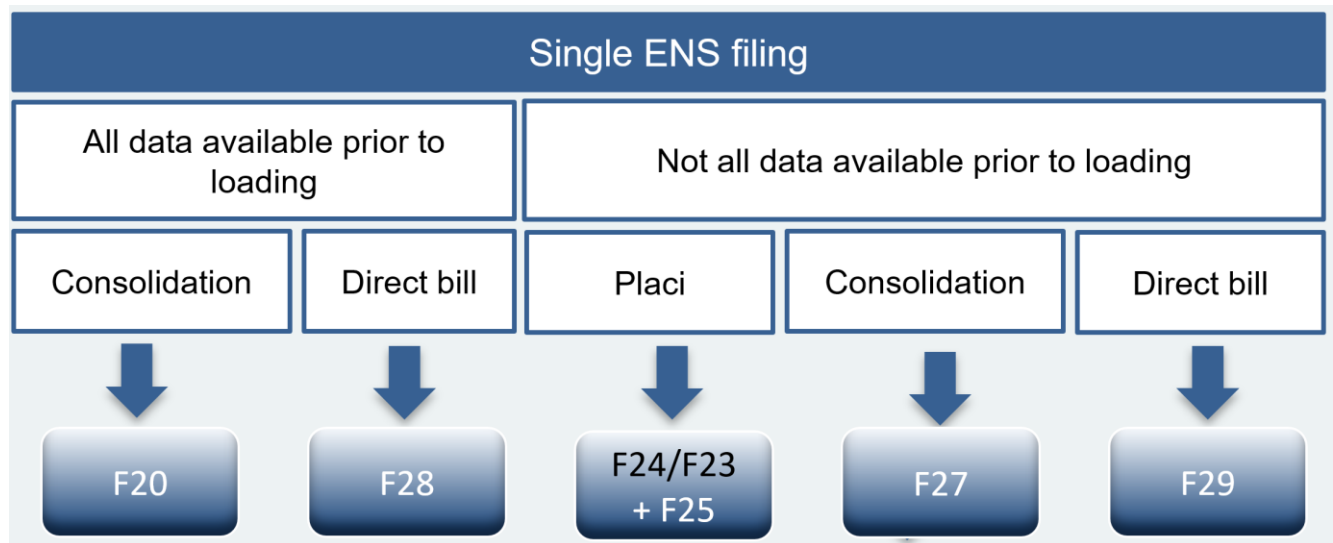
- F20: Complete dataset lodged pre-loading and pre-arrival but no PLACI (Consol)
- F27: Complete dataset lodged pre-arrival (Consol)
- F28: Complete dataset lodged pre-loading and pre-arrival but no PLACI. Direct air waybill (Non-Consol).
- F29: Complete dataset lodged pre-arrival – Direct air waybill (Non-Consol)

Multiple Filing (Partial dataset):

- F21: Master air waybill lodged pre-arrival
- F22: House air waybill lodged pre-arrival
- F23: Minimum dataset lodged pre-loading without master air waybill reference number
- F24: Minimum dataset lodged pre-loading with house and master air waybill reference number
- F25: Master air waybill reference number lodged pre-loading
- F26: pre-loading, containing additional house air waybill information
- F42 – partial master level data set lodged in pre-arrival phase (postal consignments/air mail).

ENS filing combinations for air freight:

Please see graphics below and official EU “ICS2 Operational Guide”.



Messages for sea freight (ICS2 release 3)**Complete ENS:**

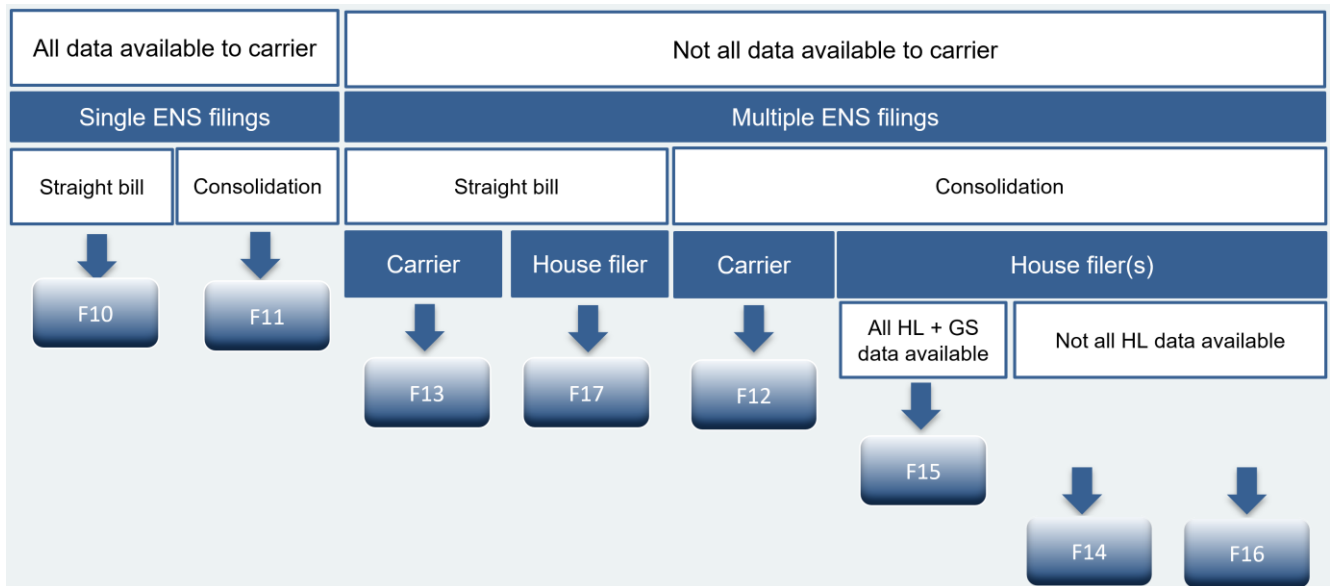
- F10: Is a complete Non-CONSOL ENS (Straight bill of lading).
- F11: Is a complete CONSOL ENS to send one master BL with several underlying house BLs.

Multiple Filing (Partial dataset):

- F12: Is an incomplete CONSOL ENS (Master Bill of Lading). F12 is to send the part of the Master Bill of Lading (Consol) as a carrier without buyer and seller information. Carrier sends no House Level information.
- F13: Is an incomplete Non CONSOL ENS (Straight Bill of Lading). F13 is to send a so called Straight Bill of Lading (Non Consol) as a carrier without buyer and seller information.
- F14: The F14 message is an incomplete ENS (Consol). F14 is to send the part of the House Bill of Lading (Consol) as a house filing party or as a carrier. Without buyer and seller information. F14 can contain several house BLs and you need to send them all in one file.
- F15: Is an incomplete ENS (Consol). F15 is to send the part of the House Bill of Lading (Consol) with information about the consignee, buyer and seller as a house filing party.
- F16: Is an incomplete ENS (Consol). F16 is to send the part of the House Bill of Lading (Consol) with information about the buyer and seller as a house filing party. No cargo data included. In combination with F12 by carrier.
- F17: Is an incomplete ENS (Non Consol). IE3F17 is to send a so called Straight Bill of Lading (Non Consol) with information about the buyer and seller as a house filing party. No cargo data included. In combination with F13 by carrier.

Partial ENS filing combinations for sea freight:

- F12 and F15
- F12, F14 and F16
- F13 and F17



HL = House Level

GS = Goods Shipment which stands for buyer and seller. In some cases House filer can't send buyer and seller, but House level data. So it's separated into F14 (HL cargo data) and F16 (buyer/seller).

The connection between carrier ENS and House filer ENS will be made by STI via the following elements:

Carrier, Transport Document Reference (MAWB/BL number), Supplementary declarant.

Regarding the Supplementary declarant, it needs to be set as follows for sea freight:

- Option 1: F13 + F17 (buyer/seller): F13 contains one supplementary declarant, which will send the F17.
- Option 2: F12 + F15 (HBL cargo data + buyer/seller): F12 contains one supplementary declarant which will send the F15. The F15 of the House Filer can contain also up to 99 supplementary declarants for the Sub-house filer. So F15 can be lodged either by one House Filer (set in F12) or by one House-Filer (set in F12) and several sub-house filers (set in F15).
- Option3: F12 + 14 (HBL cargo data) + F16 (buyer/seller): F12 contains one supplementary declarant which will send the F14. So, F14 can only be sent by one party. But 14 can contain up to 99 supplementary declarants, per house consignment. The F14 contains the supplementary declarant which will send the F16.

3.6 What is new in ICS2

Specific Circumstance Indicator:

The STI uses different messages for each use case. This means you have to send the specific use case you are using in this segment. Those use cases are based on the message names used by the STI (IE3Fxy). For every use case there is a message of name 'F' followed by a specific number in the range of 10 to 52, depending on the mode of transport and the data used.

Container Indicator indicates whether your goods are transported in a container.

Split Consignment Indicator is a new element to indicate that the consignment is a split consignment. The “Split consignment indicator” is a data element part of the ENS filings submitting the master transport information such as F10, F11, F12, F13, F27 etc.. It is a True/False field which is used for the cases when part of the cargo covered by a single ENS cannot be all loaded on the same air plane/vessel as initially planned.

Reentry Indicator is a new element, that will be mandatory in certain use cases. With this segment you indicate whether the goods you are transporting are re-entering the EU.

Transport Document needs to be filled with the Transport document, depending on the use case, you either need to send master or house or both.

Transport Charges - Method Of Payment: Segment will mandatory for most ENS message types. Here you are declaring which method will be used for paying the transport charges.

Active BorderTransport Means element stays virtually the same as described in ICS1, only the “Type of means of Transport” has to be added. Additionally there is now Estimated date and time of Departure (Sea) and Actual date and time of Departure (Air and Sea).

Place of Acceptance:

Definition for Air freight: The place where the goods are accepted for the transportation. UN/LOCODE should be declared. Where UN/LOCODE does not exist, a name of location and a country code is provided.

Definition for Sea freight: Place where the person issuing the bill of lading takes delivery of the goods from the consignor. Similar to the former “Place of B/L issue”.

Place of Delivery is mandatory for the most ENS message types.

HS Code/Commodity Code: It's not new in ICS2 but now it's mandatory for all Non Natural persons. So it's mandatory for all companies. Except for messages F24 and F23, the HS code is an optional field.

Description of goods: It's not new in ICS2 but now it's mandatory.

Transport Equipment – Container Packed Status: for sea freight to indicate if a container is full or empty.

New parties in ICS2

Looking at involved parties, there have been some minor changes. There is the newly added declarant. The declarant is the party which is responsible for the ENS filing. Usually it's the carrier or the house filer.

Buyer and seller will be mandatory in message types F16/F17. In messages F10/F11/F15 they are mandatory, if the goods transported are destined for Europe. In other message types they are not used:

- The definition of buyer: "The buyer is the last known entity to whom the goods are sold or agreed to be sold. If the goods are to be imported otherwise than in pursuance of a purchase, the details of the owner of the goods shall be provided."
- The definition of seller: "The seller is the last known entity by whom the goods are sold or agreed to be sold to the buyer. If the goods are to be imported otherwise than in pursuance of a purchase, the details of the owner of the goods shall be provided."

The supplementary declarant for multiple filing is mandatory in message of type F12, F21. In messages F13/14 it is mandatory if the goods are destined for Europe. In F15, F22, F26 it is optional.

If you have to set the party address you now have to give either the street and number or a p.o.box.

EORI numbers are required or at least strongly recommended for most parties. Especially for consignee. EORI is mandatory for consignee in EU, if company has an EORI.

Furthermore, the type of person (natural/legal/association) is a new field of parties like consignee, consignor, notify party, buyer, seller.

When sending amendments upon an RFI, further segments might become mandatory depending on the information requested by customs.

4 Official ICS2 documents and Code Lists

The information and documents linked below are outside the control of DAKOSY and subject to change, therefor the given links might not work or the versions mentioned might be replaced with newer versions.

ICS2: Common Operational Guidance for all transport modes:

<https://circabc.europa.eu/ui/group/18fb5859-3970-4ac5-b30b-6604977a15a7/library/16e29912-d290-417e-a45c-b286407e1770>

Further Information regarding the ICS2 process and its specification can be found at the following site:

https://taxation-customs.ec.europa.eu/customs-4/customs-security/import-control-system-2-ics2-0/ics2-resources_en

Official ICS2 documents can be found here:

Release 2 (air): <https://circabc.europa.eu/ui/group/ea5f882b-9153-4fc1-9394-54ac8fe9149a/library/899651cf-76bc-493a-9230-a56bad6e8c43>

Release 3 (maritime, rail, road): <https://circabc.europa.eu/ui/group/617eb8f3-5946-4fe5-a01f-42974a83b29c/library/56f96b30-cfbf-4d8c-b1f9-ccd63de7f63b>

A document about the multiple filing process can be found here:

<https://op.europa.eu/en/publication-detail/-/publication/f0c54ba3-4e1b-11ef-acbc-01aa75ed71a1/language-en>

Rules and Conditions (R&C) can be found here:

https://circabc.europa.eu/ui/group/617eb8f3-5946-4fe5-a01f-42974a83b29c/library/48876c6e-bd24-47b8-b88e-a92ef6e74340?p=1&n=10&sort=modified_DESC

Choose the newest version:

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☐	Name	Title	Last modification ↓
☐	ICS2-HTI-v2.02.zip ICS2-HTI-v2.02.zip		2023 02 06, 11:57
☐	ICS2-HTI-v2.01.zip ICS2-HTI-v2.01.zip		2022 03 11, 17:51
☐	ICS2-HTI-v1.30.zip ICS2-HTI-v1.30.zip		2021 09 30, 15:07
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Open ZIP file and choose the selected file:

Name	
	5. ICS2-HTI-IE-(2022-05-04)-v2.02
	4. ICS2-HTI-BPML4-(2021-07-30)-v2.00
	3. ICS2-HTI-BPML3.5-(2021-07-30)-v2.00
	1. ICS2-HTI-Main-(2022-05-23)-v2.02.docx
	7. ICS2-HTI-CL-(2022-05-23)-v2.01.docx
	6. ICS2-HTI-R&C-(2022-05-23)-v2.01.docx
	2. ICS2-HTI-Definitions-(2020-03-16)-v1.11.docx

Code List downloads (CS/RD2) are located here (Domain ICS2):

https://ec.europa.eu/taxation_customs/dds2/rd/rd_download_home.jsp?Lang=en

	Domain	Code Lists
Reference data	ICS2	AdditionalFiscalReferenc

Below a table of ICS2 code list and the name of the code list. The name of the code list must be selected in download link above.

CL756	AdditionalFiscalReferencesRole
CL701	AdditionalInformationCodeDeclaration
CL752	AdditionalInformationCodeSubset
CL703	AdditionalInformationType
CL704	AdditionalSupplyChainActorRoleCode
CL707	CommunicationMeansType
CL708	ContainerIndicator
CL709	ContainerPackedStatus
CL710	ContainerSizeAndTypeIdentification
CL711	ContainerSupplierTypeCode
CL717	CountryCodeICS2MS
CL352	Currency
CL141	CustomsOffice
CL013	DocumentTypeCommon
CL027	Flag
CL724	HRCM Screening Method
CL726	HRCM Screening Result (Subset)
CL718	ICS2CountryCode
CL723	FunctionalErrorCodes
CL742	ICS2SpecificCircumstanceIndicator
CL017	KindOfPackages
CL729	PartyIdentifierType
CL733	PostcodeAvailability
CL732	PostcodeDataLevel
CL734	ProcedureIdentifier
CL735	ReferralRequestType
CL094	RepresentativeStatusCode
CL744	StateSubset
CL745	SupplementaryFilingType
CL748	TraderIntefaceIdentifier
CL116	TransportChargesMethodOfPayment
CL754	TransportDocumentType
CL018	TransportMode
CL750	TypeOfIdentificationOfMeansOfTransport
CL751	TypeOfMeansOfTransport
CL749	TypeOfGoods
CL101	UnDangerousGoodsCode
CL244	UnLocodeExtended

5 Usage of elements for ENS messages

M = Mandatory

O = Optional

D = Depends on other attributes

Seafreight

XML element	F1 0	F1 1	F1 2	F1 3	F1 4	F1 5	F1 6	F1 7	F4 5
LRN	D	D	D	D	D	D	D	D	D
DocumentIssueDate	M	M	M	M	M	M	M	M	M
ReferralRequestReference	O	O	O	O	O	O	O	O	O
MRN	D	D	D	D	D	D	D	D	D
MessageFunction	M	M	M	M	M	M	M	M	M
SpecificCircumstanceIndicator	M	M	M	M	M	M	M	M	M
ReentryIndicator	M	M	M	M					M
AddressedMemberState					M	M	M	M	
SplitConsignment	O	O	O	O					O
Representative	O	O	O	O	O	O	O	O	O
../Name	M	M	M	M	M	M	M	M	M
../IdentificationNumber	M	M	M	M	M	M	M	M	M
../Status	M	M	M	M	M	M	M	O	M
../Address	M	M	M	M	M	M	M	M	M
../Communication	M	M	M	M	M	M	M	M	M
ActiveBorderTransportMeans	M	M	M	M	M	M			M
../IdentificationNumber	M	M	M	M					M
../TypeOfIdentification	M	M	M	M					M
../TypeOfMeansOfTransport	M	M	M	M					M
../Nationality	M	M	M	M					M
../ModeOfTransport	M	M	M	M	M	M			M
../ActualDateAndTimeOfDeparture	D	D	D	D					D
../EstimatedDateAndTimeOfDeparture	D	D	D	D					D
../EstimatedDateAndTimeOfArrival	M	M	M	M					M
../CountriesOfRoutingOfMeansOfTransport	M	M	M	M					M
ConsignmentMaster	M	M	M	M	O	O			M
../ContainerIndicator		M	M						M
../ReceptacleIdentificationNumber									M
../TotalGrossMass		M	M						
../PlaceOfAcceptance		M	M						
../SupportingDocuments		O	O						O
../AdditionalInformation		O	O		O	O			
../AdditionalSupplyChainActor		O	O						O
../Carrier	M	M	M	M					M
../..Name	M	M	M	M					M

XML element	F1 0	F1 1	F1 2	F1 3	F1 4	F1 5	F1 6	F1 7	F4 5
../IdentificationNumber	M	M	M	M					M
../Address	M	M	M	M					M
../Communication	O	O	O	O					O
../Consignee		O	O						M
../Consignor		M	M						M
../GoodsItem		M	M						
../GoodsItemNumber		M	M						
../SupportingDocuments		O	O						
../AdditionalInformation		O	O						
../AdditionalSupplyChainActor		O	O						
../DescriptionOfGoods		M	M						
../CUSCode		O	O						
../HarmonizedSystemSubheadingCode		D	D						
../CombinedNomenclatureCode		O	O						
../DangerousGoodsUNNumber		O	O						
../GrossMass		M	M						
../Packaging		M	M						
../ShippingMarks		D	D						
../NumberOfPackages		D	D						
../TypeOfPackages		M	M						
../TransportEquipment		D	D						
../TransportChargesMethodOfPayment		M	M						
../PlaceOfDelivery		M	M						
../PlaceOfLoading	M	M	M	M					M
../PassiveBorderTransportMeans									O
../NotifyParty		O	O						
../SupplementaryDeclarant			M						
../TransportDocument	M	M	M	M					M
../TransportEquipment		D	D						D
../ReferenceNumberUCR		O	O						O
../PlaceOfUnloading	M	M	M	M					M
ConsignmentHouse	M	M		M	M	M	M	M	
../ContainerIndicator	M	M		M	M	M			
../TotalGrossMass	M	M		M	M	M			
../PlaceOfAcceptance	M	M		M	M	M			
../SupportingDocuments	O	O		O	O	O	O	O	
../AdditionalInformation	O	O		O	O	O	O	O	
../AdditionalSupplyChainActor	O	O		O	O	O	O	O	
../Carrier					M	M	M	M	
../IdentificationNumber					M	M	M	M	
../Consignee	O	D		O	D	D			
../GoodsItem	M	M		M	M	M			
../GoodsItemNumber	M	M		M	M	M			
../SupportingDocuments	O	O		O	O	O			
../AdditionalInformation	O	O		O	O	O			
../AdditionalSupplyChainActor	O	O		O	O	O			

XML element	F1 0	F1 1	F1 2	F1 3	F1 4	F1 5	F1 6	F1 7	F4 5
../DescriptionOfGoods	M	M		M	M	M			
../CUSCode	O	O		O	O	O			
../HarmonizedSystemSubheadingCode	D	D		D	D	D			
../CombinedNomenclatureCode	O	O		O	O	O			
../DangerousGoodsUNNumber	O	O		O	O	O			
../GrossMass	M	M		O	M	M			
../Packaging	M	M		M	M	M			
.././ShippingMarks	D	D							
.././NumberOfPackages	D	D							
.././TypeOfPackages	M	M							
../TransportEquipment	D	D		D	D	D			
./Consignor	M	M		M	M	M			
./TransportChargesMethodOfPayment	M	M		M	M	M			
./PlaceOfDelivery	M	M		M	M	M			
./CountriesOfRoutingOfConsignment		M			M	M			
./NotifyParty	O	D		O	D	D			
./Buyer	D	D				D	M	M	
./Seller	D	D				D	M	M	
./SupplementaryDeclarant				O	O	O			
./PassiveBorderTransportMeans	O	O			O	O			
./TransportDocumentHouse		M			M	M	M		
./TransportDocumentMaster					M	M	M	M	
./TransportEquipment	D	D		D	D	D			
./ReferenceNumberUCR	O	O		O	O	O	O	O	
Declarant	M	M	M	M	M	M	M	M	M
./Communication	M	M	M	M	M	M	M	M	M
CustomsOfficeOfFirstEntry	M	M	M	M					M

Airfreight

XML element	F2 0	F2 1	F2 2	F2 3	F2 4	F2 5	F2 6	F2 7	F2 8	F2 9	F4 2
LRN	D	D	D	D	D	D	D	D	D	D	D
DocumentIssueDate	M	M	M	M	M	M	M	M	M	M	M
ReferralRequestReference	O	O	O	O	O		O	O	O	O	O
MRN	D	D	D	D	D		D	D	D	D	D
PreviousDocumentIdentification						M					
MessageFunction	M	M	M	M	M	M	M	M	M	M	M
SpecificCircumstanceIndicator	M	M	M	M	M	M	M	M	M	M	M
ReentryIndicator	M	M						M	M	M	M
AddressedMemberState			M	M	M	M	M				
SplitConsignment	O	O						O	O	O	O
Representative	O	O	O	O	O	O	O	O	O	O	O
../Name	M	M	M	M	M	M	M	M	M	M	M

XML element	F2 0	F2 1	F2 2	F2 3	F2 4	F2 5	F2 6	F2 7	F2 8	F2 9	F4 2
../IdentificationNumber	M	M	M	M	M	M	M	M	M	M	M
../Status	M	M	M	M	M	M	M	M	M	M	M
../Address	M	M	M	M	M	M	M	M	M	M	M
../Communication	M	M	M	M	M	M	M	M	M	M	M
ActiveBorderTransportMeans	M	M	M				M	M	M	M	M
../IdentificationNumber	D	D						D	D	D	
../TypeOfIdentification	D	D						D	D	D	
../ModeOfTransport	M	M	M				M	M	M	M	M
../ActualDateAndTimeOfDeparture		M						M		M	D
../EstimatedDateAndTimeOfDeparture	M								M		D
../EstimatedDateAndTimeOfArrival	M	M						M	M	M	M
../ConveyanceReferenceNumber	D	D						D	D	D	M
../CountriesOfRoutingOfMeansOfTransport	M	M						M	M	M	M
ConsignmentMaster	M	M						M	M	M	M
../ContainerIndicator	M	M						M			
../ReceptacleIdentificationNumber											M
../TotalGrossMass	M	M						M			
../PlaceOfAcceptance	M	M						M			
../SupportingDocuments	O	O						O			O
../AdditionalInformation	O	O						O			
../AdditionalSupplyChainActor	O	O						O			O
../Carrier	M	M						M	M	M	M
../Name	M	M						M	M	M	M
../IdentificationNumber	M	M						M	M	M	M
../Address	M	M						M	M	M	M
../Communication	O	O						O	O	O	O
../Consignee	M	M						M			M
../Consignor	M	M						M			M
../GoodsItem	M	M						M			
../GoodsItemNumber	M	M						M			
../SupportingDocuments	O	O						O			
../AdditionalInformation	O	O						O			
../AdditionalSupplyChainActor	O	O						O			
../DescriptionOfGoods	M	M						M			
../CUSCode	O	O						O			
../HarmonizedSystemSubheading Code	D	D						D			

XML element	F2 0	F2 1	F2 2	F2 3	F2 4	F2 5	F2 6	F2 7	F2 8	F2 9	F4 2
../CombinedNomenclatureCode	O	O						O			
../DangerousGoodsUNNumber	O	O						O			
../CountryOfOrigin											
../GrossMass	M	M						M			
../Packaging	M	M						M			
../ShippingMarks	D	D						D			
../NumberOfPackages	D	D						D			
../TypeOfPackages	M	M						M			
../TransportEquipment	D	D						D			
../ContainerIdentificationNumber	M	M						M			
../TransportChargesMethodOfPayment	M	M						M			
../PlaceOfDelivery	M	M						M			
../PlaceOfLoading	M	M						M	M	M	M
../NotifyParty	O	O						O			
../SupplementaryDeclarant		M									
../TransportDocument	M	M						M	M	M	M
../TransportEquipment	D	D						D			
../ContainerIdentificationNumber	M	M						M			
../ReferenceNumberUCR	O	O						O			O
../PlaceOfUnloading	M	M						M	M	M	M
ConsignmentHouse	M		M	M	M	M	M	M	M	M	
../ContainerIndicator	M		M					M	M	M	
../TotalGrossMass	M		M	M	M		M	M	M	M	
../PlaceOfAcceptance	M		M				M	M	M	M	
../SupportingDocuments	O		O				O	O	O	O	
../AdditionalInformation	O		O	O	O	O	O	O	O	O	
../AdditionalSupplyChainActor	O		O	O	O		O	O	O	O	
../Carrier			M			M	M				
../IdentificationNumber			M			M	M				
../Consignee	M		M	M	M		M	M	M	M	
../GoodsItem	M		M	M	M		M	M	M	M	
../GoodsItemNumber	M		M	M	M		M	M	M	M	
../SupportingDocuments	O		O				O	O	O	O	
../AdditionalInformation	O		O	O	O		O	O	O	O	
../AdditionalSupplyChainActor	O		O	O	O		O	O	O	O	
../DescriptionOfGoods	M		M	M	M		M	M	M	M	
../CUSCode	O		O				O	O	O	O	
../HarmonizedSystemSubheadingCode	D		D	O	O		D	D	D	D	

XML element	F2 0	F2 1	F2 2	F2 3	F2 4	F2 5	F2 6	F2 7	F2 8	F2 9	F4 2
../CombinedNomenclatureCode	O		O				O	O	O	O	
../DangerousGoodsUNNumber	O		O				O	O	O	O	
../CountryOfOrigin											
../GrossMass	M		M	O	O		M	M	M	M	
../Packaging	M		M	M	M		M	M	M	M	
../ShippingMarks	D		D				D	D	D	D	
../NumberOfPackages	D		D	M	M		D	D	D	D	
../TypeOfPackages	M		M				M	M	M	M	
../TransportEquipment	D		D				D	D	D	D	
../ContainerIdentificationNumber	M		M				M	M	M	M	
../Consignor	M		M	M	M		M	M	M	M	
../PostalCharges											
../PostalChargesCurrency											
../TransportChargesMethodOfPayment	M		M				M	M	M	M	
../PlaceOfDelivery	M		M				M	M	M	M	
../CountriesOfRoutingOfConsignment	M		M				M	M			
../NotifyParty	O		O				O	O	O	O	
../SupplementaryDeclarant			O				O				
../TransportDocumentHouse	M		M	M	M	M	M	M	M	M	
../TransportDocumentMaster			M			M	M				
../TransportEquipment	D		D				D	D	D	D	
../ContainerIdentificationNumber	M		M				M	M	M	M	
../ReferenceNumberUCR	O		O				O	O	O	O	
Declarant	M	M	M	M	M	M	M	M	M	M	M
../Communication	M	M	M	M	M	M	M	M	M	M	M
CustomsOfficeOfFirstEntry	M	M						M	M	M	M
HRCMScreeningResults	O			O	O		O		O		

Express

XML element	F30	F31	F32	F33	F34
LRN	D	D	D	D	D
DocumentIssueDate	M	M	M	M	M
ReferralRequestReference	O	O	O	O	O
MRN	D	D	D	D	D
MessageFunction	M	M	M	M	M
SpecificCircumstanceIndicator	M	M	M	M	M
ReentryIndicator	M	M			M
AddressedMemberState			M	M	
SplitConsignment	O	O			O

XML element	F30	F31	F32	F33	F34
Representative	O	O	O	O	O
../Name	M	M	M	M	M
../IdentificationNumber	M	M	M	M	M
../Status	M	M	M	M	M
../Address	M	M	M	M	M
../Communication	M	M	M	M	M
ActiveBorderTransportMeans	M	M		M	M
../IdentificationNumber		D			M
../TypeOfIdentification		D			M
../TypeOfMeansOfTransport					M
../Nationality					M
../ModeOfTransport	M	M		M	M
../ActualDateAndTimeOfDeparture	M	M			D
../EstimatedDateAndTimeOfDeparture					D
../EstimatedDateAndTimeOfArrival	M	M			O
../ConveyanceReferenceNumber	M	D			
../CountriesOfRoutingOfMeansOfTransport	M	M			M
ConsignmentMaster	M	M			M
../ContainerIndicator		M			
../TotalGrossMass		M			
../PlaceOfAcceptance		M			M
../SupportingDocuments		O			O
../AdditionalInformation		O			
../AdditionalSupplyChainActor	O	O			O
../Carrier	M	M			M
.././Name	M	M			M
.././IdentificationNumber	M	M			M
.././Address	M	M			M
.././Communication	O	O			O
../Consignee		M			
../Consignor		M			
../GoodsItem		M			
.././GoodsItemNumber		M			
.././SupportingDocuments		O			
.././AdditionalInformation		O			
.././AdditionalSupplyChainActor		O			
.././DescriptionOfGoods		M			
.././CUSCode		O			
.././HarmonizedSystemSubheadingCode		D			
.././CombinedNomenclatureCode		O			
.././DangerousGoodsUNNumber		O			
.././GrossMass		M			
.././Packaging		M			
../././ShippingMarks		D			
../././NumberOfPackages		D			
../././TypeOfPackages		M			
.././TransportEquipment		D			
../././ContainerIdentificationNumber		M			

XML element	F30	F31	F32	F33	F34
../TransportChargesMethodOfPayment		M			
../PlaceOfDelivery		M			M
../PlaceOfLoading	M	M			M
../NotifyParty		O			
../TransportDocument		M			
../TransportEquipment		D			
../ReferenceNumberUCR	O	O			
../PlaceOfUnloading	M	M			M
ConsignmentHouse	M	M	M	M	M
../ContainerIndicator		M		M	M
../TotalAmountInvoiced			D		
../TotalAmountInvoicedCurrency			D		
../AdditionsAndDeductions			D		
../AdditionsAndDeductionsCurrency			D		
../AdditionalFiscalReferences			O		
../TotalGrossMass	M	M	M	M	M
../PlaceOfAcceptance		M		M	M
../SupportingDocuments	O	O	O	O	O
../AdditionalInformation	O	O	O	O	O
../AdditionalSupplyChainActor	O	O	O	O	O
../Carrier				M	
../..IdentificationNumber				M	
../Consignee	M	M	M	M	M
../GoodsItem	M	M	M	M	M
../..ItemAmountInvoiced			O		
../..ItemAmountInvoicedCurrency			O		
../..GoodsItemNumber	M	M	M	M	M
../..TypeOfGoods			D		
../..SupportingDocuments	O	O	O	O	O
../..AdditionalInformation	O	O	O	O	O
../..AdditionalSupplyChainActor	O	O	O	O	O
../..DescriptionOfGoods	M	M	M	M	M
../..CUSCode	O	O		O	O
../..HarmonizedSystemSubheadingCode	D	D	D	D	D
../..CombinedNomenclatureCode	O	O	O	O	O
../..DangerousGoodsUNNumber	O	O		O	O
../..GrossMass	M	M	O	M	M
../..Packaging	M	M	M	M	M
../...ShippingMarks		D		D	D
../...NumberOfPackages	M	D	M	D	D
../...TypeOfPackages		M		M	M
../...TransportEquipment		D		D	
../...ContainerIdentificationNumber		M		M	
../Consignor	M	M	M	M	M
../TransportChargesMethodOfPayment	M	M		M	M
../PlaceOfDelivery		M		M	M
../CountriesOfRoutingOfConsignment	M	M		M	M
../NotifyParty		O		O	

XML element	F30	F31	F32	F33	F34
../SupplementaryDeclarant				O	
../PassiveBorderTransportMeans					O
../TransportDocumentHouse	M	M	M	M	M
../TransportDocumentMaster				M	
../TransportEquipment		D		D	D
.././ContainerSizeAndType					M
.././ContainerPackedStatus					M
.././ContainerSupplierType					M
.././ContainerIdentificationNumber		M		M	M
../ReferenceNumberUCR	M	M	M	M	M
Declarant	M	M	M	M	M
../Communication	M	M	M	M	M
CustomsOfficeOfFirstEntry	M	M			M
HRCMScreeningResults			O		

Road

XML element	F50	F40
LRN	D	D
DocumentIssueDate	M	M
ReferralRequestReference	O	O
MRN	D	D
MessageFunction	M	M
SpecificCircumstanceIndicator	M	M
ReentryIndicator	M	M
Representative	O	O
../Name	M	M
../IdentificationNumber	M	M
../Status	M	M
../Address	M	M
../Communication	M	M
ActiveBorderTransportMeans	M	M
../IdentificationNumber	M	M
../TypeOfIdentification	M	M
../TypeOfMeansOfTransport	M	M
../Nationality	M	M
../ModeOfTransport	M	M
../ActualDateAndTimeOfDeparture	D	D
../EstimatedDateAndTimeOfDeparture	D	D
../EstimatedDateAndTimeOfArrival	M	M
../CountriesOfRoutingOfMeansOfTransport	M	M
ConsignmentMaster	M	M
../ContainerIndicator	M	M
../ReceptacleIdentificationNumber		M
../PlaceOfAcceptance	M	
../SupportingDocuments	O	O
../AdditionalSupplyChainActor	O	O

XML element	F50	F40
../Carrier	M	M
../Name	M	M
../IdentificationNumber	M	M
../Address	M	M
../Communication	O	O
../Consignee	M	M
../Consignor	M	M
../TransportChargesMethodOfPayment	M	
../PlaceOfDelivery	M	
../PlaceOfLoading	M	M
../PassiveBorderTransportMeans	O	O
../IdentificationNumber	M	M
../TypeOfIdentification	M	M
../TypeOfMeansOfTransport	M	M
../Nationality	M	M
../TransportDocument	M	M
../TransportEquipment		D
../ContainerIdentificationNumber		M
../NumberOfSeals		O
../Seal		D
../ReferenceNumberUCR	O	O
../PlaceOfUnloading	M	M
ConsignmentHouse	M	
../ContainerIndicator	M	
../TotalGrossMass	M	
../PlaceOfAcceptance	M	
../SupportingDocuments	O	
../AdditionalInformation	O	
../AdditionalSupplyChainActor	O	
../GoodsItem	M	
../GoodsItemNumber	M	
../SupportingDocuments	O	
../AdditionalInformation	O	
../AdditionalSupplyChainActor	O	
../DescriptionOfGoods	M	
../CUSCode	O	
../HarmonizedSystemSubheadingCode	D	
../CombinedNomenclatureCode	O	
../DangerousGoodsUNNumber	O	
../GrossMass	M	
../Packaging	M	
../ShippingMarks	D	
../NumberOfPackages	D	
../TypeOfPackages	M	
../PassiveBorderTransportMeans	O	
../IdentificationNumber	M	
../TypeOfIdentification	M	
../TypeOfMeansOfTransport	M	

XML element	F50	F40
../../../../Nationality	M	
../../../../TransportEquipment	D	
../../../../ContainerSizeAndType	M	
../../../../ContainerPackedStatus	M	
../../../../ContainerSupplierType	M	
../../../../ContainerIdentificationNumber	M	
../../../../NumberOfSeals	O	
../../../../Seal	D	
../TransportChargesMethodOfPayment	M	
../PlaceOfDelivery	M	
../CountriesOfRoutingOfConsignment	M	
../Buyer	D	
../Seller	D	
../PassiveBorderTransportMeans	O	
../../../../IdentificationNumber	M	
../../../../TypeOfIdentification	M	
../../../../TypeOfMeansOfTransport	M	
../../../../Nationality	M	
../TransportDocumentHouse	M	
../TransportEquipment	D	
../../../../ContainerSizeAndType	M	
../../../../ContainerPackedStatus	M	
../../../../ContainerSupplierType	M	
../../../../ContainerIdentificationNumber	M	
../../../../NumberOfSeals	O	
../../../../Seal	D	
../ReferenceNumberUCR	O	
Declarant	M	M
../Communication	M	M
CustomsOfficeOfFirstEntry	M	M

Rail

XML element	F51	F41
LRN	D	D
DocumentIssueDate	M	M
ReferralRequestReference	O	O
MRN	D	D
MessageFunction	M	M
SpecificCircumstanceIndicator	M	M
ReentryIndicator	M	M
Representative	O	O
../Name	M	M
../IdentificationNumber	M	M
../Status	M	M
../Address	M	M
../Communication	M	M
ActiveBorderTransportMeans	M	M

XML element	F51	F41
../TypeOfMeansOfTransport	M	M
../ModeOfTransport	M	M
../ActualDateAndTimeOfDeparture	D	D
../EstimatedDateAndTimeOfDeparture	D	D
../EstimatedDateAndTimeOfArrival	M	M
../ConveyanceReferenceNumber	M	M
../CountriesOfRoutingOfMeansOfTransport	M	M
ConsignmentMaster	M	M
../ContainerIndicator	M	M
../ReceptacleIdentificationNumber		M
../PlaceOfAcceptance	M	
../SupportingDocuments	O	O
../AdditionalSupplyChainActor	O	O
../Carrier	M	M
../Name	M	M
../IdentificationNumber	M	M
../Address	M	M
../Communication	O	O
../Consignee	M	M
../Consignor	M	M
../TransportChargesMethodOfPayment	M	
../PlaceOfDelivery	M	
../PlaceOfLoading	M	M
../PassiveBorderTransportMeans		O
../IdentificationNumber		M
../TypeOfIdentification		M
../TypeOfMeansOfTransport		M
../TransportDocument	M	M
../TransportEquipment		D
../ContainerIdentificationNumber		M
../NumberOfSeals		O
../Seal		D
../ReferenceNumberUCR	O	O
../PlaceOfUnloading	M	M
ConsignmentHouse	M	
../ContainerIndicator	M	
../TotalGrossMass	M	
../PlaceOfAcceptance	M	
../SupportingDocuments	O	
../AdditionalInformation	O	
../AdditionalSupplyChainActor	O	
../GoodsItem	M	
../GoodsItemNumber	M	
../SupportingDocuments	O	
../AdditionalInformation	O	
../AdditionalSupplyChainActor	O	
../DescriptionOfGoods	M	
../CUSCode	O	

XML element	F51	F41
../HarmonizedSystemSubheadingCode	D	
../CombinedNomenclatureCode	O	
../DangerousGoodsUNNumber	O	
../GrossMass	M	
../Packaging	M	
../..../ShippingMarks	D	
../..../NumberOfPackages	D	
../..../TypeOfPackages	M	
../PassiveBorderTransportMeans	D	
../..../IdentificationNumber	M	
../..../TypeOfIdentification	M	
../..../TypeOfMeansOfTransport	M	
../TransportEquipment	D	
../..../ContainerSizeAndType	M	
../..../ContainerPackedStatus	M	
../..../ContainerSupplierType	M	
../..../ContainerIdentificationNumber	M	
../..../NumberOfSeals	O	
../..../Seal	D	
../TransportChargesMethodOfPayment	M	
../PlaceOfDelivery	M	
../CountriesOfRoutingOfConsignment	O	
../Buyer	D	
../Seller	D	
../PassiveBorderTransportMeans	D	
../..../IdentificationNumber	M	
../..../TypeOfIdentification	M	
../..../TypeOfMeansOfTransport	M	
../TransportEquipment	D	
../..../ContainerSizeAndType	M	
../..../ContainerPackedStatus	M	
../..../ContainerSupplierType	M	
../..../ContainerIdentificationNumber	M	
../..../NumberOfSeals	O	
../..../Seal	D	
../ReferenceNumberUCR	O	
Declarant	M	M
../Communication	M	M
CustomsOfficeOfFirstEntry	M	M

Postal

XML element	F43	F44
LRN	D	D
DocumentIssueDate	M	M
ReferralRequestReference	O	O
MRN	D	D
MessageFunction	M	M

XML element	F43	F44
SpecificCircumstanceIndicator	M	M
AddressedMemberState	M	M
Representative	O	O
../Name	M	M
../IdentificationNumber	M	M
../Status	M	M
../Address	M	M
../Communication	M	M
ConsignmentHouse	M	M
../ReceptacleIdentificationNumber		M
../AdditionalFiscanReferences	O	
../TotalGrossMass	M	
../SupportingDocuments	O	
../AdditionalInformation	O	O
../AdditionalSupplyChainActor	O	
../Consignee	M	
../GoodsItem	M	
../..GoodsItemNumber	M	
../..PostalValue	D	
../..PostalValueCurrency	D	
../..TypeOfGoods	D	
../..DescriptionOfGoods	M	
../..CUSCode	O	
../..HarmonizedSystemSubheadingCode	D	
../..CombinedNomenclatureCode	O	
../..CountryOfOrigin	O	
../..GrossMass	O	
../..Packaging	M	
../..../NumberOfPackages	M	
../Consignor	M	
../PostalCharges	D	
../PostalChargesCurrency	D	
../TransportDocumentHouse	M	M
../ReferenceNumberUCR	O	
Declarant	M	
../Communication	M	

6 Message Structure

Structure

Occurrence	Element/Attribute
	ICS2Message
1 .. 1	xs:sequence
0 .. 1	Transaction
1 .. 1	xs:sequence
1 .. 1	IOPartner
0 .. 1	IODivision1
0 .. 1	IODivision2
0 .. 1	IODivision3
0 .. 1	OrgUnit
1 .. 1	IOReference
1 .. 1	IODateTime
1 .. 1	Version
0 .. 1	Messages
1 .. 1	xs:sequence
1 .. 1	xs:choice
0 .. 1	ENSMMessage
1 .. 1	xs:sequence
0 .. 1	LRN
1 .. 1	DocumentIssueDate
0 .. 1	ReferralRequestReference
0 .. 1	MRN
0 .. 1	PreviousDocumentIdentification
1 .. 1	MessageFunction
0 .. 1	ProcessPhase
0 .. 1	DatasetIndicator
0 .. 1	SpecificCircumstanceIndicator
0 .. 99	SpecialHandlingCode
1 .. 1	xs:sequence
1 .. 1	Code
0 .. 1	Description
0 .. 1	ReentryIndicator
0 .. 1	AddressedMemberState
0 .. 1	SplitConsignment
1 .. 1	xs:sequence
1 .. 1	SplitConsignmentIndicator
0 .. 1	PreviousMRN
0 .. 1	Representative
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox

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

Occurrence	Element/Attribute
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	ActiveBorderTransportMeans
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	TypeOfIdentification
0 .. 1	TypeOfMeansOfTransport
0 .. 1	Nationality
1 .. 1	ModeOfTransport
0 .. 1	ActualDateAndTimeOfDeparture
0 .. 1	EstimatedDateAndTimeOfDeparture
0 .. 1	EstimatedDateAndTimeOfArrival
0 .. 1	ConveyanceReferenceNumber
0 .. 99	CountriesOfRoutingOfMeansOfTransport
1 .. 1	xs:sequence
1 .. 1	SequenceNumber
1 .. 1	Country
0 .. 99	AirportsOfRouting
1 .. 1	xs:sequence
1 .. 1	SequenceNumber
1 .. 1	Code
0 .. 1	ConsignmentMaster
1 .. 1	xs:sequence
0 .. 1	ContainerIndicator
0 .. 999	ReceptacleIdentificationNumber
0 .. 1	TotalGrossMass
0 .. 1	PlaceOfAcceptance
1 .. 1	xs:sequence
0 .. 1	Location
0 .. 1	UNLOCODE
0 .. 1	Country
0 .. 99	SupportingDocuments
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
1 .. 1	Code
0 .. 1	Text
0 .. 99	AdditionalSupplyChainActor
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	Role
0 .. 1	Carrier
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence

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

Occurrence	Element/Attribute
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	Consignee
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	Consignor
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 9999999	GoodsItem

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

Occurrence	Element/Attribute
1 .. 1	xs:sequence
0 .. 1	ItemAmountInvoiced
0 .. 1	ItemAmountInvoicedCurrency
1 .. 1	GoodsItemNumber
0 .. 1	PostalValue
0 .. 1	PostalValueCurrency
0 .. 1	TypeOfGoods
0 .. 99	SupportingDocuments
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
1 .. 1	Code
0 .. 1	Text
0 .. 99	AdditionalSupplyChainActor
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	Role
0 .. 1	DescriptionOfGoods
0 .. 1	CUSCode
0 .. 1	HarmonizedSystemSubheadingCode
0 .. 1	CombinedNomenclatureCode
0 .. 99	DangerousGoodsUNNumber
0 .. 1	CountryOfOrigin
0 .. 1	GrossMass
0 .. 99	Packaging
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
0 .. 1	NumberOfPackages
0 .. 1	TypeOfPackages
0 .. 99	PassiveBorderTransportMeans
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	TypeOfIdentification
1 .. 1	TypeOfMeansOfTransport
0 .. 1	Nationality
0 .. 9999	TransportEquipment
1 .. 1	xs:sequence
0 .. 1	ContainerSizeAndType
0 .. 1	ContainerPackedStatus
0 .. 1	ContainerSupplierType
1 .. 1	ContainerIdentificationNumber
0 .. 1	NumberOfSeals
0 .. 99	Seal
1 .. 1	xs:sequence
1 .. 1	Identifier
0 .. 1	TransportChargesMethodOfPayment
0 .. 1	PlaceOfDelivery
1 .. 1	xs:sequence
0 .. 1	Location
0 .. 1	UNLOCODE
0 .. 1	Country

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

Occurrence	Element/Attribute
0 .. 1	PlaceOfLoading
1 .. 1	xs:sequence
0 .. 1	Location
0 .. 1	UNLOCODE
0 .. 1	Country
0 .. 99	PassiveBorderTransportMeans
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	TypeOfIdentification
1 .. 1	TypeOfMeansOfTransport
1 .. 1	Nationality
0 .. 1	NotifyParty
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	SupplementaryDeclarant
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	SupplementaryFilingType
0 .. 1	TransportDocument
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 9999	TransportEquipment
1 .. 1	xs:sequence
0 .. 1	ContainerSizeAndType
0 .. 1	ContainerPackedStatus
0 .. 1	ContainerSupplierType
1 .. 1	ContainerIdentificationNumber
0 .. 1	NumberOfSeals
0 .. 99	Seal
1 .. 1	xs:sequence
1 .. 1	Identifier
0 .. 1	ReferenceNumberUCR
0 .. 1	PlaceOfUnloading
1 .. 1	xs:sequence
0 .. 1	Location

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

Occurrence	Element/Attribute
0 .. 1	UNLOCODE
0 .. 1	Country
0 .. 99999	ConsignmentHouse
1 .. 1	xs:sequence
0 .. 1	ContainerIndicator
0 .. 999	ReceptacleIdentificationNumber
0 .. 1	TotalAmountInvoiced
0 .. 1	TotalAmountInvoicedCurrency
0 .. 1	AdditionsAndDeductions
0 .. 1	AdditionsAndDeductionsCurrency
0 .. 1	AdditionalFiscalReferences
1 .. 1	xs:sequence
0 .. 1	VATIdentificationNumber
0 .. 1	Role
0 .. 1	TotalGrossMass
0 .. 1	PlaceOfAcceptance
1 .. 1	xs:sequence
0 .. 1	Location
0 .. 1	UNLOCODE
0 .. 1	Country
0 .. 99	SupportingDocuments
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
1 .. 1	Code
0 .. 1	Text
0 .. 99	AdditionalSupplyChainActor
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	Role
0 .. 1	Carrier
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	TypeOfPerson
0 .. 1	Consignee
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication

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

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 9999	GoodsItem
1 .. 1	xs:sequence
0 .. 1	ItemAmountInvoiced
0 .. 1	ItemAmountInvoicedCurrency
1 .. 1	GoodsItemNumber
0 .. 1	PostalValue
0 .. 1	PostalValueCurrency
0 .. 1	TypeOfGoods
0 .. 99	SupportingDocuments
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
1 .. 1	Code
0 .. 1	Text
0 .. 99	AdditionalSupplyChainActor
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	Role
0 .. 1	DescriptionOfGoods
0 .. 1	CUSCode
0 .. 1	HarmonizedSystemSubheadingCode
0 .. 1	CombinedNomenclatureCode
0 .. 99	DangerousGoodsUNNumber
0 .. 1	CountryOfOrigin
0 .. 1	GrossMass
0 .. 99	Packaging
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
0 .. 1	NumberOfPackages
0 .. 1	TypeOfPackages
0 .. 99	PassiveBorderTransportMeans
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	TypeOfIdentification
1 .. 1	TypeOfMeansOfTransport
0 .. 1	Nationality
0 .. 9999	TransportEquipment
1 .. 1	xs:sequence
0 .. 1	ContainerSizeAndType
0 .. 1	ContainerPackedStatus
0 .. 1	ContainerSupplierType
1 .. 1	ContainerIdentificationNumber
0 .. 1	NumberOfSeals
0 .. 99	Seal
1 .. 1	xs:sequence
1 .. 1	Identifier
0 .. 1	Consignor
1 .. 1	xs:sequence

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

Occurrence	Element/Attribute
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	PostalCharges
0 .. 1	PostalChargesCurrency
0 .. 1	TransportChargesMethodOfPayment
0 .. 1	PlaceOfDelivery
1 .. 1	xs:sequence
0 .. 1	Location
0 .. 1	UNLOCODE
0 .. 1	Country
0 .. 99	CountriesOfRoutingOfConsignment
1 .. 1	xs:sequence
1 .. 1	SequenceNumber
1 .. 1	Country
0 .. 1	NotifyParty
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	Buyer
1 .. 1	xs:sequence
0 .. 1	Name

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

Occurrence	Element/Attribute
0 .. 1	IdentificationNumber
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	Seller
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	TypeOfPerson
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 99	SupplementaryDeclarant
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	SupplementaryFilingType
0 .. 99	PassiveBorderTransportMeans
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	TypeOfIdentification
1 .. 1	TypeOfMeansOfTransport
0 .. 1	Nationality
0 .. 1	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 1	TransportDocumentMaster
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type

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

Occurrence	Element/Attribute
0 .. 9999	TransportEquipment
1 .. 1	xs:sequence
0 .. 1	ContainerSizeAndType
0 .. 1	ContainerPackedStatus
0 .. 1	ContainerSupplierType
1 .. 1	ContainerIdentificationNumber
0 .. 1	NumberOfSeals
0 .. 99	Seal
1 .. 1	xs:sequence
1 .. 1	Identifier
0 .. 1	ReferenceNumberUCR
1 .. 1	Declarant
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	TypeOfPerson
1 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
1 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	CustomsOfficeOfFirstEntry
0 .. 99	HRCMScreeningResults
1 .. 1	xs:sequence
1 .. 1	Result
2 .. 9	ScreeningMethod
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Text
0 .. 1	Type
0 .. 1	AuthorizedPerson
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	IdentificationNumber
1 .. 1	TypeOfPerson
0 .. 9	BinaryFile
1 .. 1	xs:sequence
1 .. 1	Identification
1 .. 1	Filename
1 .. 1	MIME
0 .. 1	Description
0 .. 1	FileContent
0 .. 1	FacilityAddress

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

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
0 .. 1	TransportDocument
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 1	Response
1 .. 1	xs:sequence
0 .. 1	ResponseType
0 .. 1	ResponseOrigin
0 .. 1	FunctionalReference
0 .. 2	Date
1 .. 1	xs:sequence
1 .. 1	Date
1 .. 1	DateType
0 .. 1	LRN
0 .. 1	MRN
0 .. 1	MemberState
1 .. 1	xs:sequence
1 .. 1	Country
1 .. 1	Type
0 .. 1	CustomsOffice
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 1	Representative
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	TypeOfPerson
0 .. 1	Carrier
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	Declarant
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 99999	SupplementaryDeclarant
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	NotifyParty
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	PersonNotifyingTheArrival
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 999	ReceptacleIdentificationNumber
	TransportDocument

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

Occurrence	Element/Attribute
0 .. 1	
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99999	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 9999	ContainerNumber
0 .. 99999	Error
1 .. 1	xs:sequence
0 .. 1	TechnicalErrorMessage
0 .. 1	Description
1 .. 1	ValidationCode
0 .. 1	MessageElementPath
0 .. 99999	ENSEntity
1 .. 1	xs:sequence
1 .. 1	Type
1 .. 1	Identification
1 .. 1	State
0 .. 99999	Control
1 .. 1	xs:sequence
0 .. 1	ExaminationPlace
1 .. 1	xs:sequence
0 .. 1	PlaceOfExamination
0 .. 1	ReferenceNumber
0 .. 1	ConsignmentMaster
1 .. 1	xs:sequence
0 .. 999	ReceptacleIdentificationNumber
0 .. 9999	GoodsItem
1 .. 1	xs:sequence
1 .. 1	GoodsItemNumber
0 .. 99	Packaging
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
1 .. 1	TypeOfPackages
0 .. 9999	ContainerIdentificationNumber
0 .. 99999	ConsignmentHouse
1 .. 1	xs:sequence
0 .. 9999	GoodsItem
1 .. 1	xs:sequence
1 .. 1	GoodsItemNumber
0 .. 99	Packaging
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
1 .. 1	TypeOfPackages
0 .. 99	PassiveBorderTransportMeans
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	TypeOfIdentification
0 .. 1	Nationality
0 .. 9999	ContainerIdentificationNumber

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

Occurrence	Element/Attribute
0 .. 99	PassiveBorderTransportMeans
1 .. 1	xs:sequence
1 .. 1	IdentificationNumber
1 .. 1	TypeOfIdentification
0 .. 1	Nationality
0 .. 1	TransportDocumentNumber
0 .. 1	TransportDocumentType
0 .. 9999	ContainerIdentificationNumber
0 .. 99	Packaging
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
1 .. 1	TypeOfPackages
0 .. 9999	ContainerIdentificationNumber
0 .. 1	AssessmentComplete
1 .. 1	xs:sequence
0 .. 999	ReceptacleIdentificationNumber
0 .. 99999	TransportDocument
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 9999	ContainerIdentificationNumber
0 .. 1	DoNotLoadDetails
1 .. 1	xs:sequence
0 .. 999	ReceptacleIdentificationNumber
0 .. 1	TransportDocument
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 9999	ContainerIdentificationNumber
0 .. 999	ReferralRequestDetails
1 .. 1	xs:sequence
0 .. 1	ReferralRequestReference
0 .. 1	RequestType
0 .. 1	TransportDocumentMaster
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 1	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99	SupportingDocuments
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Text
0 .. 1	Type
0 .. 1	MessageElementPath
0 .. 9	RecommendedHRCMScreeningMethod
	ArrivalNotification

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

Occurrence	Element/Attribute
0 .. 1	
1 .. 1	xs:sequence
1 .. 1	LRN
1 .. 1	Date
1 .. 1	xs:sequence
1 .. 1	Date
1 .. 1	DateType
0 .. 9	NotifyParty
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
1 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
1 .. 1	ActiveBorderTransportMeans
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	TypeOfIdentification
1 .. 1	ModeOfTransport
1 .. 1	ActualDateAndTimeOfArrival
0 .. 1	EstimatedDateAndTimeOfArrival
0 .. 1	EstimatedDateAndTimeOfDeparture
0 .. 1	ConveyanceReferenceNumber
0 .. 9999	TransportDocument
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 9999	MRN
0 .. 1	PersonNotifyingTheArrival
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
1 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
1 .. 1	ActualCustomsOfficeOfFirstEntry
0 .. 1	ENSSStatusRequest
1 .. 1	xs:sequence
0 .. 1	IndicatorString
0 .. 1	Indicator
1 .. 1	FunctionalReference
0 .. 1	MRN
1 .. 1	Requester
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
1 .. 9	Communication
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type
0 .. 1	TransportDocument
1 .. 1	xs:sequence
1 .. 1	DocumentNumber

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

Occurrence	Element/Attribute
1 .. 1	Type
0 .. 1	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 1	ReferralResponseToSTI
1 .. 1	xs:sequence
1 .. 1	SpecificCircumstanceIndicator
1 .. 1	Date
1 .. 1	xs:sequence
1 .. 1	Date
1 .. 1	DateType
1 .. 1	MRN
1 .. 1	ResponsibleMemberState
0 .. 9	Representative
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
1 .. 1	Declarant
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 1	TransportDocument
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 999	AdditionalInformationResponse
1 .. 1	xs:sequence
1 .. 1	ReferralRequestReference
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Text
0 .. 1	Type
0 .. 9	BinaryAttachment
1 .. 1	xs:sequence
1 .. 1	Identification
1 .. 1	Filename
1 .. 1	MIME
0 .. 1	Description
0 .. 1	FileContent
0 .. 1	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 999	HRCMScreeningResults
1 .. 1	xs:sequence
0 .. 1	ReferralRequestReference
1 .. 1	Result
2 .. 9	ScreeningMethod
0 .. 99	AdditionalInformation
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Text

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

Occurrence	Element/Attribute
0 .. 1	Type
0 .. 1	AuthorizedPerson
1 .. 1	xs:sequence
1 .. 1	Name
1 .. 1	IdentificationNumber
1 .. 1	TypeOfPerson
0 .. 9	BinaryFile
1 .. 1	xs:sequence
1 .. 1	Identification
1 .. 1	Filename
1 .. 1	MIME
0 .. 1	Description
0 .. 1	FileContent
0 .. 1	FacilityAddress
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
1 .. 1	Subdivision
0 .. 1	Street
0 .. 1	Number
0 .. 1	StreetAdditionalLine
0 .. 1	Postcode
0 .. 1	PoBox
1 .. 1	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type

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

Guideline

Element/Attribute	Annotation	
ICS2Message	Type	ICS2MessageType
xs:sequence	Occurrence	1 .. 1
Transaction	Occurrence	0 .. 1
xs:sequence	Type	TransactionICSType
IOPartner	Occurrence	1 .. 1
xs:sequence	Type	an..10
IODivision1	Length	.. 10
xs:sequence	Description	DAKOSY Participant Code of the sending party
IODivision2	Occurrence	0 .. 1
xs:sequence	Type	an..10
IODivision3	Length	.. 10
xs:sequence	Description	Additional Code used for DAKOSY-internal purposes
OrgUnit	Occurrence	0 .. 1
xs:sequence	Type	an..256
IOReference	Length	.. 256
xs:sequence	Occurrence	1 .. 1
IODateTime	Type	an..35
xs:sequence	Length	.. 35
Version	Description	A unique reference number identifying this XML interchange.
xs:sequence	Occurrence	1 .. 1
Messages	Type	xs:dateTime
xs:sequence	Description	Date and time of interchange creation
ENSMessage	Occurrence	1 .. 1
xs:sequence	Type	an..3
LRN	Length	.. 3
xs:sequence	Description	Interface specification Version
DocumentIssueDate	Occurrence	0 .. 1
xs:sequence	Type	an..1
ReferralRequestReference	Occurrence	1 .. 1
xs:sequence	Type	an..22
ReferralRequestReference	Length	.. 22
xs:sequence	Description	Local Reference Number
ReferralRequestReference	Remark	Mandatory, if Message function is ORIGINAL
xs:sequence	Remark	This attribute has to be unique as per Declarant (DECLARANT/Identification number).
ReferralRequestReference	Occurrence	1 .. 1
xs:sequence	Type	xs:dateTime
ReferralRequestReference	Occurrence	0 .. 1
xs:sequence	Type	an..17
ReferralRequestReference	Length	.. 17
xs:sequence	Description	In case of RFI or RFS the requested information can be sent via amendment of the ICS2 application. In this case the referral request reference has to be sent, so that the amendment can be assigned to the correspondig RFI/

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

Element/Attribute	Annotation
MRN	RFS. Occurrence 0 .. 1 Type an..18 Length .. 18 Description Movement Reference Number Remark Mandatory, if MessageFunction is AMENDMENT
PreviousDocumentIdentification	Occurrence 0 .. 1 Type an..70 Length .. 70 Description mandatory for F25. It contains the MRN of the previous F23
MessageFunction	Occurrence 1 .. 1 Type MessageFunctionType Applicable Codes CANCELLATION Invalidation ORIGINAL New application UPDATE Amendment
ProcessPhase	Occurrence 0 .. 1 Type ProcessPhaseType Description The stage of the process, either pre-loading or pre-arrival Applicable Codes PRE_ARRIVAL PRE_LOADING
DatasetIndicator	Occurrence 0 .. 1 Type DatasetIndicatorType Length 1 .. 8 Description Indicates whether the filing is complete or part of a multiple filing case Applicable Codes COMPLETE PARTIAL
SpecificCircumstanceIndicator	Occurrence 0 .. 1 Type SpecificCircumstanceIndicatorContentType Length .. 3 Pattern .{3} Description Specific circumstance indicator Remark This element shall be declared Remark Must not be amended Applicable Codes F10 Sea and inland waterways - Complete dataset - Straight bill of lading F11 Sea and inland waterways - Complete dataset F12 Sea and inland waterways - Partial dataset - Master bill of lading only F13 Sea and inland waterways - Partial dataset - Straight bill of lading only F14 Sea and inland waterways - Partial dataset - House bill of lading only F15 Sea and inland waterways - Partial dataset - House bill of lading F16 Sea and inland waterways - Partial dataset - Necessary information required F17 Sea and inland waterways - Partial dataset - Necessary information required F20 Air cargo (general) - Complete dataset lodged pre-loading F21 Air cargo (general) - Partial dataset - Master air waybill lodged pre-arrival F22 Air cargo (general) - Partial dataset - House air waybill lodged pre-arrival F23 Air cargo (general) - Partial dataset - Minimum

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

Element/Attribute		Annotation			
		Applicable Codes			
		F24	dataset lodged pre-loading Air cargo (general) - Partial dataset - Minimum dataset lodged pre-loading		
		F25	Air cargo (general) - Partial dataset - Master air waybill reference number lodged pre-loading		
		F26	Air cargo (general) - Partial dataset - Minimum dataset lodged pre-loading		
		F27	Air cargo (general) - Complete dataset lodged pre-arrival		
		F28	Air cargo (general) - Complete dataset lodged pre-loading - Direct air waybill		
		F29	Air cargo (general) - Complete dataset lodged pre-loading - Direct air waybill		
		F30	Express consignments - Complete dataset lodged pre-arrival		
		F31	Express consignments - Complete dataset lodged pre-arrival		
		F32	Express consignments - Partial dataset - Minimum dataset lodged pre-loading		
		F33	Express consignments - Partial dataset - House air waybill lodged pre-arrival		
		F34	Express consignments - on road - Complete dataset lodged pre-arrival		
		F40	Postal consignments - Partial dataset - Road-Master		
		F41	Postal consignments - Partial dataset - Rail-Master		
		F42	Postal consignments - Master air waybill containing necessary postal air waybill information		
		F43	Postal consignments - Minimum dataset lodged pre-loading		
		F44	Postal consignments - Receptacle identification number lodged pre-loading		
		F45	Postal consignments - Partial dataset - Sea and inland waterways		
		F50	Road mode of transport - Master single filing		
		F51	Rail mode of transport - Master single filing		
		F52	Rail mode of transport - Master partial dataset		
		F53	Rail mode of transport - House partial dataset (all)		
		F54	Rail mode of transport - House partial dataset (cargo HBL data)		
		F55	Rail mode of transport - House partial dataset (goods shipment)		
		F56	Road mode of transport - Master partial dataset		
		F57	Road mode of transport - House partial dataset (all)		
		F58	Road mode of transport - House partial dataset (cargo HBL data)		
		F59	Road mode of transport - House partial dataset (goods shipment)		
		SpecialHandlingCode	Occurrence	0 .. 99	
			Type	SpecialHandlingCodeType	
	Remark	Codes can be used for special handling of ENS messages. Codes must be adjusted with DAKOSY otherwise codes will be ignored.			
xs:sequence	Occurrence	1 .. 1			
Code	Occurrence	1 .. 1			
	Type	an..10			
	Length	.. 10			
Description	Occurrence	0 .. 1			
	Type	an..35			
	Length	.. 35			

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

Element/Attribute	Annotation		
ReentryIndicator	Occurence	0 .. 1	
	Type	ReentryIndicatorType	
	Length	1 .. 8	
	Remark	Mandatory, if DatasetIndicator is COMPLETE	
	Applicable Codes		
	0	No	
1	Yes		
AddressedMemberState	Occurence	0 .. 1	
	Type	a2	
	Pattern	[a-zA-Z]{2}	
	Remark	CL717 Country code (ICS2 MS)	
	Remark	Mandatory, if DatasetIndicator is PARTIAL	
	Remark	Must not be amended	
SplitConsignment	Occurence	0 .. 1	
	Type	SplitConsignmentType	
xs:sequence	Occurence	1 .. 1	
SplitConsignmentIndicator	Occurence	1 .. 1	
	Type	SplitConsignmentIndicatorType	
	Length	1 .. 8	
	Remark	In use for master ENS messages: F10, F11, F12, F13, F20, F21, F27, F28, F29, F30, F31, F34, F42, F45	
	Applicable Codes		
	0	No	
1	Yes		
PreviousMRN	Occurence	0 .. 1	
	Type	an..18	
	Length	.. 18	
	Pattern	{18}	
	Remark	For F10, F11, F12, F13, F30, F34, F45: Mandatory, if SplitConsignmentIndicator is true	
Representative	Occurence	0 .. 1	
	Type	PartyType	
	Remark	Must not be amended	
xs:sequence	Occurence	1 .. 1	
Name	Occurence	0 .. 1	
	Type	an..70	
	Length	.. 70	
IdentificationNumber	Occurence	0 .. 1	
	Type	an..17	
	Length	.. 17	
	Remark	EORI number shall be declared.	
	Remark	'REPRESENTATIVE/Identification number' cannot be the same as 'DECLARANT/Identification number'.	
	Remark	Must not be amended	
Status	Occurence	0 .. 1	
	Type	n1	
	FractionDigits	0	
	TotalDigits	1	
	Inclusive	0	..
	Pattern	\d{1}	
	Applicable Codes		
2	Direct		
3	Indirect		
Address	Occurence	0 .. 1	
	Type	AddressType	
	Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.	
xs:sequence	Occurence	1 .. 1	

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

Element/Attribute		Annotation	
City Country Subdivision Street Number StreetAdditionalLine Postcode PoBox Communication xs:sequence Identifier Type ActiveBorderTransportMeans xs:sequence	City	Occurence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
	Country	Occurence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.
	Subdivision	Occurence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
	Street	Occurence	0 .. 1
		Type	an..70
	Length	.. 70	
	Description	Street and number/P.O. Box	
Number	Occurence	0 .. 1	
	Type	an..35	
	Length	.. 35	
StreetAdditionalLine	Occurence	0 .. 1	
	Type	an..70	
	Length	.. 70	
	Description	Postcode identification	
Postcode	Occurence	0 .. 1	
	Type	an..17	
	Length	.. 17	
	Remark	Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.	
PoBox	Occurence	0 .. 1	
	Type	an..70	
	Length	.. 70	
Communication	Occurence	0 .. 9	
	Type	CommunicationType	
xs:sequence	Occurence	1 .. 1	
Identifier	Occurence	1 .. 1	
	Type	an..512	
	Length	.. 512	
	Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".	
	Description	Communication number	
Type	Occurence	1 .. 1	
	Type	CommunicationTypeType	
	Length	1 .. 8	
	Description	Communication number type	
	Applicable Codes		
	EM	Electronic mail	
	TE	Telephone	
ActiveBorderTransportMeans	Occurence	0 .. 1	
	Remark	F10, F11, F12, F13, F34, F40, F41, F42, F45, F50, F51: Either the 'Estimated date and time of departure' or 'Actual date and time of departure' is to be provided. But not both.	
xs:sequence	Occurence	1 .. 1	

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

Element/Attribute	Annotation														
IdentificationNumber	Occurrence 0 .. 1 Type an..35 Length .. 35 Remark When 'ACTIVE BORDER TRANSPORT MEANS/Type of identification' is '10' this attribute must contain IMO ship identification number and its value must be made of the three letters "IMO" followed by a six-digit sequential unique number and a check digit. The check digit is calculated by multiplying each of the first six digits by a factor of 2 to 7 corresponding to their position from right to left. The rightmost digit of this sum is the check digit Remark When 'ACTIVE BORDER TRANSPORT MEANS/Type of identification' is '80' this attribute must contain unique European Vessel Identification Number (ENI) and its value must have an eight digit format. Description Identification of means of transport crossing the border, coded Remark Must not be amended														
TypeOfIdentification	Occurrence 0 .. 1 Type TypeOfIdentificationType Length 1 .. 8 Remark When 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is '1' the value of this attribute must be '10'. Remark When 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is '8' the value of this attribute must be '80'. Description Type of identification of means of transport crossing the border, coded Applicable Codes <table> <tr><td>10</td><td>IMO Ship Identification Number</td></tr> <tr><td>20</td><td>Wagon Number</td></tr> <tr><td>21</td><td>Train Number</td></tr> <tr><td>30</td><td>Registration Number of the Road Vehicle</td></tr> <tr><td>31</td><td>Registration Number of the Road Trailer</td></tr> <tr><td>41</td><td>Registration Number of the Aircraft</td></tr> <tr><td>80</td><td>European Vessel Identification Number (ENI Code)</td></tr> </table>	10	IMO Ship Identification Number	20	Wagon Number	21	Train Number	30	Registration Number of the Road Vehicle	31	Registration Number of the Road Trailer	41	Registration Number of the Aircraft	80	European Vessel Identification Number (ENI Code)
10	IMO Ship Identification Number														
20	Wagon Number														
21	Train Number														
30	Registration Number of the Road Vehicle														
31	Registration Number of the Road Trailer														
41	Registration Number of the Aircraft														
80	European Vessel Identification Number (ENI Code)														
TypeOfMeansOfTransport	Occurrence 0 .. 1 Type xs:string Remark CL751 Type of Means of Transport for sea freight. Description Type of means of transport crossing the border, coded														
Nationality	Occurrence 0 .. 1 Type CountryCodeType Length .. 2 Pattern [A-Z]{2} Description Nationality of means of transport crossing the border, coded														
ModeOfTransport	Occurrence 1 .. 1 Type ModeOfTransportType Description Mode of transport crossing the border, coded Remark Must not be amended Applicable Codes <table> <tr><td>1</td><td>Maritime Transport</td></tr> <tr><td>2</td><td>Rail Transport</td></tr> <tr><td>3</td><td>Road Transport</td></tr> <tr><td>4</td><td>Air Transport</td></tr> <tr><td>8</td><td>Inland Waterway Transport</td></tr> </table>	1	Maritime Transport	2	Rail Transport	3	Road Transport	4	Air Transport	8	Inland Waterway Transport				
1	Maritime Transport														
2	Rail Transport														
3	Road Transport														
4	Air Transport														
8	Inland Waterway Transport														
ActualDateAndTimeOfDeparture	Occurrence 0 .. 1 Type xs:dateTime Remark The 'Estimated date and time of arrival' cannot be earlier than the 'Actual date and time of departure' or 'Estimated date and time of departure'. Remark Actual date and time of departure from where the goods														

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

Element/Attribute	Annotation
	were loaded onto the active means of transport which will carry them into the Union. Mandatory for F21, F27, F29, F30, F31
EstimatedDateAndTimeOfDeparture	Remark Occurrence 0 .. 1 Type xs:dateTime Remark Departure The 'Estimated date and time of arrival' cannot be earlier than the 'Actual date and time of departure' or 'Estimated date and time of departure'. Remark Estimated date and time of departure from the place where the goods were loaded onto the active means of transport which will carry them into the Union. Remark Mandatory for F20, F28
EstimatedDateAndTimeOfArrival	Occurrence 0 .. 1 Type xs:dateTime Remark Arrival The 'Estimated date and time of arrival' cannot be earlier than the 'Actual date and time of departure' or 'Estimated date and time of departure'. Remark Estimated date and time where the active means of transport arrives in the Union at (land) the first border post, (air) at the first airport or (sea) at the first port. Remark Mandatory for F10, F11, F12, F13, F20, F21, F27, F28, F29, F30, F31, F40, F41, F42, F45, F50, F51
ConveyanceReferenceNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark For air freight messages only. Must not be amended
CountriesOfRoutingOfMeansOfTransport	Occurrence 0 .. 99 Remark 'ACTIVE BORDER TRANSPORT MEANS/Countries of routing of means of transport' first country in the sequence must be the same as 'CONSIGNMENT (MASTER LEVEL)/PLACE OF LOADING/UNLOCODE' or 'CONSIGNMENT (MASTER LEVEL)/PLACE OF LOADING/ADDRESS/Country'. Remark 'ACTIVE BORDER TRANSPORT MEANS/Countries of routing of means of transport' last country in the sequence must be the same as 'CONSIGNMENT (MASTER LEVEL)/PLACE OF UNLOADING/UNLOCODE' or 'CONSIGNMENT (MASTER LEVEL)/PLACE OF UNLOADING/ADDRESS/Country'. Remark In the sequence of 'ACTIVE BORDER TRANSPORT MEANS/Countries of routing of means of transport' the first country that is an EU Member State must be the country of the 'CUSTOMS OFFICE OF FIRST ENTRY'.
xs:sequence	Occurrence 1 .. 1
SequenceNumber	Occurrence 1 .. 1 Type n..2 FractionDigits 0 TotalDigits 2
Country	Occurrence 1 .. 1 Type CountryCodeType Length .. 2 Pattern [A-Z]{2} Description Identification of the name of the country or other geographical entity as defined in ISO 3166-1.
AirportsOfRouting	Occurrence 0 .. 99
xs:sequence	Occurrence 1 .. 1
SequenceNumber	Occurrence 1 .. 1 Type n..2 FractionDigits 0 TotalDigits 2

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

Element/Attribute	Annotation
Code	Occurrence 1 .. 1 Type an3 Length 3 .. 3 Description IATA airport code, e.g. FRA
ConsignmentMaster	Occurrence 0 .. 1 Type ConsignmentMasterType
<i>xs:sequence</i>	Occurrence 1 .. 1
ContainerIndicator	Occurrence 0 .. 1 Type ContainerIndicatorType Length 1 .. 8 Description Container transport code. Mandatory for F11, F12, F20, F21, F27, F31, F40, F41, F45, F50, F51
Applicable Codes	
0	Goods not transported in containers
1	Goods transported in containers
ReceptacleIdentificationNumber	Occurrence 0 .. 999 Type an..35 Length .. 35 Description Mandatory for F40, F41, F42, F45
TotalGrossMass	Occurrence 0 .. 1 Type n..16.6 FractionDigits 6 TotalDigits 16 Description Total gross weight. Mandatory for F11, F12, F20, F21, F27, F31
PlaceOfAcceptance	Occurrence 0 .. 1 Type LocationType Description Mandatory for F11, F12, F20, F21, F27, F31, F34, F50, F51
<i>xs:sequence</i>	Occurrence 1 .. 1
Location	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Place of acceptance Remark Mandatory, if UNLOCODE is not provided
UNLOCODE	Occurrence 0 .. 1 Type an..17 Length .. 17 Description Place of acceptance, coded
Country	Occurrence 0 .. 1 Type a2 Pattern [a-zA-Z]{2} Remark CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2 Description Country, coded Remark Mandatory, if UNLOCODE is not provided
SupportingDocuments	Occurrence 0 .. 99
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Additional document reference number
Type	Occurrence 1 .. 1 Type an..4 Length .. 4 Remark CL013 Document type List of document types as published in CS/RD2 Description Additional document type, coded
AdditionalInformation	Occurrence 0 .. 99 Type AdditionalInformationENSType

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

Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
Code	Occurrence 1 .. 1
	Type AdditionalInformationCodeENSType
	Length 1 .. 17
	Description Additional statement code: CL701
	Applicable Codes
	10600 Consignee Unknown
	10900 ENS lodged together with customs declaration for low value consignments
Text	Occurrence 0 .. 1
	Type an..512
	Length .. 512
	Description Additional statement text
AdditionalSupplyChainActor	Occurrence 0 .. 99
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 1 .. 1
	Type an..17
	Length .. 17
	Description AEO mutual recognition party, coded
Role	Occurrence 1 .. 1
	Type AdditionalSupplyChainActorRoleType
	Length 1 .. 8
	Description Role code
	Applicable Codes
	CE Consignee
	CO Consignor
	CR Carrier
	CS Consolidator
	FW Freight Forwarder
	MF Manufacturer
	WH Warehouse Keeper
Carrier	Occurrence 0 .. 1
	Type PartyType
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 0 .. 1
	Type an..70
	Length .. 70
	Description Carrier - name
IdentificationNumber	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Remark EORI number shall be declared.
	Description Carrier identification
	Remark Must not be amended
Status	Occurrence 0 .. 1
	Type n1
	FractionDigits 0
	TotalDigits 1
	Inclusive 0 ..
	Pattern \d{1}
	Applicable Codes
	2 Direct
	3 Indirect
TypeOfPerson	Occurrence 0 .. 1
	Type TypeOfPersonType
	Length 1 .. 1
	Applicable Codes
	1 Natural person
	2 Legal person
	3 Association of persons

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

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Element/Attribute	Annotation
xs:sequence	an EORI.
Name	Occurrence 1 .. 1 Occurrence 0 .. 1 Type an..70 Length .. 70 Description Consignee name
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description EORI is mandatory for consignee in EU, if company has an EORI.
Status	Occurrence 0 .. 1 Type n1 FractionDigits 0 TotalDigits 1 Inclusive 0 .. Pattern \d{1}
Applicable Codes	
2	Direct
3	Indirect
TypeOfPerson	Occurrence 0 .. 1 Type TypeOfPersonType Length 1 .. 1
Applicable Codes	
1	Natural person
2	Legal person
3	Association of persons
Address	Occurrence 0 .. 1 Type AddressType Remark In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
xs:sequence	Occurrence 1 .. 1
City	Occurrence 1 .. 1 Type an..35 Length .. 35 Description City name
Country	Occurrence 1 .. 1 Type CountryCodeType Length .. 2 Pattern [A-Z]{2} Description Country, coded
Subdivision	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Country sub-entity name
Street	Occurrence 0 .. 1 Type an..70 Length .. 70 Description Street and number/P.O. Box
Number	Occurrence 0 .. 1 Type an..35 Length .. 35
StreetAdditionalLine	Occurrence 0 .. 1 Type an..70 Length .. 70 Description Postcode identification

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

Element/Attribute		Annotation	
Postcode PoBox Communication xs:sequence Identifier Type Consignor xs:sequence Name IdentificationNumber Status TypeOfPerson Address		Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark Occurrence Type Length Remark	0 .. 1 an..17 .. 17 Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'. 0 .. 1 an..70 .. 70 0 .. 9 CommunicationType 1 .. 1 1 .. 1 an..512 .. 512 When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$". Communication number 1 .. 1 CommunicationTypeType 1 .. 8 Communication number type Applicable Codes EM Electronic mail TE Telephone 0 .. 1 PartyType 1 .. 1 0 .. 1 an..70 .. 70 Consignor - name 0 .. 1 an..17 .. 17 EORI number shall be declared. Consignor, coded 0 .. 1 n1 0 1 0 .. \\d{1} Applicable Codes 2 Direct 3 Indirect 0 .. 1 TypeOfPersonType 1 .. 1 Consignor, type of code Applicable Codes 1 Natural person 2 Legal person 3 Association of persons 0 .. 1 AddressType In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be

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

Element/Attribute	Annotation
	used.
xs:sequence	Occurrence 1 .. 1
City	Occurrence 1 .. 1
	Type an..35
	Length .. 35
	Description City name
Country	Occurrence 1 .. 1
	Type CountryCodeType
	Length .. 2
	Pattern [A-Z]{2}
	Description Country, coded
Subdivision	Occurrence 0 .. 1
	Type an..35
	Length .. 35
	Description Country sub-entity name
Street	Occurrence 0 .. 1
	Type an..70
	Length .. 70
	Description Street and number/P.O. Box
Number	Occurrence 0 .. 1
	Type an..35
	Length .. 35
StreetAdditionalLine	Occurrence 0 .. 1
	Type an..70
	Length .. 70
	Description Postcode identification
Postcode	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Remark Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
PoBox	Occurrence 0 .. 1
	Type an..70
	Length .. 70
Communication	Occurrence 0 .. 9
	Type CommunicationType
xs:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1
	Type an..512
	Length .. 512
	Remark When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".
	Description Communication number
Type	Occurrence 1 .. 1
	Type CommunicationTypeType
	Length 1 .. 8
	Description Communication number type
Applicable Codes	
EM	Electronic mail
TE	Telephone
GoodsItem	Occurrence 0 .. 9999999
	Type GoodsItemType
xs:sequence	Occurrence 1 .. 1
ItemAmountInvoiced	Occurrence 0 .. 1
	Type n..16.2
	FractionDigits 2
	TotalDigits 16

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

Element/Attribute		Annotation		
	ItemAmountInvoicedCurrency	Occurrence	0 .. 1	
			Type	a3
			Pattern	[a-zA-Z]{3}
	GoodsItemNumber	Occurrence	1 .. 1	
		Type	n..5	
		FractionDigits	0	
		TotalDigits	5	
		Remark	Each 'Goods Item Number' must be unique throughout CONSIGNMENT (HOUSE LEVEL). The items shall be numbered in a sequential fashion, starting from '1' for the first item and incrementing the numbering by '1' for each following item.	
		Description	Sequence number	
	PostalValue	Occurrence	0 .. 1	
		Type	n..16.2	
		FractionDigits	2	
		TotalDigits	16	
	PostalValueCurrency	Occurrence	0 .. 1	
		Type	a3	
	Pattern	[a-zA-Z]{3}		
TypeOfGoods	Occurrence	0 .. 1		
	Type	an..3		
	Length	.. 3		
	Remark	CL749: Conditions IF 'CONSIGNMENT (HOUSE LEVEL)/ADDITIONAL INFORMATION/Code' contains value '10900' and 'CONSIGNMENT (HOUSE LEVEL)/ADDITIONAL FISCAL REFERENCES' class is not provided, THEN this class/attribute is M, ELSE it is O.		
SupportingDocuments	Occurrence	0 .. 99		
	Remark	This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment, it should be provided at CONSIGNMENT level only.		
xs:sequence	Occurrence	1 .. 1		
ReferenceNumber	Occurrence	1 .. 1		
	Type	an..70		
	Length	.. 70		
	Description	Additional document reference number		
Type	Occurrence	1 .. 1		
	Type	an..4		
	Length	.. 4		
	Description	Additional document type, coded		
AdditionalInformation	Occurrence	0 .. 99		
	Type	AdditionalInformationENSType		
xs:sequence	Occurrence	1 .. 1		
Code	Occurrence	1 .. 1		
	Type	AdditionalInformationCodeENSType		
	Length	1 .. 17		
	Description	Additional statement code: CL701		
Applicable Codes				
	10600	Consignee Unknown		
	10900	ENS lodged together with customs declaration for low value consignments		
Text	Occurrence	0 .. 1		
	Type	an..512		
	Length	.. 512		
	Description	Additional statement text		
AdditionalSupplyChainActor	Occurrence	0 .. 99		
	Remark	This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE		

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

Element/Attribute	Annotation
	LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment, it should be provided at CONSIGNMENT level only.
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 1 .. 1 Type an..17 Length .. 17 Description AEO mutual recognition party, coded
Role	Occurrence 1 .. 1 Type AdditionalSupplyChainActorRoleType Length 1 .. 8 Description Role code
	Applicable Codes
	CE Consignee
	CO Consignor
	CR Carrier
	CS Consolidator
	FW Freight Forwarder
	MF Manufacturer
	WH Warehouse Keeper
DescriptionOfGoods	Occurrence 0 .. 1 Type an..512 Length .. 512
CUSCode	Occurrence 0 .. 1 Type an9 Length 9 .. 9 Remark CL719 CUS code As published in ECICS Remark The format of this attribute is 9999999-9.
HarmonizedSystemSubheadingCode	Occurrence 0 .. 1 Type an..6 Length .. 6 Remark Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/ CONSIGNOR/Type of person' and 'CONSIGNMENT (HOUSE LEVEL)/CONSIGNEE/Type of person' is '1 (Natural person)',
CombinedNomenclatureCode	Occurrence 0 .. 1 Type an2 Length 2 .. 2
DangerousGoodsUNNumber	Occurrence 0 .. 99 Type an..4 Length .. 4 Description United Nations Dangerous Goods Identifier (UNDG)
CountryOfOrigin	Occurrence 0 .. 1 Type a2 Pattern [a-zA-Z]{2}
GrossMass	Occurrence 0 .. 1 Type n..16.6 FractionDigits 6 TotalDigits 16 Description Gross weight item level
Packaging	Occurrence 0 .. 99
xs:sequence	Occurrence 1 .. 1
ShippingMarks	Occurrence 0 .. 1 Type an..512 Length .. 512 Remark Mandatory, IF 'CONSGINMENT (HOUSE LEVEL)/ GOODS ITEM/PACKAGING/Type of packages' is not 'VQ', 'VG', 'VL', 'VY', 'VR', 'VS', 'VO', 'NE', 'NF', 'NG',

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

Element/Attribute		Annotation	
	NumberOfPackages	Occurrence	0 .. 1
		Type	n..8
		FractionDigits	0
		TotalDigits	8
		Remark	Mandatory, IF 'CONSGINMENT (HOUSE LEVEL)/ GOODS ITEM/PACKAGING/Type of packages' is not 'VQ', 'VG', 'VL', 'VY', 'VR', 'VS', 'VO', 'NE', 'NF', 'NG',
	TypeOfPackages	Occurrence	0 .. 1
		Type	an2
		Length	2 .. 2
		Remark	CL017 Package type UNECE recommendation 21 code list as published in CS/RD2
		Description	Type of packages identification, coded
	PassiveBorderTransportMeans	Occurrence	0 .. 99
		xs:sequence	
	IdentificationNumber	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	Identification of passive transport means, coded
	TypeOfIdentification	Occurrence	1 .. 1
		Type	TypeOfIdentificationType
		Length	1 .. 8
		Description	Type of identification of passive transport means, coded
		Applicable Codes	
		10	IMO Ship Identification Number
		20	Wagon Number
		21	Train Number
		30	Registration Number of the Road Vehicle
		31	Registration Number of the Road Trailer
		41	Registration Number of the Aircraft
		80	European Vessel Identification Number (ENI Code)
	TypeOfMeansOfTransport	Occurrence	1 .. 1
		Type	n..4
		FractionDigits	0
		TotalDigits	4
		Remark	CL751 Type of Means of Transport
	Nationality	Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
		Description	Nationality of passive means of transport, coded
	TransportEquipment	Occurrence	0 .. 9999
		Type	TransportEquipmentType
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ Container indicator' is set to '1'
		xs:sequence	
	ContainerSizeAndType	Occurrence	0 .. 1
		Type	an..10
		Length	.. 10
		Description	Container size and type identification according to CL710
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerPackedStatus	Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	container packed status according to CL709. A=Empty and B=Not empty
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50,

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

Element/Attribute		Annotation	
			F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerSupplierType	Occurence Type Length Description Description	0 .. 1 an..3 .. 3 according to CL711; 1 = Shipper supplied and 2 = Carrier supplied Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerIdentificationNumber	Occurence Type Length Remark	1 .. 1 an..17 .. 17 The format of this attribute is ZZZZ9999999 (ISO 6346). For shippers own container please use prefix "XXXX".
	NumberOfSeals	Occurence Type FractionDigits TotalDigits	0 .. 1 n..4 0 4
	Seal	Occurence Description Remark	0 .. 99 Is mandatory if NumberOfSeals is used Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/GOODS ITEM/TRANSPORT EQUIPMENT/Number of seals' is used,
	xs:sequence		
	Identifier	Occurence Type Length Description	1 .. 1 an..20 .. 20 Seal number
	TransportChargesMethodOfPayment	Occurence Type Length Description Applicable Codes A B C D H Y Z	0 .. 1 TransportChargesMethodOfPaymentType 1 .. 8 Transport charges method of payment, coded Payment in cash Payment by credit card Payment by cheque Other (e.g. direct debit to cash account) Electronic funds transfer Account holder with carrier Not pre-paid
	PlaceOfDelivery	Occurence Type Description	0 .. 1 LocationType Mandatory for F11, F12, F20, F21, F27, F31, F34, F50, F51
	xs:sequence		
	Location	Occurence Type Length Description Remark	0 .. 1 an..35 .. 35 Goods receipt place Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/PLACE OF DELIVERY/UNLOCODE' is not provided
	UNLOCODE	Occurence Type Length Description	0 .. 1 an..17 .. 17 Goods receipt place, coded

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

Element/Attribute		Annotation	
Country PlaceOfLoading xs:sequence Location UNLOCODE Country PassiveBorderTransportMeans xs:sequence IdentificationNumber TypeOfIdentification TypeOfMeansOfTransport Nationality	Country PlaceOfLoading xs:sequence Location UNLOCODE Country PassiveBorderTransportMeans xs:sequence IdentificationNumber TypeOfIdentification TypeOfMeansOfTransport Nationality	Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
		Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2
		Description	Country, coded
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF DELIVERY/UNLOCODE' is not provided
		Occurrence	0 .. 1
		Type	LocationType
		Description	Mandatory for F10, F11, F12, F13, F27, F28, F29, F30, F31, F34, F40, F41, F42, F45, F50, F51
		Occurrence	1 .. 1
Location UNLOCODE Country PassiveBorderTransportMeans xs:sequence IdentificationNumber TypeOfIdentification TypeOfMeansOfTransport Nationality	Location UNLOCODE Country PassiveBorderTransportMeans xs:sequence IdentificationNumber TypeOfIdentification TypeOfMeansOfTransport Nationality	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Place of loading
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF LOADING/UNLOCODE' is not provided,
		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Description	Place of loading
		Occurrence	0 .. 1
Country PassiveBorderTransportMeans xs:sequence IdentificationNumber TypeOfIdentification TypeOfMeansOfTransport Nationality	Country PassiveBorderTransportMeans xs:sequence IdentificationNumber TypeOfIdentification TypeOfMeansOfTransport Nationality	Type	a2
		Pattern	[a-zA-Z]{2}
		Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2
		Description	Country, coded
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF LOADING/UNLOCODE' is not provided,
		Occurrence	0 .. 99
		Occurrence	1 .. 1
		Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
TypeOfIdentification TypeOfMeansOfTransport Nationality	TypeOfIdentification TypeOfMeansOfTransport Nationality	Occurrence	1 .. 1
		Type	n2
		FractionDigits	0
		TotalDigits	2
		Inclusive	0 ..
		Pattern	\d{2}
		Applicable Codes	
		10	IMO Ship Identification Number
		20	Wagon Number
		21	Train Number
TypeOfMeansOfTransport Nationality	TypeOfMeansOfTransport Nationality	30	Registration Number of the Road Vehicle
		31	Registration Number of the Road Trailer
		41	Registration Number of the Aircraft
		80	European Vessel Identification Number (ENI Code)
		Occurrence	1 .. 1
		Type	n..4
		FractionDigits	0
		TotalDigits	4
		Remark	CL751 Type of Means of Transport
		Occurrence	1 .. 1
Nationality	Nationality	Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	CL718: ISO 3166 list of country codes as published in CS/RD2
		Occurrence	1 .. 1

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

Element/Attribute		Annotation	
	NotifyParty	Occurrence	0 .. 1
		Type	PartyType
	<i>xs:sequence</i>	Occurrence	1 .. 1
	Name	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
	IdentificationNumber	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
	Status	Occurrence	0 .. 1
		Type	n1
		FractionDigits	0
		TotalDigits	1
		Inclusive	0 ..
		Pattern	\d{1}
Applicable Codes			
		2	Direct
		3	Indirect
	TypeOfPerson	Occurrence	0 .. 1
		Type	TypeOfPersonType
		Length	1 .. 1
Applicable Codes			
		1	Natural person
		2	Legal person
		3	Association of persons
	Address	Occurrence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
	<i>xs:sequence</i>	Occurrence	1 .. 1
	City	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
	Country	Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
	Subdivision	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
	Street	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
	Number	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
	StreetAdditionalLine	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
	Postcode	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADRESS/Country' in CL733 has a country

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

Element/Attribute	Annotation
PoBox	code with postal code indicator other than 'C'. Occurrence 0 .. 1 Type an..70 Length .. 70
Communication	Occurrence 0 .. 9 Type CommunicationType
xs:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type an..512 Length .. 512 Remark When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$". Description Communication number
Type	Occurrence 1 .. 1 Type CommunicationTypeType Length 1 .. 8 Description Communication number type Applicable Codes EM Electronic mail TE Telephone
SupplementaryDeclarant	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 1 .. 1 Type an..17 Length .. 17
SupplementaryFilingType	Occurrence 1 .. 1 Type SupplementaryFilingTypeType Length 1 .. 8 Applicable Codes 1 House level filing 2 Sub-house level filing
TransportDocument	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number Remark Must not be amended
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded Applicable Codes C625 Rhine Manifest C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 N703 House waybill N704 Master bill of lading N705 Bill of lading N714 House bill of lading N720 Consignment note CIM N722 Road list - SMGS N730 Road consignment note N740 Air waybill N741 Master airwaybill

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

Element/Attribute		Annotation	
		Applicable Codes	
		N750	Movement by post including parcel post
		N760	Multimodal / combined transport document
TransportEquipment		Occurrence	0 .. 9999
		Type	TransportEquipmentType
xs:sequence		Remark	Mandatory, IF 'CONSIGNMENT (Master LEVEL)/ Container indicator' is set to '1',
		Occurrence	1 .. 1
ContainerSizeAndType		Occurrence	0 .. 1
		Type	an..10
		Length	.. 10
		Description	Container size and type identification according to CL710
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51
			Optional for F12, F13
			Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
ContainerPackedStatus		Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	container packed status according to CL709. A=Empty and B=Not empty
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51
			Optional for F12, F13
			Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
ContainerSupplierType		Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	according to CL711; 1 = Shipper supplied and 2 = Carrier supplied
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51
			Optional for F12, F13
			Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
ContainerIdentificationNumber		Occurrence	1 .. 1
		Type	an..17
		Length	.. 17
		Remark	The format of this attribute is ZZZZ9999999 (ISO 6346). For shippers own container please use prefix "XXXX".
NumberOfSeals		Occurrence	0 .. 1
		Type	n..4
		FractionDigits	0
		TotalDigits	4
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ GOODS ITEM/TRANSPORT EQUIPMENT/Number of seals' is used,
Seal		Occurrence	0 .. 99
		Description	Is mandatory if NumberOfSeals is used
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ TRANSPORT EQUIPMENT/Number of seals' is used
xs:sequence		Occurrence	1 .. 1
Identifier		Occurrence	1 .. 1
		Type	an..20
		Length	.. 20
		Description	Seal number
ReferenceNumberUCR		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35

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

Element/Attribute		Annotation	
PlaceOfUnloading		Occurrence	0 .. 1
		Type	LocationType
		Description	Mandatory for F10, F11, F12, F13, F27, F28, F29, F30, F31, F34, F40, F41, F42, F45, F50, F51
xs:sequence		Occurrence	1 .. 1
Location		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Place of discharge
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF UNLOADING/UNLOCODE' is not provided,
UNLOCODE		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Description	Place of discharge
Country		Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
		Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2
		Description	Country, coded
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF UNLOADING/UNLOCODE' is not provided,
ConsignmentHouse		Occurrence	0 .. 99999
		Type	ConsignmentHouseType
xs:sequence		Occurrence	1 .. 1
ContainerIndicator		Occurrence	0 .. 1
		Type	ContainerIndicatorType
		Length	1 .. 8
		Description	Container transport code
Applicable Codes			
0		Goods not transported in containers	
1		Goods transported in containers	
ReceptacleIdentificationNumber		Occurrence	0 .. 999
		Type	an..35
		Length	.. 35
TotalAmountInvoiced		Occurrence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
TotalAmountInvoicedCurrency		Occurrence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
AdditionsAndDeductions		Occurrence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
AdditionsAndDeductionsCurrency		Occurrence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
AdditionalFiscalReferences		Occurrence	0 .. 1
		xs:sequence	Occurrence 1 .. 1
VATIdentificationNumber		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
Role		Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Remark	CL756

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

Element/Attribute		Annotation	
TotalGrossMass		Occurrence	0 .. 1
		Type	n..16.6
PlaceOfAcceptance		FractionDigits	6
		TotalDigits	16
xs:sequence	Location	Occurrence	0 .. 1
		Type	LocationType
UNLOCODE		Description	Mandatory for F10, F11, F13, F14, F15, F20, F22, F26, F27, F28, F29, F31, F33, F34, F50, F51
		Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF ACCEPTANCE/UNLOCODE' is not provided
Country		Occurrence	0 .. 1
		Type	an..17
SupportingDocuments		Length	.. 17
		Description	Place of acceptance, coded
ReferenceNumber		Occurrence	0 .. 1
		Type	a2
Type		Pattern	[a-zA-Z]{2}
		Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2
AdditionalInformation		Description	Country, coded
		Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF ACCEPTANCE/UNLOCODE' is not provided
Code		Occurrence	0 .. 99
		Remark	This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment, it should be provided at CONSIGNMENT level only.
Text		Occurrence	1 .. 1
		Type	an..70
Text		Length	.. 70
		Type	an..4
Text		Length	.. 4
		Remark	CL013 Document type List of document types as published in CS/RD2
Text		Occurrence	0 .. 99
		Type	AdditionalInformationENSType
Text		Remark	When 'ADDITIONAL INFORMATION' class is used, either 'ADDITIONAL INFORMATION/Code' or 'ADDITIONAL INFORMATION/Text' has to be used.
		Occurrence	1 .. 1
Text		Type	AdditionalInformationCodeENSType
		Length	1 .. 17
Text		Description	Additional statement code: CL701
		Applicable Codes	
Text		10600	Consignee Unknown
		10900	ENS lodged together with customs declaration for low value consignments
Text		Occurrence	0 .. 1
		Type	an..512
Text		Length	.. 512

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

Element/Attribute		Annotation	
AdditionalSupplyChainActor xs:sequence IdentificationNumber Role	Description	Additional statement text	
		Occurrence	0 .. 99
		Remark	This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment, it should be provided at CONSIGNMENT level only.
	xs:sequence	Occurrence	1 .. 1
		Occurrence	1 .. 1
		Type	an..17
	IdentificationNumber	Length	.. 17
		Occurrence	1 .. 1
		Type	AdditionalSupplyChainActorRoleType
	Role	Length	1 .. 8
		Applicable Codes	
		CE	Consignee
		CO	Consignor
		CR	Carrier
		CS	Consolidator
		FW	Freight Forwarder
		MF	Manufacturer
		WH	Warehouse Keeper
Carrier xs:sequence IdentificationNumber TypeOfPerson	Carrier	Occurrence	0 .. 1
		Type	PartyType
		xs:sequence	Occurrence 1 .. 1
	IdentificationNumber	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
	TypeOfPerson	Remark	EORI number shall be declared.
		Remark	Must not be amended
		Occurrence	0 .. 1
	TypeOfPerson	Type	TypeOfPersonType
		Length	1 .. 1
		Applicable Codes	
		1	Natural person
		2	Legal person
		3	Association of persons
Consignee xs:sequence Name IdentificationNumber Status	Consignee	Occurrence	0 .. 1
		Type	PartyType
		Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/ ADDITIONAL INFORMATION/Code' is not '10600'
	xs:sequence	Occurrence	1 .. 1
		Occurrence	0 .. 1
		Type	an..70
	Name	Length	.. 70
		Occurrence	0 .. 1
		Type	an..17
	IdentificationNumber	Length	.. 17
		Remark	EORI number shall be declared.
		Description	EORI is mandatory for consignee in EU, if company has an EORI.
	Status	Occurrence	0 .. 1
		Type	n1
		FractionDigits	0
	Status	TotalDigits	1
		Inclusive	0
		Pattern	\d{1}
		Applicable Codes	
		2	Direct
		3	Indirect

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

Element/Attribute		Annotation	
	TypeOfPerson	Occurrence	0 .. 1
		Type	TypeOfPersonType
		Length	1 .. 1
		Applicable Codes	
		1	Natural person
		2	Legal person
		3	Association of persons
	Address	Occurrence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
	xs:sequence	Occurrence	1 .. 1
	City	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
	Country	Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
	Subdivision	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
	Street	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
	Number	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
	StreetAdditionalLine	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
	Postcode	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADDRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
	PoBox	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
	Communication	Occurrence	0 .. 9
		Type	CommunicationType
	xs:sequence	Occurrence	1 .. 1
	Identifier	Occurrence	1 .. 1
		Type	an..512
		Length	.. 512
		Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".
		Description	Communication number
	Type	Occurrence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8

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

Element/Attribute		Annotation	
		Description	Communication number type
		Applicable Codes	
		EM	Electronic mail
		TE	Telephone
	GoodsItem	Occurrence	0 .. 9999
		Type	GoodsItemType
	<i>xs:sequence</i>	Occurrence	1 .. 1
	ItemAmountInvoiced	Occurrence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
	ItemAmountInvoicedCurrency	Occurrence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
	GoodsItemNumber	Occurrence	1 .. 1
		Type	n..5
		FractionDigits	0
		TotalDigits	5
		Remark	Each 'Goods Item Number' must be unique throughout CONSIGNMENT (HOUSE LEVEL). The items shall be numbered in a sequential fashion, starting from '1' for the first item and incrementing the numbering by '1' for each following item.
		Description	Sequence number
		Remark	Must not be amended
	PostalValue	Occurrence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
	PostalValueCurrency	Occurrence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
	TypeOfGoods	Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Remark	CL749: Conditions IF 'CONSIGNMENT (HOUSE LEVEL)/ADDITIONAL INFORMATION/Code' contains value '10900' and 'CONSIGNMENT (HOUSE LEVEL)/ADDITIONAL FISCAL REFERENCES' class is not provided, THEN this class/attribute is M, ELSE it is O.
	SupportingDocuments	Occurrence	0 .. 99
		Remark	This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment, it should be provided at CONSIGNMENT level only.
	<i>xs:sequence</i>	Occurrence	1 .. 1
	ReferenceNumber	Occurrence	1 .. 1
		Type	an..70
		Length	.. 70
		Description	Additional document reference number
	Type	Occurrence	1 .. 1
		Type	an..4
		Length	.. 4
		Description	Additional document type, coded
	AdditionalInformation	Occurrence	0 .. 99
		Type	AdditionalInformationENSType
		Remark	This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment,

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

Element/Attribute	Annotation
Code	it should be provided at CONSIGNMENT level only. Occurrence 1 .. 1 Occurrence 1 .. 1 Type AdditionalInformationCodeENSType Length 1 .. 17 Description Additional statement code: CL701 Applicable Codes 10600 Consignee Unknown 10900 ENS lodged together with customs declaration for low value consignments
Text	Occurrence 0 .. 1 Type an..512 Length .. 512 Description Additional statement text
AdditionalSupplyChainActor	Occurrence 0 .. 99 Remark This class should be provided, if available, either at CONSIGNMENT level or CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM level. Where the same information is applicable to all Goods items in the same Consignment, it should be provided at CONSIGNMENT level only.
IdentificationNumber	Occurrence 1 .. 1 Occurrence 1 .. 1 Type an..17 Length .. 17 Description AEO mutual recognition party, coded
Role	Occurrence 1 .. 1 Type AdditionalSupplyChainActorRoleType Length 1 .. 8 Description Role code Applicable Codes CE Consignee CO Consignor CR Carrier CS Consolidator FW Freight Forwarder MF Manufacturer WH Warehouse Keeper
DescriptionOfGoods	Occurrence 0 .. 1 Type an..512 Length .. 512
CUSCode	Occurrence 0 .. 1 Type an9 Length 9 .. 9 Remark CL719 CUS code As published in ECICS Remark The format of this attribute is 9999999-9.
HarmonizedSystemSubheadingCode	Occurrence 0 .. 1 Type an..6 Length .. 6 Remark Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/CONSIGNOR/Type of person' and 'CONSIGNMENT (HOUSE LEVEL)/CONSIGNEE/Type of person' is '1 (Natural person)',
CombinedNomenclatureCode	Occurrence 0 .. 1 Type an2 Length 2 .. 2
DangerousGoodsUNNumber	Occurrence 0 .. 99 Type an..4 Length .. 4 Description United Nations Dangerous Goods Identifier (UNDG)

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

Element/Attribute		Annotation	
	CountryOfOrigin	Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
	GrossMass	Occurrence	0 .. 1
		Type	n..16.6
		FractionDigits	6
		TotalDigits	16
		Description	Gross weight item level
	Packaging	Occurrence	0 .. 99
	xs:sequence	Occurrence	1 .. 1
	ShippingMarks	Occurrence	0 .. 1
		Type	an..512
		Length	.. 512
		Remark	Mandatory, IF 'CONSGINMENT (HOUSE LEVEL)/ GOODS ITEM/PACKAGING/Type of packages' is not 'VQ', 'VG', 'VL', 'VY', 'VR', 'VS', 'VO', 'NE', 'NF', 'NG',
	NumberOfPackages	Occurrence	0 .. 1
		Type	n..8
		FractionDigits	0
		TotalDigits	8
		Remark	Mandatory, IF 'CONSGINMENT (HOUSE LEVEL)/ GOODS ITEM/PACKAGING/Type of packages' is not 'VQ', 'VG', 'VL', 'VY', 'VR', 'VS', 'VO', 'NE', 'NF', 'NG',
	TypeOfPackages	Occurrence	0 .. 1
		Type	an2
		Length	2 .. 2
		Remark	CL017 Package type UNECE recommendation 21 code list as published in CS/RD2
		Description	Type of packages identification, coded
	PassiveBorderTransportMeans	Occurrence	0 .. 99
	xs:sequence	Occurrence	1 .. 1
	IdentificationNumber	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	Identification of passive transport means, coded
	TypeOfIdentification	Occurrence	1 .. 1
		Type	TypeOfIdentificationType
		Length	1 .. 8
		Description	Type of identification of passive transport means, coded
		Applicable Codes	
		10	IMO Ship Identification Number
		20	Wagon Number
		21	Train Number
		30	Registration Number of the Road Vehicle
		31	Registration Number of the Road Trailer
		41	Registration Number of the Aircraft
		80	European Vessel Identification Number (ENI Code)
	TypeOfMeansOfTransport	Occurrence	1 .. 1
		Type	n..4
		FractionDigits	0
		TotalDigits	4
		Remark	CL751 Type of Means of Transport
	Nationality	Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
		Description	Nationality of passive means of transport, coded
	TransportEquipment	Occurrence	0 .. 9999
		Type	TransportEquipmentType
	xs:sequence	Occurrence	1 .. 1

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Element/Attribute		Annotation	
	ContainerSizeAndType	Occurrence	0 .. 1
		Type	an..10
		Length	.. 10
		Description	Container size and type identification according to CL710
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerPackedStatus	Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	container packed status according to CL709. A=Empty and B=Not empty
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerSupplierType	Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	according to CL711; 1 = Shipper supplied and 2 = Carrier supplied
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerIdentificationNumber	Occurrence	1 .. 1
		Type	an..17
		Length	.. 17
		Remark	The format of this attribute is ZZZZ99999999 (ISO 6346). For shippers own container please use prefix "XXXX".
	NumberOfSeals	Occurrence	0 .. 1
		Type	n..4
		FractionDigits	0
		TotalDigits	4
	Seal	Occurrence	0 .. 99
		Description	Is mandatory if NumberOfSeals is used
	xs:sequence	Occurrence	1 .. 1
	Identifier	Occurrence	1 .. 1
		Type	an..20
		Length	.. 20
		Description	Seal number
	Consignor	Occurrence	0 .. 1
		Type	PartyType
	xs:sequence	Occurrence	1 .. 1
	Name	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
	IdentificationNumber	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
	Status	Occurrence	0 .. 1
		Type	n1
		FractionDigits	0
		TotalDigits	1
		Inclusive	0
		Pattern	..
			\d{1}

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

Element/Attribute		Annotation	
		Applicable Codes	
		2	Direct
		3	Indirect
TypeOfPerson		Occurence	0 .. 1
		Type	TypeOfPersonType
		Length	1 .. 1
		Applicable Codes	
		1	Natural person
		2	Legal person
		3	Association of persons
Address		Occurence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
xs:sequence		Occurence	1 .. 1
City		Occurence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
Country		Occurence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
Subdivision		Description	Country, coded
		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
Street		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
Number		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
StreetAdditionalLine		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
Postcode		Occurence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
PoBox		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
Communication		Occurence	0 .. 9
		Type	CommunicationType
xs:sequence		Occurence	1 .. 1
Identifier		Occurence	1 .. 1
		Type	an..512
		Length	.. 512
		Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".
		Description	Communication number

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

Element/Attribute	Annotation
└ Type	Occurrence 1 .. 1 Type CommunicationTypeType Length 1 .. 8 Description Communication number type Applicable Codes EM Electronic mail TE Telephone
└ PostalCharges	Occurrence 0 .. 1 Type n..16.2 FractionDigits 2 TotalDigits 16
└ PostalChargesCurrency	Occurrence 0 .. 1 Type a3 Pattern [a-zA-Z]{3}
└ TransportChargesMethodOfPayment	Occurrence 0 .. 1 Type TransportChargesMethodOfPaymentType Length 1 .. 8 Description Transport charges method of payment, coded Applicable Codes A Payment in cash B Payment by credit card C Payment by cheque D Other (e.g. direct debit to cash account) H Electronic funds transfer Y Account holder with carrier Z Not pre-paid
└ PlaceOfDelivery	Occurrence 0 .. 1 Type LocationType Description Mandatory for F10, F11, F13, F14, F15, F20, F22, F26, F27, F28, F29, F31, F33, F34, F50, F51
└ xs:sequence	Occurrence 1 .. 1
└ Location	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Goods receipt place Remark IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF DELIVERY/UNLOCODE' is not provided, THEN this attribute/class is M, ELSE it is not used. Remark Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF DELIVERY/UNLOCODE' is not provided
└ UNLOCODE	Occurrence 0 .. 1 Type an..17 Length .. 17 Description Goods receipt place, coded
└ Country	Occurrence 0 .. 1 Type a2 Pattern [a-zA-Z]{2} Remark CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2 Description Country, coded Remark Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF DELIVERY/UNLOCODE' is not provided
└ CountriesOfRoutingOfConsignment	Occurrence 0 .. 99
└ xs:sequence	Occurrence 1 .. 1
└ SequenceNumber	Occurrence 1 .. 1 Type n..2 FractionDigits 0 TotalDigits 2

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

Element/Attribute		Annotation	
Country NotifyParty xs:sequence Name IdentificationNumber Status TypeOfPerson Address xs:sequence City Country Subdivision Street Number	Country	Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	CL718: ISO 3166 list of country codes as published in CS/RD2
	NotifyParty	Occurrence	0 .. 1
		Type	PartyType
	xs:sequence	Occurrence	1 .. 1
	Name	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Notify party
	IdentificationNumber	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
	Status	Description	Notify party, coded
		Occurrence	0 .. 1
		Type	n1
		FractionDigits	0
		TotalDigits	1
		Inclusive	0 ..
		Pattern	\d{1}
	Applicable Codes		
	2		Direct
	3		Indirect
	TypeOfPerson	Occurrence	0 .. 1
		Type	TypeOfPersonType
		Length	1 .. 1
		Applicable Codes	
	1		Natural person
	2		Legal person
	3		Association of persons
	Address	Occurrence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
	xs:sequence	Occurrence	1 .. 1
	City	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
	Country	Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
	Subdivision	Description	Country, coded
		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
	Street	Description	Country sub-entity name
		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
	Number	Description	Street and number/P.O. Box
		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35

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

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Element/Attribute		Annotation	
	Country	Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
	Subdivision	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
	Street	Occurrence	0 .. 1
	Type	an..70	
	Length	.. 70	
	Description	Street and number/P.O. Box	
Number	Occurrence	0 .. 1	
	Type	an..35	
	Length	.. 35	
StreetAdditionalLine	Occurrence	0 .. 1	
	Type	an..70	
	Length	.. 70	
	Description	Postcode identification	
Postcode	Occurrence	0 .. 1	
	Type	an..17	
	Length	.. 17	
	Remark	Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.	
PoBox	Occurrence	0 .. 1	
	Type	an..70	
	Length	.. 70	
Communication	Occurrence	0 .. 9	
	Type	CommunicationType	
xs:sequence	Occurrence	1 .. 1	
Identifier	Occurrence	1 .. 1	
	Type	an..512	
	Length	.. 512	
	Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".	
	Description	Communication number	
Type	Occurrence	1 .. 1	
	Type	CommunicationTypeType	
	Length	1 .. 8	
	Description	Communication number type	
Applicable Codes			
	EM	Electronic mail	
	TE	Telephone	
Seller	Occurrence	0 .. 1	
	Type	PartyType	
xs:sequence	Occurrence	1 .. 1	
Name	Occurrence	0 .. 1	
	Type	an..70	
	Length	.. 70	
	Description	Seller - name	
IdentificationNumber	Occurrence	0 .. 1	
	Type	an..17	
	Length	.. 17	
	Remark	EORI number shall be declared.	
	Description	Seller, coded	

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

Element/Attribute		Annotation	
	TypeOfPerson	Occurrence	0 .. 1
		Type	TypeOfPersonType
		Length	1 .. 1
		Applicable Codes	
		1	Natural person
		2	Legal person
		3	Association of persons
	Address	Occurrence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
	xs:sequence	Occurrence	1 .. 1
	City	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
	Country	Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
	Subdivision	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
	Street	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
	Number	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
	StreetAdditionalLine	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
	Postcode	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADDRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
	PoBox	Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
	Communication	Occurrence	0 .. 9
		Type	CommunicationType
	xs:sequence	Occurrence	1 .. 1
	Identifier	Occurrence	1 .. 1
		Type	an..512
		Length	.. 512
		Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".
		Description	Communication number
	Type	Occurrence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8

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

Element/Attribute	Annotation
	Description Communication number type
	Applicable Codes
	EM Electronic mail
	TE Telephone
SupplementaryDeclarant	Occurrence 0 .. 99
<i>xs:sequence</i>	Occurrence 1 .. 1
IdentificationNumber	Occurrence 1 .. 1
	Type an..17
	Length .. 17
SupplementaryFilingType	Occurrence 1 .. 1
	Type SupplementaryFilingTypeType
	Length 1 .. 8
	Applicable Codes
	1 House level-filing
	2 Sub-house level filing
PassiveBorderTransportMeans	Occurrence 0 .. 99
<i>xs:sequence</i>	Occurrence 1 .. 1
IdentificationNumber	Occurrence 1 .. 1
	Type an..35
	Length .. 35
	Description Identification of passive transport means, coded
TypeOfIdentification	Occurrence 1 .. 1
	Type n2
	FractionDigits 0
	TotalDigits 2
	Inclusive 0 ..
	Pattern \d{2}
	Description Type of identification of passive transport means, coded
	Applicable Codes
	10 IMO Ship Identification Number
	20 Wagon Number
	21 Train Number
	30 Registration Number of the Road Vehicle
	31 Registration Number of the Road Trailer
	41 Registration Number of the Aircraft
	80 European Vessel Identification Number (ENI Code)
TypeOfMeansOfTransport	Occurrence 1 .. 1
	Type n..4
	FractionDigits 0
	TotalDigits 4
	Applicable Codes
	1 Maritime Transport
	2 Rail Transport
	3 Road Transport
	4 Air Transport
	5 Mail (Active Mode of Transport Unknown)
	7 Fixed Transport Installation
	8 Inland Waterway Transport
	9 Mode Unknown (i.e. Own Propulsion)
Nationality	Occurrence 0 .. 1
	Type CountryCodeType
	Length .. 2
	Pattern [A-Z]{2}
	Description Nationality of passive means of transport, coded
TransportDocumentHouse	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1
	Type an..70
	Length .. 70
	Remark Must not be amended

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

Element/Attribute	Annotation
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Applicable Codes C625 Rhine Manifest C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 N703 House waybill N704 Master bill of lading N705 Bill of lading N714 House bill of lading N720 Consignment note CIM N722 Road list - SMGS N730 Road consignment note N740 Air waybill N741 Master airwaybill N750 Movement by post including parcel post N760 Multimodal / combined transport document
TransportDocumentMaster	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Remark Must not be amended
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Applicable Codes C625 Rhine Manifest C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 N703 House waybill N704 Master bill of lading N705 Bill of lading N714 House bill of lading N720 Consignment note CIM N722 Road list - SMGS N730 Road consignment note N740 Air waybill N741 Master airwaybill N750 Movement by post including parcel post N760 Multimodal / combined transport document
TransportEquipment	Occurrence 0 .. 9999 Type TransportEquipmentType Remark Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/ Container indicator' is set to '1',
xs:sequence	Occurrence 1 .. 1
ContainerSizeAndType	Occurrence 0 .. 1 Type an..10 Length .. 10 Description Container size and type identification according to CL710 Description Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45

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

Element/Attribute		Annotation	
	ContainerPackedStatus	Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	container packed status according to CL709. A=Empty and B=Not empty
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerSupplierType	Occurrence	0 .. 1
		Type	an..3
		Length	.. 3
		Description	according to CL711; 1 = Shipper supplied and 2 = Carrier supplied
		Description	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51 Optional for F12, F13 Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
	ContainerIdentificationNumber	Occurrence	1 .. 1
		Type	an..17
		Length	.. 17
		Remark	The format of this attribute is ZZZZ9999999 (ISO 6346). For shippers own container please use prefix "XXXX".
	NumberOfSeals	Occurrence	0 .. 1
		Type	n..4
		FractionDigits	0
		TotalDigits	4
		Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM/TRANSPORT EQUIPMENT/Number of seals' is used,
	Seal	Occurrence	0 .. 99
		Description	Is mandatory if NumberOfSeals is used
		Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/GOODS ITEM/TRANSPORT EQUIPMENT/Number of seals' is used,
	xs:sequence	Occurrence	1 .. 1
	Identifier	Occurrence	1 .. 1
		Type	an..20
		Length	.. 20
		Description	Seal number
	ReferenceNumberUCR	Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Trader reference
	Declarant	Occurrence	1 .. 1
		Type	PartyType
	xs:sequence	Occurrence	1 .. 1
	Name	Occurrence	1 .. 1
		Type	an..70
		Length	.. 70
		Description	Declarant name
	IdentificationNumber	Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Declarant, coded
		Remark	Must not be amended

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

Element/Attribute		Annotation	
TypeOfPerson		Occurrence	0 .. 1
		Type	TypeOfPersonType
		Length	1 .. 1
		Applicable Codes	
		1	Natural person
		2	Legal person
		3	Association of persons
Address		Occurrence	1 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
xs:sequence		Occurrence	1 .. 1
City		Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
Country		Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
Subdivision		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
Street		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
Number		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
StreetAdditionalLine		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
Postcode		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADDRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
PoBox		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
Communication		Occurrence	1 .. 9
		Type	CommunicationType
xs:sequence		Occurrence	1 .. 1
Identifier		Occurrence	1 .. 1
		Type	an..512
		Length	.. 512
		Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$".
		Description	Communication number
Type		Occurrence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8

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

Element/Attribute	Annotation
	Description Communication number type
	Applicable Codes
	EM Electronic mail
	TE Telephone
CustomsOfficeOfFirstEntry	Occurrence 0 .. 1
	Type an8
	Length 8 .. 8
	Description Office of entry, coded
	Remark Must not be amended
HRCMScreeningResults	Occurrence 0 .. 99
<i>xs:sequence</i>	Occurrence 1 .. 1
Result	Occurrence 1 .. 1
	Type an..3
	Length .. 3
	Applicable Codes
	1
	2
ScreeningMethod	Occurrence 2 .. 9
	Type an..3
	Length .. 3
	Applicable Codes
	AOM Any other method
	CMD Metal detection equipment
	EDD Explosive detection dogs
	EDS EDS equipment
	ETD ETD equipment
	PHS Hand search
	VCK Visual check
	XRY X-ray equipment
	ZZZ Only one HRCM screening method required
AdditionalInformation	Occurrence 0 .. 99
<i>xs:sequence</i>	Occurrence 1 .. 1
Code	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Description Additional statement code
Text	Occurrence 0 .. 1
	Type an..512
	Length .. 512
	Description Additional statement text
Type	Occurrence 0 .. 1
	Type an..3
	Length .. 3
	Description Additional statement type
AuthorizedPerson	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
Name	Occurrence 1 .. 1
	Type an..70
	Length .. 70
IdentificationNumber	Occurrence 1 .. 1
	Type an..17
	Length .. 17
	Description Authorised person, coded
TypeOfPerson	Occurrence 1 .. 1
	Type TypeOfPersonType
	Length 1 .. 1
	Applicable Codes
	1 Natural person
	2 Legal person
	3 Association of persons

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

Element/Attribute		Annotation	
BinaryFile xs:sequence Identification Filename MIME Description FileContent FacilityAddress xs:sequence City Country Subdivision Street Number StreetAdditionalLine Postcode PoBox TransportDocument xs:sequence		Occurrence	0 .. 9
		Occurrence	1 .. 1
		Occurrence	1 .. 1
		Type	an..256
		Length	.. 256
		Description	Binary File Identifier
		Occurrence	1 .. 1
		Type	an..256
		Length	.. 256
		Description	Binary File Name
		Occurrence	1 .. 1
		Type	an..70
		Length	.. 70
		Description	Binary File MIME, coded
		Occurrence	0 .. 1
		Type	an..256
		Length	.. 256
		Description	Binary File Description
		Occurrence	0 .. 1
		Type	xs:base64Binary
		Occurrence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
		Occurrence	1 .. 1
		Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
		Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Occurrence	0 .. 1
		Occurrence	1 .. 1

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

Element/Attribute	Annotation																																										
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number																																										
Type	Occurrence 1 .. 1 Type an4 Length 4 .. 4 Description Transport document type, coded Applicable Codes <table> <tr><td>C625</td><td>Rhine Manifest</td></tr> <tr><td>C664</td><td>CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93</td></tr> <tr><td>C665</td><td>CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93</td></tr> <tr><td>N703</td><td>House waybill</td></tr> <tr><td>N704</td><td>Master bill of lading</td></tr> <tr><td>N705</td><td>Bill of lading</td></tr> <tr><td>N714</td><td>House bill of lading</td></tr> <tr><td>N720</td><td>Consignment note CIM</td></tr> <tr><td>N722</td><td>Road list - SMGS</td></tr> <tr><td>N730</td><td>Road consignment note</td></tr> <tr><td>N740</td><td>Air waybill</td></tr> <tr><td>N741</td><td>Master airwaybill</td></tr> <tr><td>N750</td><td>Movement by post including parcel post</td></tr> <tr><td>N760</td><td>Multimodal / combined transport document</td></tr> </table>	C625	Rhine Manifest	C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93	C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93	N703	House waybill	N704	Master bill of lading	N705	Bill of lading	N714	House bill of lading	N720	Consignment note CIM	N722	Road list - SMGS	N730	Road consignment note	N740	Air waybill	N741	Master airwaybill	N750	Movement by post including parcel post	N760	Multimodal / combined transport document														
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Response	Occurrence 0 .. 1 Type ResponseType																																										
xs:sequence	Occurrence 1 .. 1																																										
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ResponseOrigin	Occurrence 0 .. 1 Type ResponseOriginType Length 1 .. 17 Applicable Codes <table> <tr><td>DAK</td><td>Message originated from DAKOSY</td></tr> <tr><td>OTH</td><td>Message originated from other sources</td></tr> <tr><td>STI</td><td>Message originated from STI</td></tr> </table>	DAK	Message originated from DAKOSY	OTH	Message originated from other sources	STI	Message originated from STI																																				
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STI	Message originated from STI																																										

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

Element/Attribute	Annotation
FunctionalReference	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Functional reference number
Date	Occurrence 0 .. 2 Type DateType
<i>xs:sequence</i>	Occurrence 1 .. 1
Date	Occurrence 1 .. 1 Type xs:dateTime
DateType	Occurrence 1 .. 1 Type DateTypeType
Applicable Codes	
Completion	
DocumentIssue	
Notification	
Registration	
ScheduledControl	
LRN	Occurrence 0 .. 1 Type an..22 Length .. 22 Description Functional reference number
MRN	Occurrence 0 .. 1 Type an..18 Length .. 18
MemberState	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
Country	Occurrence 1 .. 1 Type a2 Pattern [a-zA-Z]{2}
Type	Occurrence 1 .. 1 Type MemberStateTypeType Length 1 .. 15
Applicable Codes	
ADDRESSED	
RESPONSIBLE	
CustomsOffice	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an8 Length 8 .. 8 Remark Customs office list (COL as published in CS/RD2)
Type	Occurrence 1 .. 1 Type CustomsOfficeTypeType Length 1 .. 15
Applicable Codes	
CONTROL	
FIRST ENTRY	
Representative	Occurrence 0 .. 1 Type PartyType
<i>xs:sequence</i>	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Agent, coded
TypeOfPerson	Occurrence 0 .. 1 Type TypeOfPersonType Length 1 .. 1
Applicable Codes	
1	Natural person

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

Element/Attribute		Annotation	
		Applicable Codes	
		2	Legal person
		3	Association of persons
Carrier		Occurrence	0 .. 1
		Type	PartyType
<i>xs:sequence</i>		Occurrence	1 .. 1
IdentificationNumber		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Carrier identification
Declarant		Occurrence	0 .. 1
		Type	PartyType
<i>xs:sequence</i>		Occurrence	1 .. 1
IdentificationNumber		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Declarant, coded
SupplementaryDeclarant		Occurrence	0 .. 99999
		Type	PartyType
<i>xs:sequence</i>		Occurrence	1 .. 1
IdentificationNumber		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Supplementary declarant, coded
NotifyParty		Occurrence	0 .. 1
		Type	PartyType
<i>xs:sequence</i>		Occurrence	1 .. 1
IdentificationNumber		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Agent, coded
PersonNotifyingTheArrival		Occurrence	0 .. 1
		Type	PartyType
<i>xs:sequence</i>		Occurrence	1 .. 1
IdentificationNumber		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Submitter, coded
ReceptacleIdentificationNumber		Occurrence	0 .. 999
		Type	an..35
		Length	.. 35
TransportDocument		Occurrence	0 .. 1
<i>xs:sequence</i>		Occurrence	1 .. 1
ReferenceNumber		Occurrence	1 .. 1
		Type	an..70
		Length	.. 70
		Description	Transport document number
Type		Occurrence	1 .. 1
		Type	TransportDocumentTypeType
		Length	1 .. 8
		Description	Transport document type, coded
		Applicable Codes	
		C625	Rhine Manifest
		C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93

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

Element/Attribute	Annotation
Applicable Codes	
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS
N730	Road consignment note
N740	Air waybill
N741	Master airwaybill
N750	Movement by post including parcel post
N760	Multimodal / combined transport document
TransportDocumentHouse	Occurrence 0 .. 99999
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1
	Type an..70
	Length .. 70
	Description Transport document number
Type	Occurrence 1 .. 1
	Type TransportDocumentTypeType
	Length 1 .. 8
	Description Transport document type, coded
Applicable Codes	
C625	Rhine Manifest
C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS
N730	Road consignment note
N740	Air waybill
N741	Master airwaybill
N750	Movement by post including parcel post
N760	Multimodal / combined transport document
ContainerNumber	Occurrence 0 .. 9999
	Type an..17
	Length .. 17
Error	Occurrence 0 .. 99999
<i>xs:sequence</i>	Occurrence 1 .. 1
TechnicalErrorMessage	Occurrence 0 .. 1
	Type an..1024
	Length .. 1024
Description	Occurrence 0 .. 1
	Type an..512
	Length .. 512
	Description Error description
ValidationCode	Occurrence 1 .. 1
	Type n..8
	FractionDigits 0
	TotalDigits 8
	Remark Error, coded
Applicable Codes	
000	Accepted
12	Incorrect (code) value

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

Element/Attribute	Annotation
Applicable Codes	
13	Missing
14	Value not supported in this position (code value constraint)
15	Not supported in this position
19	Invalid decimal notation
26	Duplicate detected
35	Too many repetitions
37	Invalid type characters
38	Missing digit in front of decimal sign
39	Element too long (length constraint)
40	Element too short (length constraint)
70	Invalid Means of Transport Identification Number
71	House consignment in a wrong state
72	ENS filing in a wrong state
80	Unknown Transport Document Reference
81	Duplicate Transport Document Reference
90	Unknown MRN
91	Duplicate MRN
92	Message out of sequence
93	Invalid MRN
94	Duplicate LRN
95	Uniqueness Error
96	Incorrect entity reference
97	Not found
98	Unknown reference
100	Not satisfactory data quality
101	It is not possible to add new goods items or house consignments via an ENS filing amendment
102	Not allowed Unicode character
103	The date and time of arrival cannot be earlier than the date and time of departure
MessageElementPath	Occurrence 0 .. 1 Type an..512 Length .. 512
ENSEntity	Occurrence 0 .. 99999
<i>xs:sequence</i>	Occurrence 1 .. 1
Type	Occurrence 1 .. 1 Type ENSEntityTypeType Length 1 .. 8
Applicable Codes	
AMN	Amendment
ARN	Arrival notification
CGS	Goods shipment
CHL	Consignment (House level)
CML	Master consignment
CPL	PLACI house consignment
ENF	ENS filing
ENS	ENS
INR	Invalidation request
SCE	HRCM screening result
Identification	Occurrence 1 .. 1 Type an..70 Length .. 70
State	Occurrence 1 .. 1 Type ENSEntityStateType Length 1 .. 8
Applicable Codes	
01	Registered
02	Rejected
03	Accepted

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

Element/Attribute	Annotation
Applicable Codes	
04	Pending linking
05	Linked
06	Pending association
07	Associated
09	Invalidated
10	Pending completeness
11	Complete
12	Considered complete for full risk analysis
19	Arrived
21	Presented
26	STI internal test code
27	Assessment completed
30	Expired
31	Open
Control	Occurrence 0 .. 99999
<i>xs:sequence</i>	Occurrence 1 .. 1
ExaminationPlace	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
PlaceOfExamination	Occurrence 0 .. 1
	Type an..256
	Length .. 256
	Description Place of physical examination
ReferenceNumber	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Description Place of physical examination, coded
ConsignmentMaster	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
ReceptacleIdentificationNumber	Occurrence 0 .. 999
	Type an..35
	Length .. 35
GoodsItem	Occurrence 0 .. 9999
<i>xs:sequence</i>	Occurrence 1 .. 1
GoodsItemNumber	Occurrence 1 .. 1
	Type n..5
	FractionDigits 0
	TotalDigits 5
	Description Sequence number
Packaging	Occurrence 0 .. 99
<i>xs:sequence</i>	Occurrence 1 .. 1
ShippingMarks	Occurrence 0 .. 1
	Type an..512
	Length .. 512
TypeOfPackages	Occurrence 1 .. 1
	Type an2
	Length 2 .. 2
	Remark CL017 Package type
	UN/ECE recommendation 21 code list as published in
	CS/RD2
	Description Type of packages identification, coded
ContainerIdentificationNumber	Occurrence 0 .. 9999
	Type an..17
	Length .. 17
	Description Equipment identification number
ConsignmentHouse	Occurrence 0 .. 99999
<i>xs:sequence</i>	Occurrence 1 .. 1
GoodsItem	Occurrence 0 .. 9999
<i>xs:sequence</i>	Occurrence 1 .. 1

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

Element/Attribute		Annotation	
	GoodsItemNumber	Occurrence	1 .. 1
		Type	n..5
		FractionDigits	0
		TotalDigits	5
	Packaging	Description	Sequence number
		Occurrence	0 .. 99
		xs:sequence	Occurrence 1 .. 1
		ShippingMarks	Occurrence 0 .. 1
	TypeOfPackages	Type	an..512
		Length	.. 512
		Occurrence	1 .. 1
		Type	an2
	PassiveBorderTransportMeans	Length	2 .. 2
		Remark	CL017 Package type UN/ECE recommendation 21 code list as published in CS/RD2
		Description	Type of packages identification, coded
		Occurrence	0 .. 99
	IdentificationNumber	xs:sequence	Occurrence 1 .. 1
		Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
	TypeOfIdentification	Description	Identification of passive transport means, coded
		Occurrence	1 .. 1
		Type	TypeOfIdentificationType
		Length	1 .. 8
	Nationality	Description	Type of identification of passive transport means, coded
		Applicable Codes	
		10	IMO Ship Identification Number
		20	Wagon Number
	ContainerIdentificationNumber	21	Train Number
		30	Registration Number of the Road Vehicle
		31	Registration Number of the Road Trailer
		41	Registration Number of the Aircraft
	PassiveBorderTransportMeans	80	European Vessel Identification Number (ENI Code)
		Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
	TypeOfIdentification	Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2
		Description	Nationality of passive means of transport, coded
		Occurrence	0 .. 9999
		Type	an..17
	IdentificationNumber	Length	.. 17
		Description	Equipment identification number
		Occurrence	0 .. 99
		xs:sequence	Occurrence 1 .. 1
	TypeOfIdentification	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	Identification of passive transport means, coded
	Nationality	Occurrence	1 .. 1
		Type	TypeOfIdentificationType
		Length	1 .. 8
		Description	Type of identification of passive transport means, coded
	ContainerIdentificationNumber	Applicable Codes	
		10	IMO Ship Identification Number
		20	Wagon Number
		21	Train Number
	TypeOfIdentification	30	Registration Number of the Road Vehicle

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

Element/Attribute		Annotation
		Applicable Codes
		31 Registration Number of the Road Trailer
		41 Registration Number of the Aircraft
		80 European Vessel Identification Number (ENI Code)
Nationality	Occurrence	0 .. 1
	Type	a2
	Pattern	[a-zA-Z]{2}
	Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2
	Description	Nationality of passive means of transport, coded
TransportDocumentNumber	Occurrence	0 .. 1
	Type	an..70
	Length	.. 70
TransportDocumentType	Occurrence	0 .. 1
	Type	TransportDocumentTypeType
	Length	1 .. 8
	Description	Transport document type, coded
	Applicable Codes	
	C625	Rhine Manifest
	C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	N703	House waybill
	N704	Master bill of lading
	N705	Bill of lading
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	N730	Road consignment note
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	N741	Master airwaybill
	N750	Movement by post including parcel post
	N760	Multimodal / combined transport document
ContainerIdentificationNumber	Occurrence	0 .. 9999
	Type	an..17
	Length	.. 17
	Description	Equipment identification number
Packaging	Occurrence	0 .. 99
xs:sequence	Occurrence	1 .. 1
ShippingMarks	Occurrence	0 .. 1
	Type	an..512
	Length	.. 512
TypeOfPackages	Occurrence	1 .. 1
	Type	an2
	Length	2 .. 2
	Remark	CL017 Package type UN/ECE recommendation 21 code list as published in CS/RD2
	Description	Type of packages identification, coded
ContainerIdentificationNumber	Occurrence	0 .. 9999
	Type	an..17
	Length	.. 17
	Description	Equipment identification number
AssessmentComplete	Occurrence	0 .. 1
xs:sequence	Occurrence	1 .. 1
ReceptacleIdentificationNumber	Occurrence	0 .. 999
	Type	an..35
	Length	.. 35
TransportDocument	Occurrence	0 .. 99999

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

Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
DocumentNumber	Occurrence 1 .. 1 Type an..70 Length .. 70
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded
Applicable Codes	
C625	Rhine Manifest
C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS
N730	Road consignment note
N740	Air waybill
N741	Master airwaybill
N750	Movement by post including parcel post
N760	Multimodal / combined transport document
ContainerIdentificationNumber	Occurrence 0 .. 9999 Type an..17 Length .. 17 Description Equipment identification number
DoNotLoadDetails	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
ReceptacleIdentificationNumber	Occurrence 0 .. 999 Type an..35 Length .. 35
TransportDocument	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
DocumentNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded
Applicable Codes	
C625	Rhine Manifest
C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS
N730	Road consignment note
N740	Air waybill
N741	Master airwaybill
N750	Movement by post including parcel post
N760	Multimodal / combined transport document

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

Element/Attribute	Annotation
ContainerIdentificationNumber	Occurrence 0 .. 9999 Type an..17 Length .. 17 Description Equipment identification number
ReferralRequestDetails	Occurrence 0 .. 999
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferralRequestReference	Occurrence 0 .. 1 Type an..17 Length .. 17
RequestType	Occurrence 0 .. 1 Type ReferralRequestTypeType Length 1 .. 8 Applicable Codes
	AMD Request to amend ENS filing RFI Request for information RFS Request for HRCM screening
TransportDocumentMaster	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded Applicable Codes
	C625 Rhine Manifest C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 N703 House waybill N704 Master bill of lading N705 Bill of lading N714 House bill of lading N720 Consignment note CIM N722 Road list - SMGS N730 Road consignment note N740 Air waybill N741 Master airwaybill N750 Movement by post including parcel post N760 Multimodal / combined transport document
TransportDocumentHouse	Occurrence 0 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded Applicable Codes
	C625 Rhine Manifest C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 N703 House waybill

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

Element/Attribute	Annotation
	Applicable Codes
	N704 Master bill of lading
	N705 Bill of lading
	N714 House bill of lading
	N720 Consignment note CIM
	N722 Road list - SMGS
	N730 Road consignment note
	N740 Air waybill
	N741 Master airwaybill
	N750 Movement by post including parcel post
	N760 Multimodal / combined transport document
SupportingDocuments	Occurrence 0 .. 99
xs:sequence	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1
	Type an..70
	Length .. 70
Type	Occurrence 1 .. 1
	Type an..4
	Length .. 4
	Remark CL013 Document type List of document types as published in CS/RD2
	Applicable Codes
	C624 Form 302
	C625 Rhine Manifest
	C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	N703 House waybill
	N704 Master bill of lading
	N705 Bill of lading
	N714 House bill of lading
	N720 Consignment note CIM
	N722 Road list - SMGS
	N730 Road consignment note
	N740 Air waybill
	N741 Master airwaybill
	N750 Movement by post including parcel post
	N760 Multimodal / combined transport document
AdditionalInformation	Occurrence 0 .. 99
xs:sequence	Occurrence 1 .. 1
Code	Occurrence 0 .. 1
	Type AdditionalInformationCodeResponseType
	Length 1 .. 17
	Remark See CL752 for appropriate values
Text	Occurrence 0 .. 1
	Type an..512
	Length .. 512
Type	Occurrence 0 .. 1
	Type xs:string
MessageElementPath	Occurrence 0 .. 1
	Type an..512
	Length .. 512
RecommendedHRCMScreeningMethod	Occurrence 0 .. 9
	Type an..3
	Length .. 3
	Description values of CL724 are possible
ArrivalNotification	Occurrence 0 .. 1
xs:sequence	Type ArrivalNotificationType
	Occurrence 1 .. 1

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

Element/Attribute	Annotation
LRN	Occurrence 1 .. 1 Type an..22 Length .. 22 Remark This attribute has to be unique as per Declarant (DECLARANT/Identification number).
Date	Occurrence 1 .. 1 Type DateType Description Document issuing date
xs:sequence	Occurrence 1 .. 1
Date	Occurrence 1 .. 1 Type xs:dateTime
DateType	Occurrence 1 .. 1 Type DateTypeType Applicable Codes Completion DocumentIssue Notification Registration ScheduledControl
NotifyParty	Occurrence 0 .. 9 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Agent, coded
Communication	Occurrence 1 .. 9 Type CommunicationType
xs:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type an..512 Length .. 512 Remark When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$". Description Communication number
Type	Occurrence 1 .. 1 Type CommunicationTypeType Length 1 .. 8 Description Communication number type Applicable Codes EM Electronic mail TE Telephone
ActiveBorderTransportMeans	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..35 Length .. 35 Description Identification of means of transport crossing the border, coded Remark IF 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is set to '1' or '8', THEN this data attribute is M, ELSE it is not used.

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

Element/Attribute	Annotation
TypeOfIdentification	Occurrence 0 .. 1 Type TypeOfIdentificationType Length 1 .. 8 Remark IF 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is set to '1' or '8', THEN this data attribute is M, ELSE it is not used. Remark When 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is '1' the value of this attribute must be '10'. Remark When 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is '8' the value of this attribute must be '80'. Description Type of identification of means of transport crossing the border, coded Applicable Codes 10 IMO Ship Identification Number 20 Wagon Number 21 Train Number 30 Registration Number of the Road Vehicle 31 Registration Number of the Road Trailer 41 Registration Number of the Aircraft 80 European Vessel Identification Number (ENI Code)
ModeOfTransport	Occurrence 1 .. 1 Type ModeOfTransportType Description Mode of transport crossing the border, coded Applicable Codes 1 Maritime Transport 2 Rail Transport 3 Road Transport 4 Air Transport 8 Inland Waterway Transport
ActualDateAndTimeOfArrival	Occurrence 1 .. 1 Type xs:dateTime
EstimatedDateAndTimeOfArrival	Occurrence 0 .. 1 Type xs:dateTime Remark At least one of the following shall be provided: 'ACTIVE BORDER TRANSPORT MEANS/Estimated date and time of arrival' or 'MRN'.
EstimatedDateAndTimeOfDeparture	Occurrence 0 .. 1 Type xs:dateTime Description Not necessary for arrival notification. ETD is for additional information.
ConveyanceReferenceNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark IF 'ACTIVE BORDER TRANSPORT MEANS/Mode of transport' is set to '4', THEN this data attribute is M, ELSE it is not used
TransportDocument	Occurrence 0 .. 9999 Remark If the 'TRANSPORT DOCUMENT' is used, then the 'MRN' cannot be used.
xs:sequence	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded Applicable Codes C625 Rhine Manifest

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

Element/Attribute	Annotation
Applicable Codes	
C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS
N730	Road consignment note
N740	Air waybill
N741	Master airwaybill
N750	Movement by post including parcel post
N760	Multimodal / combined transport document
MRN	Occurrence 0 .. 9999 Type an..18 Length .. 18 Description Previous document number Remark If the 'RELATED TRANSPORT DOCUMENT' is used, then the 'RELATED MRN' cannot be used. Remark At least one of the following shall be provided: 'ACTIVE BORDER TRANSPORT MEANS/Estimated date and time of arrival' or 'MRN'.
PersonNotifyingTheArrival	Occurrence 0 .. 1 Type PartyType Remark If the Arrival notification is provided via a National Arrival System (not via the STI), then the 'PERSON NOTIFYING THE ARRIVAL' is O, else it is M.
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Submitter, coded
Communication	Occurrence 1 .. 9 Type CommunicationType
xs:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type an..512 Length .. 512 Remark When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern "^\\+(?:[0-9] ?){6,14}[0-9]\$". Description Communication number
Type	Occurrence 1 .. 1 Type CommunicationTypeType Length 1 .. 8 Description Communication number type
Applicable Codes	
EM	Electronic mail
TE	Telephone
ActualCustomsOfficeOfFirstEntry	Occurrence 1 .. 1 Type an8 Length 8 .. 8 Description Office of entry, coded
ENSStatusRequest	Occurrence 0 .. 1 Type ENSStatusRequestType

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

Element/Attribute		Annotation	
xs:sequence IndicatorString Indicator FunctionalReference MRN Requester xs:sequence IdentificationNumber Communication xs:sequence Identifier Type TransportDocument xs:sequence DocumentNumber Type		Occurence	1 .. 1
		Occurence	0 .. 1
		Type	an..3
		Length	.. 3
		Remark	CL027 is used
		Occurence	0 .. 1
		Type	xs:boolean
		Remark	CL027 is used
		Occurence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	Functional reference number
		Remark	This attribute has to be unique as per Declarant (DECLARANT/Identification number).
		Occurence	0 .. 1
		Type	an..18
		Length	.. 18
		Remark	Either 'MRN' or 'TRANSPORT DOCUMENT' must be used.
		Occurence	1 .. 1
		Type	PartyType
		Occurence	1 .. 1
		Occurence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Submitter, coded
		Occurence	1 .. 9
		Type	CommunicationType
		Occurence	1 .. 1
	Occurence	1 .. 1	
	Type	an..512	
	Length	.. 512	
	Remark	When 'COMMUNICATION/Type' is 'TE' the 'COMMUNICATION/Identifier' has to have an international phone number format as defined in the ITU-T recommendation E.123 (02/2001). The format must be compliant with the pattern " <code>^\+([0-9] ?){6,14}[0-9]\$</code> ".	
	Description	Communication number	
	Occurence	1 .. 1	
	Type	CommunicationTypeType	
	Length	1 .. 8	
	Description	Communication number type	
Applicable Codes			
	EM	Electronic mail	
	TE	Telephone	
	Occurence	0 .. 1	
	Remark	Either 'MRN' or 'TRANSPORT DOCUMENT' must be used.	
	Occurence	1 .. 1	
	Occurence	1 .. 1	
	Type	an..70	
	Length	.. 70	
	Description	Transport document number	
	Occurence	1 .. 1	
	Type	TransportDocumentTypeType	
	Length	1 .. 8	
	Description	Transport document type, coded	
Applicable Codes			
	C625	Rhine Manifest	

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

Element/Attribute	Annotation
	Applicable Codes
	C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	N703 House waybill
	N704 Master bill of lading
	N705 Bill of lading
	N714 House bill of lading
	N720 Consignment note CIM
	N722 Road list - SMGS
	N730 Road consignment note
	N740 Air waybill
	N741 Master airwaybill
	N750 Movement by post including parcel post
	N760 Multimodal / combined transport document
TransportDocumentHouse	Occurrence 0 .. 1
	Remark Either 'MRN' or 'TRANSPORT DOCUMENT' must be used.
xs:sequence	Occurrence 1 .. 1
DocumentNumber	Occurrence 1 .. 1
	Type an..70
	Length .. 70
	Description Transport document number
Type	Occurrence 1 .. 1
	Type TransportDocumentTypeType
	Length 1 .. 8
	Description Transport document type, coded
	Applicable Codes
	C625 Rhine Manifest
	C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	N703 House waybill
	N704 Master bill of lading
	N705 Bill of lading
	N714 House bill of lading
	N720 Consignment note CIM
	N722 Road list - SMGS
	N730 Road consignment note
	N740 Air waybill
	N741 Master airwaybill
	N750 Movement by post including parcel post
	N760 Multimodal / combined transport document
ReferralResponseToSTI	Occurrence 0 .. 1
	Type ReferralResponseToSTIType
xs:sequence	Occurrence 1 .. 1
SpecificCircumstanceIndicator	Occurrence 1 .. 1
	Type SpecificCircumstanceIndicatorContentType2
	Length .. 3
	Pattern .{3}
	Description Specific circumstance indicator
	Applicable Codes
	R02 Additional Information Response
	R03 High Risk Cargo & Mail screening response
Date	Occurrence 1 .. 1
	Type DateType
xs:sequence	Occurrence 1 .. 1
Date	Occurrence 1 .. 1
	Type xs:dateTime

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

Element/Attribute	Annotation
DateType	Occurrence 1 .. 1 Type DateTypeType Applicable Codes Completion DocumentIssue Notification Registration ScheduledControl
MRN	Occurrence 1 .. 1 Type an..18 Length .. 18
ResponsibleMemberState	Occurrence 1 .. 1 Type a2 Pattern [a-zA-Z]{2}
Representative	Occurrence 0 .. 9 Type PartyType
xs:sequence IdentificationNumber	Occurrence 1 .. 1 Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Agent, coded
Declarant	Occurrence 1 .. 1 Type PartyType
xs:sequence IdentificationNumber	Occurrence 1 .. 1 Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Declarant, coded
TransportDocument	Occurrence 0 .. 1
xs:sequence DocumentNumber	Occurrence 1 .. 1 Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded Applicable Codes C625 Rhine Manifest C664 CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 C665 CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 N703 House waybill N704 Master bill of lading N705 Bill of lading N714 House bill of lading N720 Consignment note CIM N722 Road list - SMGS N730 Road consignment note N740 Air waybill N741 Master airwaybill N750 Movement by post including parcel post N760 Multimodal / combined transport document
AdditionalInformationResponse	Occurrence 0 .. 999
xs:sequence	Occurrence 1 .. 1

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

Element/Attribute	Annotation
ReferralRequestReference	Occurrence 1 .. 1 Type an..17 Length .. 17
AdditionalInformation	Occurrence 0 .. 99 <i>xs:sequence</i>
Code	Occurrence 1 .. 1 Occurrence 0 .. 1 Type AdditionalInformationCodeResponseType Length 1 .. 17 Remark See CL752 for appropriate values Description Additional statement code
Text	Occurrence 0 .. 1 Type an..512 Length .. 512 Description Additional statement text
Type	Occurrence 0 .. 1 Type an..3 Length .. 3 Description Additional statement type
BinaryAttachment	Occurrence 0 .. 9 <i>xs:sequence</i>
Identification	Occurrence 1 .. 1 Type an..256 Length .. 256 Description Binary File Identifier
Filename	Occurrence 1 .. 1 Type an..256 Length .. 256 Description Binary File Name
MIME	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Binary File MIME, coded
Description	Occurrence 0 .. 1 Type an..256 Length .. 256 Description Binary File Description
FileContent	Occurrence 0 .. 1 Type xs:base64Binary
TransportDocumentHouse	Occurrence 0 .. 1 <i>xs:sequence</i>
DocumentNumber	Occurrence 1 .. 1 Type an..70 Length .. 70 Description Transport document number
Type	Occurrence 1 .. 1 Type TransportDocumentTypeType Length 1 .. 8 Description Transport document type, coded
Applicable Codes	
C625	Rhine Manifest
C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS

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

Element/Attribute	Annotation
	Applicable Codes
	N730 Road consignment note
	N740 Air waybill
	N741 Master airwaybill
	N750 Movement by post including parcel post
	N760 Multimodal / combined transport document
HRCMScreeningResults	Occurrence 0 .. 999
xs:sequence	Occurrence 1 .. 1
ReferralRequestReference	Occurrence 0 .. 1
	Type an..17
	Length .. 17
Result	Occurrence 1 .. 1
	Type an..3
	Length .. 3
	Applicable Codes
	1 No alarm
	2 Alarm
ScreeningMethod	Occurrence 2 .. 9
	Type an..3
	Length .. 3
	Applicable Codes
	AOM Any other method
	CMD Metal detection equipment
	EDD Explosive detection dogs
	EDS EDS equipment
	ETD ETD equipment
	PHS Hand search
	VCK Visual check
	XRY X-ray equipment
	ZZZ Only one HRCM screening method required
AdditionalInformation	Occurrence 0 .. 99
xs:sequence	Occurrence 1 .. 1
Code	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Description Additional statement code
Text	Occurrence 0 .. 1
	Type an..512
	Length .. 512
	Description Additional statement text
Type	Occurrence 0 .. 1
	Type an..3
	Length .. 3
	Description Additional statement type
AuthorizedPerson	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1
	Type an..70
	Length .. 70
	Description Authorised person
IdentificationNumber	Occurrence 1 .. 1
	Type an..17
	Length .. 17
	Description Authorised person, coded
TypeOfPerson	Occurrence 1 .. 1
	Type TypeOfPersonType
	Length 1 .. 1
	Applicable Codes
	1 Natural person
	2 Legal person

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

Element/Attribute		Annotation	
		Applicable Codes	
		3	Association of persons
BinaryFile		Occurrence	0 .. 9
<i>xs:sequence</i>		Occurrence	1 .. 1
Identification		Occurrence	1 .. 1
		Type	an..256
		Length	.. 256
		Description	Binary File Identifier
Filename		Occurrence	1 .. 1
		Type	an..256
		Length	.. 256
		Description	Binary File Name
MIME		Occurrence	1 .. 1
		Type	an..70
		Length	.. 70
		Description	Binary File MIME, coded
Description		Occurrence	0 .. 1
		Type	an..256
		Length	.. 256
		Description	Binary File MIME, coded
FileContent		Occurrence	0 .. 1
		Type	xs:base64Binary
FacilityAddress		Occurrence	0 .. 1
		Type	AddressType
		Remark	In the 'ADDRESS' class either 'ADDRESS/Street' and 'ADDRESS/Number' or 'ADDRESS/P.O.Box' has to be used.
<i>xs:sequence</i>		Occurrence	1 .. 1
City		Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
Country		Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
Subdivision		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
Street		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
Number		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
StreetAdditionalLine		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
Postcode		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	Mandatory, IF 'ADRESS/Country' in CL733 has a country code with postal code indicator other than 'C'.
PoBox		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70

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

Element/Attribute	Annotation
TransportDocumentHouse	Occurrence 1 .. 1
<i>xs:sequence</i>	Occurrence 1 .. 1
DocumentNumber	Occurrence 1 .. 1
	Type an..70
	Length .. 70
	Description Transport document number
Type	Occurrence 1 .. 1
	Type an4
	Length 4 .. 4
	Description Transport document type, coded
Applicable Codes	
C624	Form 302
C625	Rhine Manifest
C664	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
C665	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
N703	House waybill
N704	Master bill of lading
N705	Bill of lading
N714	House bill of lading
N720	Consignment note CIM
N722	Road list - SMGS
N730	Road consignment note
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N741	Master airwaybill
N750	Movement by post including parcel post
N760	Multimodal / combined transport document