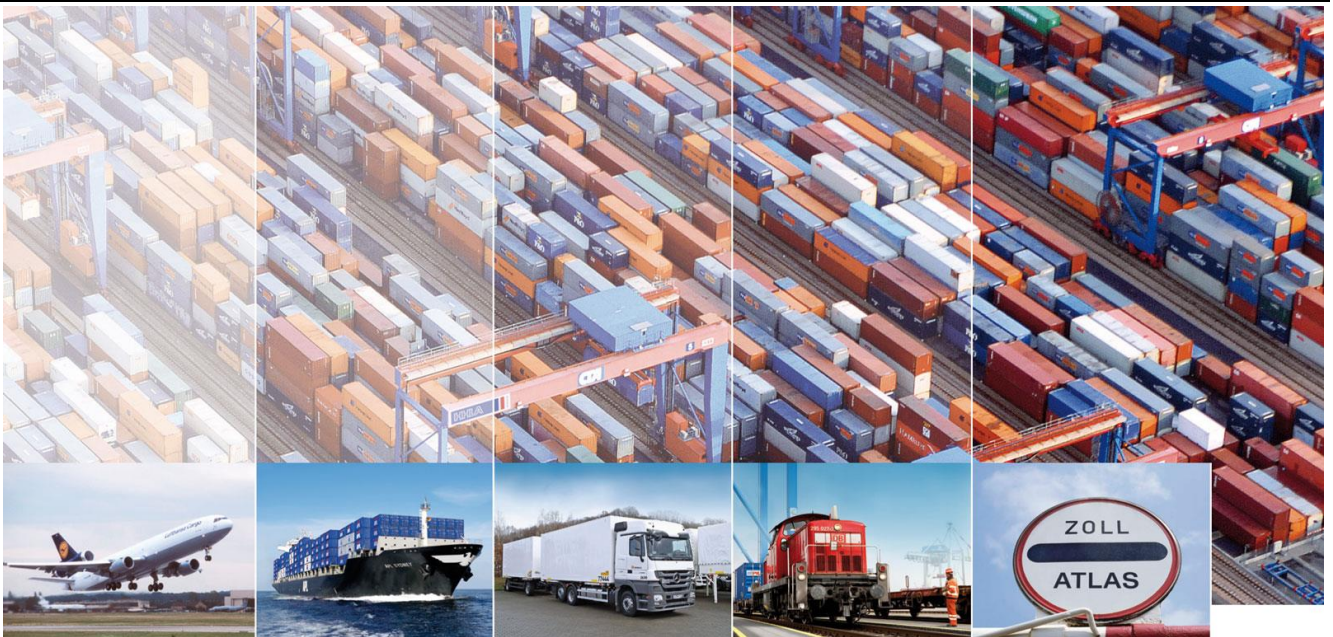




- ICS 2 Interface (XML) - ENS

Version 1.0.18

(Valid from 26 June 2025)

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Change history

Version	Chapter/ Section	Reason	Name	Date
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 TransportDocumentType: 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
1.0.18	Structure	New element TemplateName for ZODIAK GE data import	Kunze	26.06.2025

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:

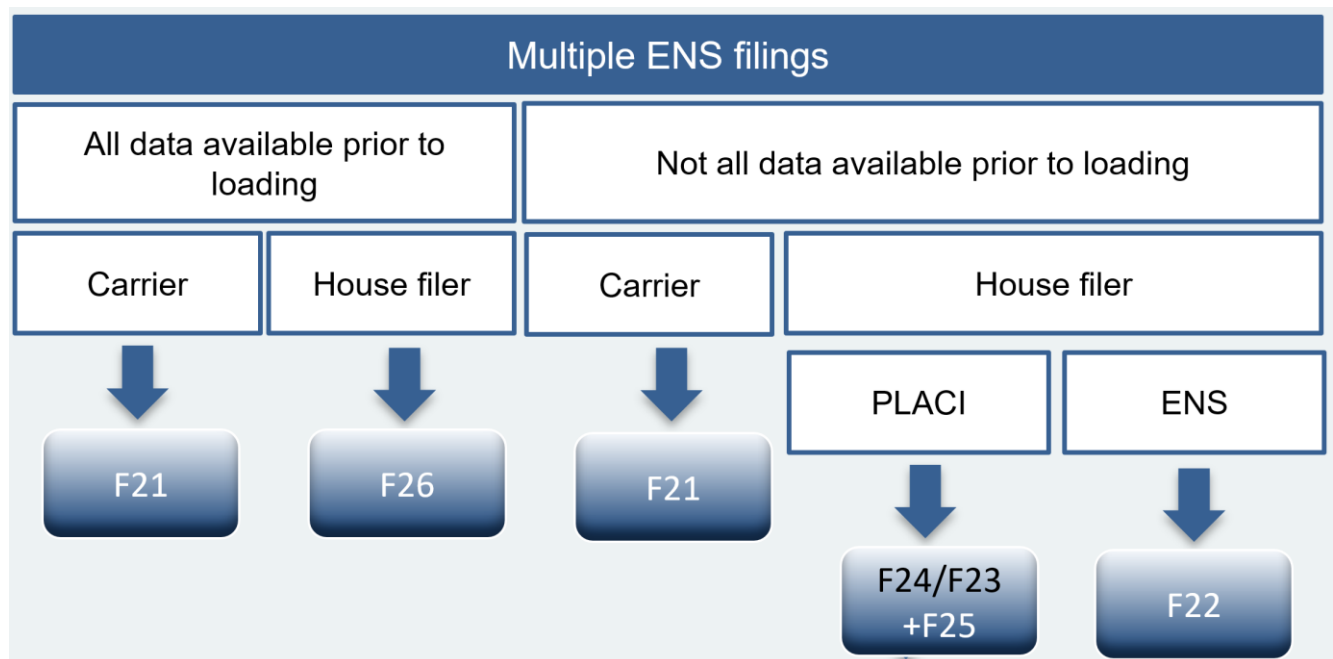
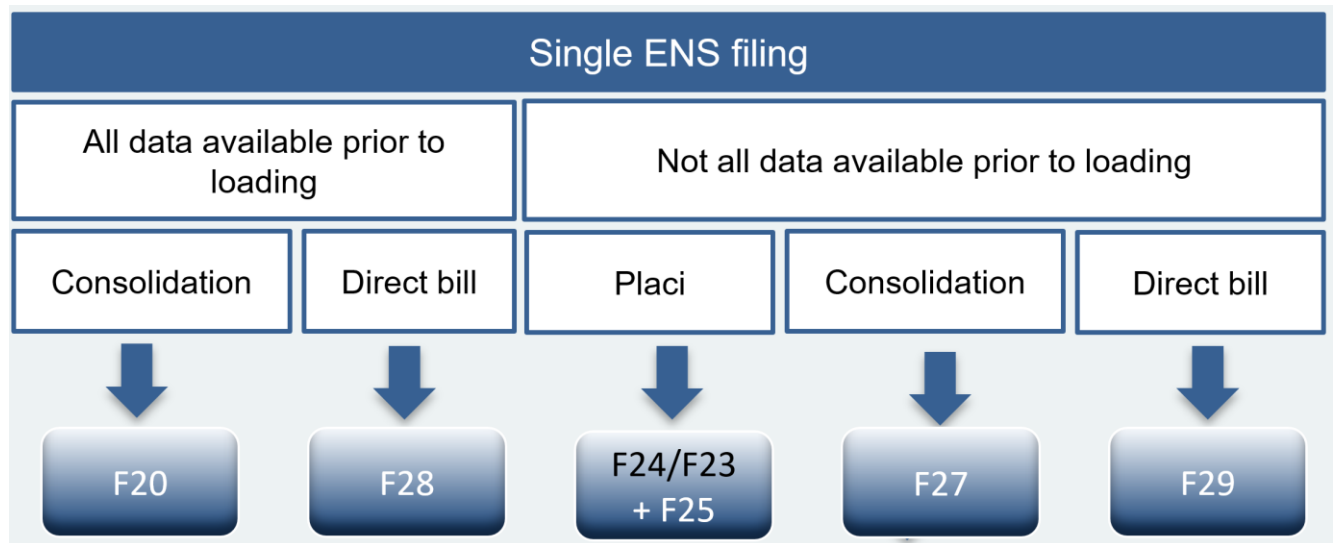
- F20: Complete dataset lodged pre-loading and pre-arrival but no PLACI (Consol)
- F27: Complete dataset lodged pre-arrival (Consol)
- F28: Complete dataset lodged pre-loading and pre-arrival but no PLACI. Direct air waybill (Non-Consol).
- F29: Complete dataset lodged pre-arrival – Direct air waybill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

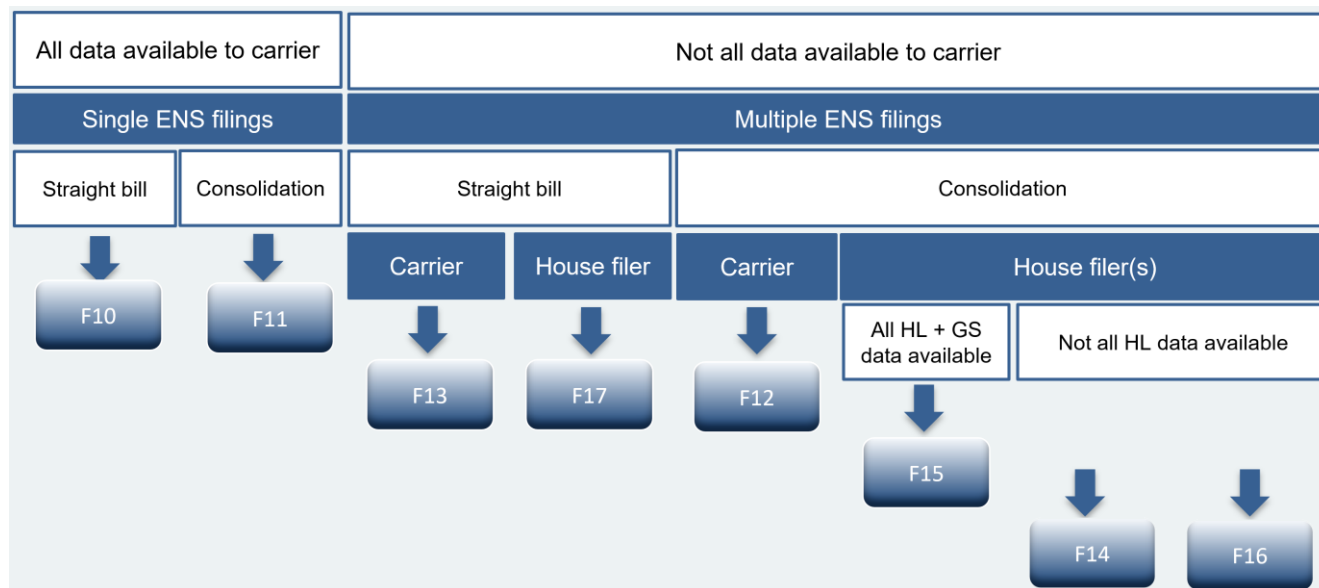
- F10: Is a complete Non-CONSOL ENS (Straight bill of lading).
- F11: Is a complete CONSOL ENS to send one master BL with several underlying house BLs.

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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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
0 .. 1	TemplateName
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

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

Occurrence	Element/Attribute
0 .. 1	PoBox
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	Address
1 .. 1	xs:sequence
1 .. 1	City

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

Occurrence	Element/Attribute
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	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	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
1 .. 1	xs:sequence
0 .. 1	ItemAmountInvoiced
0 .. 1	ItemAmountInvoicedCurrency

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

Occurrence	Element/Attribute
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
0 .. 1	PlaceOfLoading
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 .. 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
0 .. 1	UNLOCODE
0 .. 1	Country
0 .. 99999	ConsignmentHouse

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

Occurrence	Element/Attribute
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
1 .. 1	xs:sequence
1 .. 1	Identifier
1 .. 1	Type

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

Occurrence	Element/Attribute
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
0 .. 1	Name
0 .. 1	IdentificationNumber
0 .. 1	Status

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

Occurrence	Element/Attribute
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
0 .. 1	IdentificationNumber
0 .. 1	TypeOfPerson
0 .. 1	Address

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 .. 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	TransportDocumentHouse
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 1	TransportDocumentMaster
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 9999	TransportEquipment
1 .. 1	xs:sequence
0 .. 1	ContainerSizeAndType
0 .. 1	ContainerPackedStatus

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

Occurrence	Element/Attribute
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
1 .. 1	xs:sequence
1 .. 1	City
1 .. 1	Country
0 .. 1	Subdivision

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

Occurrence	Element/Attribute
0 .. 1	Street
0 .. 1	
0 .. 1	
0 .. 1	
0 .. 1	
0 .. 1	TransportDocument
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type

Guideline

Element/Attribute	Annotation	
ICS2Message	Type	ICS2MessageType
xs:sequence	Occurrence	1 .. 1
Transaction	Occurrence	0 .. 1
xs:sequence	Type	TransactionICSType
IOPartner	Occurrence	1 .. 1
Type	an..10	
Length	.. 10	
Description	DAKOSY Participant Code of the sending party	
IODivision1	Occurrence	0 .. 1
Type	an..10	
Length	.. 10	
Description	Additional Code used for DAKOSY-internal purposes	
IODivision2	Occurrence	0 .. 1
Type	an..10	
Length	.. 10	
Description	Additional Code used for DAKOSY-internal purposes	
IODivision3	Occurrence	0 .. 1
Type	an..10	
Length	.. 10	
Description	Additional Code used for DAKOSY-internal purposes	
OrgUnit	Occurrence	0 .. 1
Type	an..256	
Length	.. 256	
IOReference	Occurrence	1 .. 1
Type	an..35	
Length	.. 35	
Description	A unique reference number identifying this XML interchange.	
IODateTime	Occurrence	1 .. 1
Type	xs:dateTime	
Description	Date and time of interchange creation	
Version	Occurrence	1 .. 1
Type	an..3	
Length	.. 3	
Description	Interface specification Version	
Messages	Occurrence	0 .. 1
xs:sequence	Occurrence	1 .. 1
xs:choice	Occurrence	1 .. 1
ENSMessage	Occurrence	0 .. 1
Type	ENSMessageType	
xs:sequence	Occurrence	1 .. 1
LRN	Occurrence	0 .. 1
Type	an..22	
Length	.. 22	
Description	Local Reference Number	
Remark	Mandatory, if Message function is ORIGINAL	
Remark	This attribute has to be unique as per Declarant (DECLARANT/Identification number).	
TemplateName	Occurrence	0 .. 1
Type	an..35	
Length	.. 35	
Description	Name of a ZODIAK GE template to load data into the ENS from ZODIAK GE master data.	
DocumentIssueDate	Occurrence	1 .. 1
Type	xs:dateTime	
Description	Document issuing date	

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

Element/Attribute	Annotation
ReferralRequestReference	Occurrence 0 .. 1 Type an..17 Length .. 17 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/ RFS.
MRN	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

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

Element/Attribute	Annotation
	Applicable Codes
	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 dataset lodged pre-loading
	F24 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

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

Element/Attribute		Annotation	
Code		Occurrence	1 .. 1
		Type	an..10
		Length	.. 10
Description		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
ReentryIndicator		Occurrence	0 .. 1
		Type	ReentryIndicatorType
		Length	1 .. 8
		Remark	Mandatory, if DatasetIndicator is COMPLETE
		Applicable Codes	
		0	No
		1	Yes
AddressedMemberState		Occurrence	0 .. 1
		Type	a2
		Pattern	[a-zA-Z]{2}
		Remark	CL717 Country code (ICS2 MS)
		Remark	Mandatory, if DatasetIndicator is PARTIAL
SplitConsignment		Occurrence	0 .. 1
		Type	SplitConsignmentType
		xs:sequence	
		Occurrence	1 .. 1
		SplitConsignmentIndicator	
SplitConsignmentIndicator		Occurrence	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		Occurrence	0 .. 1
		Type	an..18
		Length	.. 18
		Pattern	.{18}
		Remark	For F10, F11, F12, F13, F30, F34, F45: Mandatory, if SplitConsignmentIndicator is true
Representative		Occurrence	0 .. 1
		Type	PartyType
		Remark	Must not be amended
		Description	Agent
		xs:sequence	
Name		Occurrence	1 .. 1
		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
IdentificationNumber		Description	Agent - name
		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
Status		Remark	'REPRESENTATIVE/Identification number' cannot be the same as 'DECLARANT/Identification number'.
		Remark	Must not be amended
		Description	Agent, coded
		Occurrence	0 .. 1
		Type	n1
		FractionDigits	0
		TotalDigits	1
		Inclusive	0 ..
		Pattern	\d{1}
		Description	Agent status, coded

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

Element/Attribute		Annotation	
		Applicable Codes	
		2	Direct
		3	Indirect
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	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.
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

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

Element/Attribute	Annotation
	Applicable Codes TE Telephone
ActiveBorderTransportMeans	Occurrence 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	Occurrence 1 .. 1
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 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 1 Maritime Transport 2 Rail Transport 3 Road Transport

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Element/Attribute		Annotation	
		Applicable Codes	
		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 were loaded onto the active means of transport which will carry them into the Union.	
EstimatedDateAndTimeOfDeparture	Remark	Mandatory for F21, F27, F29, F30, F31	
	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'.	
EstimatedDateAndTimeOfArrival	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	
	Occurrence	0 .. 1	
	Type	xs:dateTime	
ConveyanceReferenceNumber	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	
	Occurrence	0 .. 1	
CountriesOfRoutingOfMeansOfTransport	Type	an..17	
	Length	.. 17	
	Remark	For air freight messages only. Must not be amended	
	Occurrence	0 .. 99	
xs:sequence	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'.	
	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	

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

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

Element/Attribute	Annotation
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
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
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

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

Element/Attribute		Annotation	
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	
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 " <code>^\+([0-9] ?){6,14}[0-9]\$</code> ".	
Type	Description	Communication number	
	Occurrence	1 .. 1	
	Type	CommunicationTypeType	
	Length	1 .. 8	
Applicable Codes	Description	Communication number type	
	EM	Electronic mail	
	TE	Telephone	
Consignee	Occurrence	0 .. 1	
	Type	PartyType	
	Description	EORI is mandatory for consignee in EU, if company has an EORI.	
xs:sequence	Occurrence	1 .. 1	
Name	Occurrence	0 .. 1	
	Type	an..70	
	Length	.. 70	
	Description	Consignee name	

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Element/Attribute		Annotation	

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

Element/Attribute	Annotation
	recommendation E.123 (02/2001). The format must be compliant with the pattern " <code>^\+(?:[0-9] ?){6,14}[0-9]\$</code> ".
	Description Communication number
Type	Occurrence 1 .. 1
	Type CommunicationTypeType
	Length 1 .. 8
	Description Communication number type
	Applicable Codes
	EM Electronic mail
	TE Telephone
Consignor	Occurrence 0 .. 1
	Type PartyType
<i>xs:sequence</i>	Occurrence 1 .. 1
Name	Occurrence 0 .. 1
	Type an..70
	Length .. 70
	Description Consignor - name
IdentificationNumber	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Remark EORI number shall be declared.
	Description Consignor, coded
TypeOfPerson	Occurrence 0 .. 1
	Type TypeOfPersonType
	Length 1 .. 1
	Description Consignor, type of code
	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

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

Element/Attribute		Annotation	
Postcode PoBox Communication xs:sequence Identifier Type GoodsItem xs:sequence ItemAmountInvoiced ItemAmountInvoicedCurrency GoodsItemNumber PostalValue PostalValueCurrency TypeOfGoods		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 .. 9
		Type	CommunicationType
		Occurrence	1 .. 1
		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 " <code>^\+([0-9] ?){6,14}[0-9]\$</code> ".
		Description	Communication number
		Occurrence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8
		Description	Communication number type
		Applicable Codes	
		EM	Electronic mail
		TE	Telephone
		Occurrence	0 .. 9999999
		Type	GoodsItemType
		Occurrence	1 .. 1
		Occurrence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
		Occurrence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
		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
		Occurrence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
		Occurrence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
		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

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Element/Attribute	Annotation
SupportingDocuments	provided, THEN this class/attribute is M, ELSE it is O. 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 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

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Element/Attribute		Annotation	
	HarmonizedSystemSubheadingCode	Remark	The format of this attribute is 9999999-9.
		Occurrence	0 .. 1
		Type	an..6
		Length	.. 6
	CombinedNomenclatureCode	Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/ CONSIGNOR/Type of person' and 'CONSIGNMENT (HOUSE LEVEL)/CONSIGNEE/Type of person' is '1 (Natural person)',
		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
	Type		n..16.6
	FractionDigits		6
	TotalDigits		16
	Description		Gross weight item level
	Packaging		Occurrence
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 UN/ECE 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		

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)
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		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
Seal		Occurrence	0 .. 99
		Description	Is mandatory if NumberOfSeals is used
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ GOODS ITEM/TRANSPORT EQUIPMENT/Number of seals' is used,

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Element/Attribute		Annotation	
xs:sequence Identifier		Occurrence	1 .. 1
		Occurrence	1 .. 1
		Type	an..20
		Length	.. 20
		Description	Seal number
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 F11, F12, F20, F21, F27, F31, F34, F50, F51
xs:sequence Location		Occurrence	1 .. 1
		Occurrence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Goods receipt place
UNLOCODE		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF DELIVERY/UNLOCODE' is not provided
		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
PlaceOfLoading		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
xs:sequence Location		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,
UNLOCODE		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Description	Place of loading
		Occurrence	0 .. 1
Country		Type	a2
		Pattern	[a-zA-Z]{2}
		Remark	CL718 Country code (ISO 3166) ISO 3166 list of country codes as published in CS/RD2

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

Element/Attribute		Annotation	
		Description	Country, coded
		Remark	Mandatory, IF 'CONSIGNMENT (MASTER LEVEL)/ PLACE OF LOADING/UNLOCODE' is not provided,
	PassiveBorderTransportMeans	Occurrence	0 .. 99
	<i>xs:sequence</i>	Occurrence	1 .. 1
	IdentificationNumber	Occurrence	1 .. 1
		Type	an..35
		Length	.. 35
	TypeOfIdentification	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
		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	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
	<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

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

Element/Attribute		Annotation	
Address xs:sequence City Country Subdivision Street Number StreetAdditionalLine Postcode PoBox Communication xs:sequence Identifier Type	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.
		Occurence	1 .. 1
		Occurence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
		Occurence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
		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'.
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Occurence	0 .. 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 "^\\+(?:[0-9] ?){6,14}[0-9]\$".
		Description	Communication number
		Occurence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8
		Description	Communication number type
Applicable Codes			
	EM	Electronic mail	
	TE	Telephone	
SupplementaryDeclarant	Occurence	0 .. 1	
	Occurence	1 .. 1	

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute		Annotation	
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	
	N750	Movement by post including parcel post	
	N760	Multimodal / combined transport document	
TransportEquipment	Occurrence	0 .. 9999	
	Type	TransportEquipmentType	
	Remark	Mandatory, IF 'CONSIGNMENT (Master 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		
	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51		
	Optional for F12, F13		
Description	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		
	Mandatory for F10, F11, F14 and F15. F34 (no GID), F50, F51		
	Optional for F12, F13		
Description	Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45		

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Element/Attribute		Annotation	
	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
	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

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Element/Attribute		Annotation		
	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			
VATIdentificationNumber	Occurrence	1 .. 1		
	Occurrence	0 .. 1		
	Type	an..17		
Role	Length	.. 17		
	Occurrence	0 .. 1		
	Type	an..3		
TotalGrossMass	Length	.. 3		
	Remark	CL756		
	Occurrence	0 .. 1		
	Type	n..16.6		
PlaceOfAcceptance	FractionDigits	6		
	TotalDigits	16		
	Occurrence	0 .. 1		
	Type	LocationType		
xs:sequence	Description	Mandatory for F10, F11, F13, F14, F15, F20, F22, F26, F27, F28, F29, F31, F33, F34, F50, F51		
	xs:sequence			
Location	Occurrence	1 .. 1		
	Occurrence	0 .. 1		
	Type	an..35		
	Length	.. 35		
	Description	Place of acceptance		
	Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF ACCEPTANCE/UNLOCODE' is not provided		
Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF ACCEPTANCE/UNLOCODE' is not provided			
	UNLOCODE			
UNLOCODE	Occurrence	0 .. 1		
	Type	an..17		
	Length	.. 17		
	Description	Place of acceptance, coded		
	xs:sequence			
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		

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Element/Attribute		Annotation	
		Remark	Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/PLACE OF ACCEPTANCE/UNLOCODE' is not provided
	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
		Remark	CL013 Document type List of document types as published in CS/RD2
		Description	Additional document type, coded
	AdditionalInformation	Occurrence	0 .. 99
		Type	AdditionalInformationENSType
		Remark	When 'ADDITIONAL INFORMATION' class is used, either 'ADDITIONAL INFORMATION/Code' or 'ADDITIONAL INFORMATION/Text' has to be used.
	<i>xs:sequence</i>	Occurrence	1 .. 1
	Code	Occurrence	1 .. 1
		Type	AdditionalInformationCodeENSType
		Length	1 .. 17
		Description	Additional statement code
		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.
	<i>xs:sequence</i>	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

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Element/Attribute	Annotation
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. Remark Must not be amended
TypeOfPerson	Occurrence 0 .. 1 Type TypeOfPersonType Length 1 .. 1 Applicable Codes 1 Natural person 2 Legal person 3 Association of persons
Consignee	Occurrence 0 .. 1 Type PartyType Remark Mandatory, IF 'CONSIGNMENT (HOUSE LEVEL)/ ADDITIONAL INFORMATION/Code' is not '10600'
<i>xs:sequence</i>	Occurrence 1 .. 1
Name	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.
<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}

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

Element/Attribute		Annotation		
	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	
	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	
		Occurrence	1 .. 1	
	Type	Type	CommunicationTypeType	
		Length	1 .. 8	
		Description	Communication number type	
		Applicable Codes		
		EM	Electronic mail	
		TE	Telephone	
	GoodsItem	Occurrence	0 .. 9999	
		Type	GoodsItemType	
		xs:sequence	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		

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

Element/Attribute		Annotation	
		Description	first item and incrementing the numbering by '1' for each following item.
		Remark	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.
	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
		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
	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 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

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Element/Attribute		Annotation	
	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	
	DescriptionOfGoods	Occurrence	0 .. 1
		Type	an..512
		Length	.. 512
		CUSCode	Occurrence
	CUSCode	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	
Packaging	Description	Gross weight item level	
	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	

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Element/Attribute		Annotation	
	TypeOfPackages	Occurrence	0 .. 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
		PassiveBorderTransportMeans	Occurrence 0 .. 99
		xs:sequence	Occurrence 1 .. 1
		IdentificationNumber	Occurrence 1 .. 1
		Type	an..35
		Length	.. 35
	TypeOfIdentification	Description	Identification of passive transport means, coded
		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
	TypeOfMeansOfTransport	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
		Nationality	Occurrence 0 .. 1
		Type	a2
	Nationality	Pattern	[a-zA-Z]{2}
		Description	Nationality of passive means of transport, coded
		TransportEquipment	Occurrence 0 .. 9999
		Type	TransportEquipmentType
		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
	ContainerPackedStatus		Optional for F12, F13
			Not in Use for F20, F21, F22, F26, F27, F28, F29, F31, F33, F40, F41, F45
		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
	ContainerSupplierType	Type	an..3
		Length	.. 3
		Description	according to CL711; 1 = Shipper supplied and 2 = Carrier

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

Element/Attribute		Annotation	
		Description	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	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
	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}
		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

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

Element/Attribute		Annotation	
Country		Occurence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
Subdivision		Description	Country, coded
		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
Street		Description	Country sub-entity name
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
Number		Description	Street and number/P.O. Box
		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]\$".
Type		Description	Communication number
		Occurence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8
		Description	Communication number type
Applicable Codes			
		EM	Electronic mail
		TE	Telephone
PostalCharges		Occurence	0 .. 1
		Type	n..16.2
		FractionDigits	2
		TotalDigits	16
PostalChargesCurrency		Occurence	0 .. 1
		Type	a3
		Pattern	[a-zA-Z]{3}
TransportChargesMethodOfPayment		Occurence	0 .. 1
		Type	TransportChargesMethodOfPaymentType
		Length	1 .. 8
Applicable Codes			
		A	Payment in cash
		B	Payment by credit card

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

Element/Attribute	Annotation												
<table> <tr> <th colspan="2">Applicable Codes</th></tr> <tr> <td>C</td><td>Payment by cheque</td></tr> <tr> <td>D</td><td>Other (e.g. direct debit to cash account)</td></tr> <tr> <td>H</td><td>Electronic funds transfer</td></tr> <tr> <td>Y</td><td>Account holder with carrier</td></tr> <tr> <td>Z</td><td>Not pre-paid</td></tr> </table>		Applicable Codes		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
Applicable Codes													
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												
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. Description Notify party, coded												

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

Element/Attribute		Annotation	
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 City		Occurrence	1 .. 1
		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 Identifier		Occurrence	1 .. 1
		Occurrence	1 .. 1
		Type	an..512
		Length	.. 512

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

Element/Attribute	Annotation
	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]\$ ".
Type	Description Communication number Occurrence 1 .. 1 Type CommunicationTypeType Length 1 .. 8 Description Communication number type
	Applicable Codes
	EM Electronic mail
	TE Telephone
Buyer	Occurrence 0 .. 1 Type PartyType
<i>xs:sequence</i>	Occurrence 1 .. 1
Name	Occurrence 0 .. 1 Type an..70 Length .. 70 Description Buyer - name
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Buyer, coded
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

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

Element/Attribute		Annotation	
StreetAdditionalLine Postcode PoBox Communication xs:sequence Identifier Type		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
Communication xs:sequence Identifier Type		Length	.. 70
		Occurrence	0 .. 9
		Type	CommunicationType
		Occurrence	1 .. 1
		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 " <code>^\w+(?:[0-9] ?){6,14}[0-9]\$</code> ".
		Description	Communication number
		Occurrence	1 .. 1
Seller xs:sequence Name IdentificationNumber TypeOfPerson Address xs:sequence City		Type	CommunicationTypeType
		Length	1 .. 8
		Description	Communication number type
		Applicable Codes	
		EM	Electronic mail
		TE	Telephone
		Occurrence	0 .. 1
		Type	PartyType
		Occurrence	1 .. 1
		Occurrence	0 .. 1
Name IdentificationNumber TypeOfPerson Address xs:sequence City		Type	an..70
		Length	.. 70
		Description	Seller - name
		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
		Remark	EORI number shall be declared.
		Description	Seller, coded
		Occurrence	0 .. 1
		Type	TypeOfPersonType
Name IdentificationNumber TypeOfPerson Address xs:sequence City		Length	1 .. 1
		Applicable Codes	
		1	Natural person
		2	Legal person
		3	Association of persons
		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
Name IdentificationNumber TypeOfPerson Address xs:sequence City		Type	an..35
		Length	.. 35

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

Element/Attribute		Annotation	
	Country	Description	City name
		Occurrence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
	Subdivision	Pattern	[A-Z]{2}
		Description	Country, coded
		Occurrence	0 .. 1
		Type	an..35
	Street	Length	.. 35
		Description	Country sub-entity name
		Occurrence	0 .. 1
		Type	an..70
	Number	Length	.. 70
		Description	Street and number/P.O. Box
		Occurrence	0 .. 1
		Type	an..35
	StreetAdditionalLine	Length	.. 35
		Occurrence	0 .. 1
		Type	an..70
		Length	.. 70
	Postcode	Description	Postcode identification
		Occurrence	0 .. 1
		Type	an..17
		Length	.. 17
	PoBox	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
	Communication	Occurrence	0 .. 9
		Type	CommunicationType
		Occurrence	1 .. 1
		Type	CommunicationType
	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]\$".
	Type	Description	Communication number
		Occurrence	1 .. 1
		Type	CommunicationTypeType
		Length	1 .. 8
	SupplementaryDeclarant	Description	Communication number type
		Applicable Codes	
		EM	Electronic mail
		TE	Telephone
	IdentificationNumber	Occurrence	0 .. 99
		Occurrence	1 .. 1
		Type	an..17
		Length	.. 17
	SupplementaryFilingType	Occurrence	1 .. 1
		Type	SupplementaryFilingTypeType
		Length	1 .. 8
		Applicable Codes	
	PassiveBorderTransportMeans	1	House level-filing
		2	Sub-house level filing
		Occurrence	0 .. 99

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

Element/Attribute	Annotation
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 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)
TransportDocumentHouse	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
TransportDocumentMaster	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute		Annotation	
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	
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	

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

Element/Attribute		Annotation	
		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
	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

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute		Annotation	
	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	1 .. 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	
	CustomsOfficeOfFirstEntry	Occurence	0 .. 1
		Type	an8
		Length	8 .. 8
		Description	Office of entry, coded
	HRCMScreeningResults	Occurence	0 .. 99
	xs:sequence	Occurence	1 .. 1
	Result	Occurence	1 .. 1
		Type	an..3
	Length	.. 3	
	Applicable Codes		
	1		
	2		
	ScreeningMethod	Occurence	2 .. 9
		Type	an..3
		Length	.. 3
		Applicable Codes	
	AOM	Any other method	

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
AdditionalInformation xs:sequence Code Text Type AuthorizedPerson xs:sequence Name IdentificationNumber TypeOfPerson BinaryFile xs:sequence Identification Filename MIME Description FileContent	Applicable Codes CMD EDD EDS ETD PHS VCK XRY ZZZ Metal detection equipment Explosive detection dogs EDS equipment ETD equipment Hand search Visual check X-ray equipment Only one HRCM screening method required
	Occurrence 0 .. 99
	Occurrence 1 .. 1
	Occurrence 0 .. 1
	Type an..17
	Length .. 17
	Description Additional statement code
	Occurrence 0 .. 1
	Type an..512
	Length .. 512
	Description Additional statement text
	Occurrence 0 .. 1
	Type an..3
	Length .. 3
	Description Additional statement type
	Occurrence 0 .. 1
	Occurrence 1 .. 1
	Occurrence 1 .. 1
	Type an..70
	Length .. 70
	Occurrence 1 .. 1
	Type an..17
	Length .. 17
	Description Authorised person, coded
	Occurrence 1 .. 1
	Type TypeOfPersonType
	Length 1 .. 1
	Applicable Codes 1 2 3 Natural person Legal person Association of persons
	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

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

Element/Attribute		Annotation	
FacilityAddress xs:sequence City Country Subdivision Street Number StreetAdditionalLine Postcode PoBox TransportDocument xs:sequence ReferenceNumber Type		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.
		Occurence	1 .. 1
		Occurence	1 .. 1
		Type	an..35
		Length	.. 35
		Description	City name
		Occurence	1 .. 1
		Type	CountryCodeType
		Length	.. 2
		Pattern	[A-Z]{2}
		Description	Country, coded
		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
		Description	Country sub-entity name
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Street and number/P.O. Box
		Occurence	0 .. 1
		Type	an..35
		Length	.. 35
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
		Description	Postcode identification
		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'.
		Occurence	0 .. 1
		Type	an..70
		Length	.. 70
	Occurence	0 .. 1	
	Occurence	1 .. 1	
	Occurence	1 .. 1	
	Type	an..70	
	Length	.. 70	
	Description	Transport document number	
	Occurence	1 .. 1	
	Type	an4	
	Length	4 .. 4	
	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

ENS

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

Bold = Element, Italic = Attribute, Grey = Group

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