Entry Summary Declaration, List of Goods and Cargo Manifest Services

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1 Introduction

This document describes the services related to the treatment of goods on arrival that are provided to traders by Estonian Tax and Customs Board (ETCB) via X-Road.

Specification of services consists of the following parts:

1. Specification of the X-Road interface of ETCB. Describes the general protocol for exchange of messages with customs. This is the common specification for all services and is therefore described in a separate document [1].

2. Description of user templates related to the entry summary declaration, list of goods and the cargo manifest. Description of the provided services (Chapter 2).

3. Description of messages related to the entry summary declaration, list of goods and the cargo manifest (Chapter 3).

4. Technical rules for compiling of messages (Chapter 4). Describes the general rules for compiling messages and for valuation of technical fields.

5. Rules for message elements (Chapter 5). List of rules describing the message elements.

6. Code lists (Chapter 6). Contains the code lists used for limitation of values of certain data elements of a message (e.g. country codes).

7. XML schemas of messages are in separate XSD files [2]. A separate XML schema has been compiled for each message.

8. Message templates are in separate XML files [3]. A separate message template containing no data has been compiled for each message. Limitations applied with data elements have been inserted in the templates as comments.

9. Codes in a separate file [4]. Contains all the codes of the code lists including the terms of validity and descriptions.

1.1 Definitions and abbreviations

Definition	Abbreviation, definition in English	Explanation
Impordikontrolli süsteem	ICS, Import Control System	ICS enables the customs administrations of EU Member States to exchange electronic messages between customs offices for checking the fulfilment of the security and risk assessment requrements when goods are entering the EU customs territory with a summary declaration. ICS also includes the functionality to lodge List of goods and Cargo manifest for the EE national purposes.
Esitamise tolliasutus	Office of Lodgement	Estonian customs office, where the ENS, List of goods or Cargo manifest is lodged.
Esimene sisenemistolliasutus	Office of irst Entry	A customs office of a MS where the means of transport enters first after departure from a third country.
Ettevõtja	Trader	A person involved with activities covered by customs legislation.
Ettevõtja sisenemispunktis (Vedaja)	Trader at Entry (Carrier)	A person transporting goods at entry into the customs territory.
Sisenemise ülddeklaratsioon	Entry Summary Declaration (ENS)	The document to be lodged with the first customs office of entry for all the goods loaded on a means of transport.
Kaubamanifest	Cargo Manifest	The document lodged to the customs office of entry for the goods to be discharged. ENS message with the specific attribute „F" is used. This document can be used only for the goods already entered to European Union (in case of maritime and air traffic). For example: goods first arrive to Germany and then carried to Estonia
Loend	List of Goods	The document to be lodged to the first customs office of entry for the goods not covered with ENS (for example goods with small value). Document has to be lodged together with ENS. Document contains only information about the goods to be unloaded. ENS message with the specific attribute „L" is used.
MRN	Movement Reference Number	Unique reference number of a customs document
Laadimiskeeld	Advanced Intervention Notification	A prohibition to load or unload goods after application of the Community risk analyses result type 'A' .

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Volitatud ettevõtja	AEO, Authorized Economic Operator	An economic operator established in the Community customs territory, who is compliant and trustworthy in customs related operations in the EU and who therefore may use customs preferences and/or simplifications within the entire Community.
X-tee	X-Road	Data exchange layer used for data exchange between the information systems of Estonian institutions and organisations [5]

1.2 References

[1] Specification of X-Road interface of ETCB, emta-x-tee-liides.pdf

[2] XML schemas of ICS messages, *.xsd

[3] XML templates of ICS messages, *.xml

[4] Codes of ICS code lists, ics-codes.txt

[5] RIA X-Road website, http://www.ria.ee/xtee

2 ICS user templates

This chapter describes all the ICS user templates.

The expressions „trader sends message via X-Road", „customs reply with message", „customs notify trader", „trader reads message via X-Road" are used when describing the user templates. The precise technical content of these operations is described in [1].

All, the entry summary declaration (ENS),the cargo manifest and the list of goods are regarded as declarations.

2.1 Lodging of the declaration

1. Trader sends the declaration to the customs with the message IE315.

2. Customs check the correctness of the declaration. If the declaration is correct then customs reply with the acknowledgement message IE328. If the declaration is incorrect then customs reply with the rejection message IE316.

2.2 Acceptance of the notification on lodgement of ENS

Assumption: The person lodging ENS and the carrier are different persons, the trader at entry is in the role of a carrier. The person lodging ENS has sent ENS to customs with the message IE315 and customs have acknowledged it.

1. Customs send ENS acknowledgement message IE328 to the carrier.

2. Trader accepts the message.

2.3 Amendment of the declaration

1. Trader sends the amendment request to the customs with the message IE313.

2. Customs check the correctness of the amendment request. If the amendment request is correct then customs reply with the amendment acknowledgemen message IE304. If the amendment request is incorrect then customs reply with the amendment rejection message IE305.

2.4 Diversion of ENS

1. Trader sends the ENS diversion request to the customs with the message IE323.

2. Customs check the correctness of the diversion request. If the diversion request is correct then customs reply with the acknowledgement message IE325. If the diversion request is incorrect then customs reply with the rejection message IE324.

2.5 Acceptance of the advanced intervention notification of ENS

Assumption: trader have AEO status and customs wish to inform trader about advanced intervention.

1. Customs sends the advanced intervention notification to a trader (both person lodging the ENS and carrier) with the message IE351.

2. The trader accepts the message.

2.6 Declaration status request

1. Trader sends declaration status request to the customs with the message IE904.

2. Customs check the correctness of the declaration status request. If the message is correct then customs reply with the acknowledgement message IE905. If the message is incorrect then customs reply with the rejection message IE906.

2.7 Acceptance of the error message

Customs may reply with error messages IE316, IE305, IE324 and IE906 to a message sent by a trader. The type of error and its location in a trader's message are indicated in error messages.

For example, if the commodity code or the description of goods are not declared in an ENS sent with the message IE315, then the error message referring to the rule C585 will be sent for reply.

Information on an error consists of the error type (codelist 49), error location (i.e. data group or element) and of the reason (code of the rule, e.g. 'C574' or the number of a codelist, e.g. 'CL12'). Error location is defined on the basis of the sequence of occurrence of the data groups and data elements, e.g. "goodsItem(3).packages(4).kindOfPackages" means that error was detected in the content or format of the data element "Kind of package units" (=Package) of the 4th package unit of the goods item number 3 (=Goods Item).

3 Descriptions of messages

Messages have two identifiers: logical (e.g. IE315) and technical (e.g. CC315A) and also the name. In XSD-files the technical identifiers are used and therefore the title headings include both identifiers.

3.1 IE315 (CC315A) – entry summary declaration message

Entry summary declaration ENS is the basic message that a trader sends to ICS.

Cargo manifests (the specific attribute "F") and List of goods (the specific attribute "L") are sent to ICS with the same message as ENS.

File IE315.xsd contains the specification of the message and file IE315.xml is example message without values.

3.2 IE328 (CC328A) – declaration acknowledgement message

ICS sends the message IE328 to the person lodging the ENS and to the trader at entry (carrier) as a positive reply to the message IE315.

Goods data will not be sent to the trader at entry when it is different from person lodging ENS (rule R134).

File IE328.xsd contains the specification of the message and file IE328.xml is example message without values.

3.3 IE316 (CC316A) – declaration rejection message

ICS sends the message IE316 to the person lodging ENS as a negative reply to the message IE315. ENS reference number, time and reason of rejection are stated in the general part (header) of the message.

File IE316.xsd contains the specification of the message and file IE316.xml is example message without values.

3.4 IE313 (CC313A) – declaration amendment request

Trader sends the declaration amendment request to ICS with the message IE313. Data composition of the message is almost the same as of the message IE315; only some data elements have been renamed (e.g. date of the amendment request instead of the date of lodgement).

File IE313.xsd contains the specification of the message and file IE313.xml is example message without values.

3.5 IE304 (CC304A) – declaration amendment acknowledgement message

ICS sends the message IE304 to the person lodging the amendment request as a positive reply to the message IE313.

File IE304.xsd contains the specification of the message and file IE304.xml is example message without values.

3.6 IE305 (CC305A) – declaration amendment rejection message

ICS sends the message IE305 to the person lodging the amendment request as a negative reply to the message IE313. Reference number of the request, time and reason of rejection are stated in the general part (header) of the message.

File IE305.xsd contains the specification of the message and file IE305.xml is example message without values.

3.7 IE323 (CC323A) – diversion request

Trader sends the diversion request to ICS with the message IE323.

File IE323.xsd contains the specification of the message and file IE323.xml is example message without values.

3.8 IE325 (CC325A) – diversion request acknowledgement message

ICS sends the message IE325 to the trader requesting diversion as a positive reply to the message IE323. The code of the first entry customs office and the data of a trader requesting diversion are mandatory of the roles. Registrtion time of the request will also be sent.

File IE325.xsd contains the specification of the message and file IE325.xml is example message without values.

3.9 IE324 (CC324A) – diversion request rejection message

ICS sends the message IE324 to the trader requesting diversion as a negative reply to the message IE323. The reference number of the request, time and reason for its rejection are indicated in the general part (header) of the message.

File IE324.xsd contains the specification of the message and file IE324.xml is example message without values.

3.10 IE351 (CC351A) – advanced intervention notification message

ICS sends the message IE351 to the person lodging ENS and to the carrier in case type 'A' risk has been detected as a result of the Community risk analysis. In case the last character of the code of risk analysis is either B or C and if the person lodging ENS has the AEO certificate type AEOS and/or AEOF, then ICS may send the message IE351 to the person lodging ENS prior to the arrival of goods. The most essential part of the message is the indication of at least one data element of customs intervention measures; the maximum number of customs intervention measures indicated may be 999 elements. Customs intervention measures may concern the entire ENS or only certain goods, in which case the message contains references only to the goods in relation of which the risk was detected.

File IE351.xsd contains the specification of the message and file IE351.xml is example message without values.

3.11 IE904 (CC904A) – declaration status request message

Trader sends the declaration status request with the message IE904.

File IE904.xsd contains the specification of the message and file IE904.xml is example message without values.

3.12 IE905 (CC905A) – response to declaration status request message

ICS sends the message IE905 as a responce to the declaration status request message IE904.

File IE905.xsd contains the specification of the message and file IE905.xml is example message without values.

3.13 IE906 (CC906A) – error message

ICS sends the message IE906 to the trader requesting declaration status as a negative reply to the message IE904. The reference number of the request, time and reason for its rejection are indicated in the general part (header) of the message.

File IE906.xsd contains the specification of the message and file IE906.xml is example message without values.

4 Technical rules of compiling messages

This chapter describes general technical rules for compiling messages to be sent via X-Road.

References to these rules are made in the XML message templates annexed to the specification.

4.1 Fields of a message header

messageSender – EORI code of a trader sending the message.

messageRecipient – constant NICA.EE.

dateOfPreparation – date of a message creation in the format YYYYMMDD

timeOfPreparation – time of a message creation in the format HHMM.

priority – is not used.

testIndicator – is not used.

messageIdentification – unique identifier.

messageType – type of a message in the format CC315A. NB! Message type must not be in the format IE315.

correlationIdentifier – is not used.

4.2 Other fields

All the other fields covered by the rule TR0099 must be left out.

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5 Rules of data elements

This chapter describes the rules used for checking of the messages. References to these rules are made in the XML message templates annexed to the specification.

Rules may be related to the data groups (e.g. goods = GOODS ITEM), or to the data elements, (e.g. the sequential number of goods = GOODS ITEM.Item number). Rules are arranged by messages starting from the basic message ENS (IE315); the same rules have not been described again in subsequent messages. For technical reasons some rules in the ICS system may be given in different parts for different messages, for example rule R001 has been realized in two ways: rules R001/1 and R001/2. The description of a rule in the table covers also the sub-rules.

Rule	Description
C511	IF only one Trader Consignor is declared for all goods items
	THEN the data group 'Trader Consignor (box 2)' on IMPORT OPERATION level is used
	ELSE the data group 'Trader Consignor (ex box 2)' on GOODS ITEM level is used
	<u>Data groups:</u> (CONSIGNOR) TRADER
	<u>Description:</u> Trader Consignor data group in accepted and sent messages may be given either at general level or at the level of all goods. If the data group in the accepted message is given at both levels then an error message will be sent. The sent message will be converted so that the data would comply with the rule.
C529	IF first digit of 'Specific circumstance indicator = 'A'
	THEN the attribute 'Transport mode at the border' (box 25)' '7' and '9' can not be used
	IF first digit of 'Specific circumstance indicator = 'C'
	THEN the attribute 'Transport mode at the border' (box 25)' '1', '2', '4', '7', '8' and '9'
	can not be used
	IF first digit of 'Specific circumstance indicator = 'D'
	THEN the attribute 'Transport mode at the border' (box 25)' '1', '3', '4', '7', '8' and '9'
	can not be used
	ELSE the attribute 'Transport mode at the border' (box 25)' = 'R' (any value)
	It should be noted that the last ELSE is to cover all the cases where the specific circumstance indicator is different from A, C or D (i.e. blank or E).
	<u>Elements:</u> HEADER.Transport mode at order
	<u>Description:</u> the mode of transport must be filled all the times. In case of specific circumstance indicator code A transport type codes 7 and 9 should not be used; in case of specific circumstance indicator code C transport type codes 1, 2, 4, 7, 8 and 9 should not be used; in case of specific circumstance indicator code D transport type codes 1, 3, 4, 7, 8 and 9 should not be used.

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C583	IF the attribute 'Additional information id' = '10600' is used for all GOODS ITEM data groups
	THEN the data group 'TRADER Consignee' cannot be used and the data group 'TRADER Notify Party' = 'O'
	ELSE IF the attribute 'Additional information id' = '10600' is used for at least one GOODS ITEM
	THEN the data group 'TRADER Consignee' cannot be used and the data group 'TRADER Notify Party' cannot be used
	ELSE the data group 'TRADER Notify Party' cannot be used and the data group 'TRADER Consignee' = 'O'
	Elements: HEADER.(CONSIGNEE) TRADER ja HEADER.NOTIFY PARTY
	Description:
	C583/1 if at least one goods item have additional information code 10600, then data group Consignee should not be filled
	C583/2 Data group Notify Party should not be filled at Header Level, if all goods items do not have additional information code 10600
C584	IF the attribute 'Additional information id' = '10600' is used in this GOODS ITEM
	THEN IF the data group 'TRADER Notify party' is used
	THEN the data groups 'GOODS ITEM.TRADER.Notify party' and 'GOODS ITEM.TRADER Consignee' cannot be used
	ELSE the data group 'GOODS ITEM.TRADER.Notify party' = 'R' and the data group 'GOODS ITEM.TRADER Consignee' cannot be used
	ELSE IF the data group 'TRADER Consignee' is used
	THEN the data groups 'GOODS ITEM.TRADER Consignee' and 'GOODS ITEM.TRADER.Notify party' cannot be used
	ELSE the data group 'GOODS ITEM.TRADER Consignee' = 'R' and the data group 'GOODS ITEM.TRADER.Notify party' cannot be used
	Elements: GOODS ITEM..(CONSIGNEE) TRADER ja GOODS ITEM..NOTIFY PARTY
	Description:
	C584/1 Data group Consignee should not be filled, if goods item have additional information code 10600
	C584/1 Data group Consignee should not be filled, if Cosignee is filled at Header Level
	C584/1 Data group Consignee should be filled, if Cosignee is not filled at Header Level
	C584/2 Data group Notify Party should not be filled, if goods item do not have

	additional information code 10600
	C584/2 Data group Notify Party should not be filled, if Notify Party is filled at Header Level
	C584/2 Data group Notify Party should be filled, if goods item have additional information code 10600 and Notify Party is not filled at Header Level
C567	IF the attribute 'Specific Circumstance Indicator = 'A', 'C'
	THEN the attribute 'Commercial Reference Number (box 7)', 'Commercial Reference Number (ex box 7)' and the datagroup 'PRODUCED DOCUMENTS/CERTIFICATES' = 'O'
	ELSE
	IF the attribute 'Commercial Reference Number (box 7)' and 'Commercial Reference Number (ex box 7)' is not used,
	THEN at least one attribute 'PRODUCED DOCUMENTS/CERTIFICATES.Document type' pointing to a transport document must be present
	ELSE the data group 'PRODUCED DOCUMENTS/CERTIFICATES' = 'O'
	<u>Data groups:</u> PRODUCED DOCUMENTS/CERTIFICATES
	<u>Elements:</u> Commercial Reference Number
	<u>Description:</u> if the Specific Circumstance Indicator = 'A', 'C', then the element Commercial Reference Number is not mandatory neither at the general level nor at the goods item level.
	If the Specific Circumstance Indicator != 'A', 'C', and the element Commercial Reference Number is missing, then at least one reference must be present pointing to the a transport document 'PRODUCED
	DOCUMENTS/CERTIFICATES.Document type'. If the Commercial Reference Number is present, then the datagroup PRODUCED DOCUMENTS/CERTIFICATES is not mandatory.
R866	If the ENS is lodged by another party than the Carrier, then the transport document of the Carrier should be declared, if available.
	<u>Data groups:</u> PRODUCED DOCUMENTS/CERTIFICATES
	<u>Elements:</u> Document type, Document reference
	<u>Description:</u> if the Person lodging ENS is not the carrier, then the transport document of the Carrier should be declared, if available. This rule applies at the datagroup level as well as at the level of data elements.
	if(entryCarrier is designated AND entryCarrier != lodgingSummaryDeclPerson) {
	then goodsItem/producedDocumentsCert must be present for each goods item}

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C585	IF the attribute 'GOODS ITEM.Textual description' is used
	THEN this data group is = 'O'
	ELSE this data group is = 'R'
	Data groups: (CODE) COMMODITY
	Description: if the description of goods is not present at the level of goods items, then the commodity code is mandatory.
C019	IF 'Identity Crossing Border (box 21)' is present or if 'Transport mode at border (box 25)' = '4'
	THEN the data group can not be used
	ELSE
	IF 'IMPORT OPERATION.Specific circumstance indicator' is = 'A'
	THEN the data group = 'O'
	ELSE the data group = 'R'
	Data groups: (MEANS OF TRANSPORT AT BORDER) IDENTITY
	Description: if the identifier of the means of transport (Identity Crossing Border) is present at the general level or if the mode of transport at border is 4, then the data group must not be present. If the Specific circumsatance indicator is not 'A', then the data group is mandatory.
C577	IF the attribute 'Specific circumstance indicator' = 'A' or 'B'
	THEN this data group or attribute = 'O'
	ELSE this data group or attribute = 'R'
	Data groups: PACKAGES
	Description: if the Specific circumstance indicator != (A või B), then the data group PACKAGES is mandatory.
C570	IF the attribute 'Specific circumstance indicator' = 'B'
	THEN the data group is = 'O'
	ELSE
	IF the attribute 'Specific circumstance indicator' = 'A'
	THEN the attribute must occur at least once (min. 1 value)
	ELSE this attribute must occur at least twice (min. 2 values)
	Data groups: ITINERARY
	Description: if the Specific circumstance indicator = B, then the prescribed itinerary is not mandatory; if it is A, then the itinerary must contain at least 1 value, in other cases at least 2 values.

R879	Exit: The country of final destination must be entered in any case. If the special circumstance indicator is not equal to 'A', then at least the country of original departure must be entered additionally.
	Entry: The country of original departure must be entered in any case. If the special circumstance indicator is not equal to 'A', then at least the country of final destination must be entered additionally.
	Data groups: ITINERARY
	Description: the first country of original departure must always be entered. If the Specific circumstance indicator is not equal to A, then at least the country of final destination must be entered.
R827	The 'Customs Office of Lodgement' shall be present if it is different from the 'Customs Office of first Entry' and not be present if it is the same as the 'Office of first Entry'.
	Data groups: (LODGEMENT) CUSTOMS OFFICE
	Description: for ENS Customs office of lodgement must be filled in only if it is different from the Customs Office first Entry, otherwise the field must be left blank. For Manifest and List of the Goods filling of Customs office of lodgement is mandatory.
R896	The data group 'TRADER Representative' can be used by the 'PERSON Lodging the entry summary declaration' to authorise a Representative to amend an Entry summary declaration on his behalf at the Office of first Entry concerned. If preventive/prohibitive measures are to be taken (IE351) or if controls at Entry are to be communicated to the trader prior to the arrival at Entry (IE351), the trader identified here, will be receiving the 'Advanced intervention notification' – IE351.
	Data groups: (REPRESENTATIVE) TRADER
	Description: the person lodging ENS may designate a representative who can lodge the ENS amendment request with the first entry customs office. If the advanced intervention notification IE351 or a notification on commencement of customs control of goods at entry will be sent, then the same representative will be receiving the message.
R808	If some of the goods are destined to be transported to subsequent Offices of Entry, then this data group is required.
	Data groups: (SUBSEQUENT ENTRY) CUSTOMS OFFICE
	Description: if some of the goods will be transported to subsequent customs offices of entry, then the data group (SUBSEQUENT ENTRY) CUSTOMS OFFICE is mandatory.
R806	The data group is required if different from the data group 'PERSON Lodging the summary declaration'.
	Data groups: (ENTRY CARRIER) TRADER
	Description: Trader at entry (carrier) is a mandatory data element if the person

	lodging ENS and the carrier are different persons.
TR9085	In Normal Mode of Operation if this field is used it must have a value of 0.
	Elements: MESSAGE.Test indicator
	Description: Normally the value of this element must be equal to zero, only in testing situation it may be different.
R891	The Local Reference Number (LRN)/Diversion LRN/Pre-Arrival LRN/Arrival LRN shall be a number/identifier allocated by the sending TRADER for a specific transaction (ENS, Pre-Arrival Notification, Arrival notification). It shall be unique per Trader sending the transaction.
	Elements: Reference number
	Description: Trader shall generate the Local Reference Number (LRN). Combination of a Trader ID and and of the LRN number/identifier must be unique.
R826	For air cargo transported with other modes of transport than air, the other mode of transport shall be declared (e.g. for air cargo transported on road, the mode of transport '3' (road) shall be declared).
	Elements: HEADER.Transport mode at border, IMPORT OPERATION.Transport mode at border
	Description: the other mode of transport shall be respectively declared when air cargo is actually transported with other modes of transport, e.g. for air cargo transported by road, the mode of transport '3' (road transport) shall be declared.
C017	IF 'Transport mode at border (box 25)' = '1' or '8'
	THEN the attribute = 'R'
	IF 'Transport mode at border (box 25)' = '4'
	THEN the attribute can not be used
	ELSE the attribute = 'O'
	Elements: Identity of means of transport crossing border
	Description: if the mode of transport is '1' or '8', then the data element is mandatory. If the mode of transport is '4', then the data element must not occur.
C514	IF the attribute is present
	IF 'Transport mode at border' = '1' or '8'
	THEN the attribute consists either of the International Maritime Organisation (IMO) ship identification number (format n7 - leading '0' allowed) or of the European Vessel Identification Number (ENI) (format n8 - leading '0' allowed)
	IF 'Transport mode at border' = '2'
	THEN the attribute consists of the wagon number and has no format restrictions
	IF 'Transport mode at border' = '3'

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	THEN the attribute consists of the registration plate number and has no format restrictions
	ELSE no format restrictions
	Elements: HEADER.Identity of means of transport crossing border, GOODS ITEM.(MEANS OF TRANSPORT AT BORDER)IDENTITY.Identity of means of transport crossing border
	Description: Rule of data format: if the mode of transport is either 1 or 8, then the attribute format must be either n7 (IMO ship identification number) or n8 (ENI vessel identification number), leading '0' is allowed.
C582	IF the data group 'PACKAGES' is used
	THEN this attribute is = 'R'
	ELSE this attribute can not be used
	Elements: Total number of packages
	Description: if the data group PACKAGES is filled in, then the data element Total number of packages is mandatory, in other cases this data element must not be used.
R105	The total number of packages is equal to the sum of all 'Number of packages' + all 'Number of pieces' + a value of '1' for each declared 'bulk'.
	Elements: Total number of packages
	Description: Rule of the total number of packages: the sum of all 'Number of packages' + all 'Number of pieces' + a value '1' for each declared bulk goods.
R834	This following check shall be performed if the AEO-Database in which the AEO certificate numbers are registered is available when performing the check:
	•The 'Specific circumstance indicator' with value 'E' (AEO) can be used only if the 'Person Lodging the ENS' and all 'Consignees' declared in the ENS have a valid AEO certificate of type 'AEOF' or 'AEOS'.
	•If an amendment request (IE313) is concerned and if the amendment request is sent by a
	Representative, then the Representative shall have a valid AEO certificate of type 'AEOF' or 'AEOS' as well.
	Elements: Specific Circumstance Indicator
	Description: if the AEO database is available, then the following condition will be checked:
	Specific circumstance indicator = E means that AEO attribute can be used used only in case, if:
	1) the person lodging the ENS and all Consignees declared in the ENS have a valid AEO certificate of type 'AEOF' or 'AEOS';
	2) the trader representative lodging the ENS amendment request IE313 has also the

	valid AEO certificate of type AEOF or AEOS.
TR0518	IF 'Transport mode at border' = '4'
	THEN the attribute is 'R' and consists of the (IATA) flight number and has format an..8:
	- an..3: mandatory prefix identifying the airline/operator
	- n..4: mandatory number of the flight
	- a1: optional suffix
	ELSE the attribute is 'O' and the format of the attribute has no restrictions
	Elements: HEADER.Conveyance reference number
	Description: if the mode of transport at border = 4, then the attribute containing IATA flight number compatible to the format an..8 is mandatory.
	- an..3: mandatory code identifying the air carrier/operator
	- n..4: mandatory flight number
	- a1: additional attribute is optional
	Specification: Must contain at least 1 letter/digit and 1 numeric character. (1-3 letters/digits, 1-4 digits, 1 additional attribute).
R843	The 'Conveyance Reference Number' is the identification of the journey of the means of transport (e.g. flight number, train number, voyage number, trip number).
	Elements: HEADER.Conveyance reference number
	Description: Conveyance reference number may be the flight number, train number, voyage number of ship or of other means of transport.
C574	IF the attribute 'Specific circumstance indicator' = 'A'
	THEN
	the attribute 'IMPORT OPERATION.Loading place' is = 'O'
	the attribute 'GOODS ITEM.Loading place' can not be used
	ELSE
	IF the attribute 'IMPORT OPERATION.Loading place' is used
	THEN the attribute 'GOODS ITEM.Loading place' can not be used
	ELSE the attribute 'GOODS ITEM.Loading place' = R
	Elements: Place of loading
	Description: This rule applies for the element 'Place of loading' at the general level as well as at the goods level.
	If the Spefific circumstance indicator = A, then the place of loading must not occur at the goods level.

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	If the Specific circumstance indicator != A and the element 'Place of loading' is filled in at the general level, then the place of loading must not occur at the goods level, otherwise the place of loading at the goods level is mandatory.
R670	The first two digits of the 'Place of loading' and 'Place of unloading' shall consist of the country code. Elements: Place of loading, Place of unloading Description: the first 2 digits of the data element of the place of loading and of the place of unloading must contain the country code. The code of a place of storage may be indicated only at the goods level. The code of a storage place must be written between the square brackets. Example: [YH/0001/EE300EE]
C501	IF the attribute 'TIN' is present in the data group (and thus known by EORI) THEN this attribute = 'O' ELSE this attribute = 'R' Data groups: all the roles: Consignor, Consignee, Entry Carrier Trader, Notify party, Person lodging summary declaration, Representative trader Elements: Name, Street and number, Postal code, City, Country code Description: if the attribute TIN is not present in the same data group, then the data elements are mandatory.
C562	IF 'Specific circumstance indicator is 'E' THEN the attribute = 'R' ELSE the attribute = 'O' Elements: (CONSIGNEE)TRADER.TIN, GOODS ITEM.(CONSIGNEE)TRADER.TIN Description: if the Specific circumstance indicator = E, then TIN is mandatory.
R005	"Item no" (box 32) is always used even if "Items" (box 5) = "1", "Item no" (box 32) is also "1" Elements: GOODS ITEM.Item number Description: Element 'Item number' must always be filled in, even if the element 'Items' = 1.
R007	Each 'Item no' (box 32) is unique throughout the declaration 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". Elements: GOODS ITEM.Item number Description: the Item number is unique throughout the declaration, starting from 1 for the first item and incrementing the numbering by 1 for each following item.

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C592	IF the attribute 'Specific circumstance indicator' = 'E' and/or
	if 'IMPORT OPERATION.Total gross mass is used
	THEN this attribute is = 'O'
	ELSE this attribute is = 'R'
	<u>Elements</u>: Gross mass
	<u>Description</u>: if the Specific circumstance indicator = E and/or 'Total gross mass' is filled in at the general level, then the data element 'Gross mass' may be filled in, but in other cases it is mandatory.
C576	IF the attribute EXPORT OPERATION / IMPORT OPERATION / TRANSIT OPERATION.Transport charges – Method of payment' is used
	THEN this attribute can not be used
	ELSE this attribute = 'O'
	<u>Elements</u>: GOODS ITEM.Transport charges/ Method of Payment
	<u>Description</u>: if the element 'Transport charges – Method of payment' is filled in at the general level, then at the goods level it must not occur.
R823	The United Nations Dangerous Goods Identifier (UNDG) is the unique serial number (n4) assigned within the United Nations to dangerous substances and articles. This element shall be provided where it is relevant.
	<u>Elements</u>: GOODS ITEM.UN dangerous goods code
	<u>Description</u>: the classification values of dangerous goods are used.
C574	IF the attribute 'Specific circumstance indicator' = 'A'
	THEN
	the attribute 'IMPORT OPERATION.Loading place' is = 'O'
	the attribute 'GOODS ITEM.Loading place' can not be used
	ELSE
	IF the attribute 'IMPORT OPERATION.Loading place' is used
	THEN the attribute 'GOODS ITEM.Loading place' can not be used
	ELSE the attribute 'GOODS ITEM.Loading place' = R
	<u>Elements:</u> Place of loading
	<u>Description:</u> This rule applies for the element 'Place of loading' at the general level as well as at the goods level.
	If the Spefific circumstance indicator = A, then the place of loading must not occur at the goods level.
	If the Specific circumstance indicator != A and the element 'Place of loading' is filled in at the general level, then the place of loading must not occur at the goods

	level, otherwise the place of loading at the goods level is mandatory.
C579	IF the attribute 'Specific circumstance indicator' = 'B' or 'E' THEN IF the attribute 'IMPORT OPERATION.Unloading place' is used THEN the attribute 'GOODS ITEM.Unloading place' can not be used, ELSE the attribute 'GOODS ITEM.Unloading place' = 'O' ELSE IF the attribute 'IMPORT OPERATION.Unloading place' is used THEN the attribute 'GOODS ITEM.Unloading place' can not be used, ELSE the attribute 'GOODS ITEM.Unloading place' = R Elements: Place of unloading Description: This rule applies for the element 'Place of unloading' at the general level as well as at the goods level. If the Specific circumstance indicator = B või E: And the place of unloading is present at the general level, then it must not occur at the goods level. If the Specific circumstance indicator != (B või E): And the place of unloading is present at the general level, then it must not occur at the goods level. If the place of unloading is not present at the general level, then it is mandatory at the goods level.
R080	Only the SPECIAL MENTIONS that are marked as 'Common' in the reference data will be sent to Destination/Exit/Entry by means of the IE01/501/801. Elements: SPECIAL MENTIONS.Additional information coded Description: In entry messages only the codes of additional information of 'Common' type are sent, i.e. the conformity to classification 39 is checked (at present the only value is 10600).
R881	If the attribute is used, its minimum length is 4 digits. Elements: (CODE) COMMODITY.Combined Nomenclature Description: if the data element (Code) Commodity is used, then minimum length of the code is 4 digits.
C020	IF 'Transport mode at border (box 25)' = '2', '5', '7' or '9' THEN 'Nationality crossing border (ex. box 21) = 'O' ELSE 'Nationality crossing border (ex. box 21) = 'R' Elements: GOODS ITEM.(MEANS OF TRANSPORT AT BORDER)

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	IDENTITY.Nationality
	Description: if Transport mode at border is not 2, 5, 7 or 9, then country (=Nationality) is mandatory.
C024	IF 'Transport mode at border (box 25)' is '3' and if 'Identity Crossing Border (box 21)' is present
	THEN the attribute = 'R'
	ELSE the attribute can not be used
	Elements: Nationality of means of transport crossing border, Nationality
	Description: if the Transport mode at border is '3' and the transport mode identifier is present at the general level, then the data element is mandatory. In other cases the data element must not occur.
C062	IF „Kind of packages' (Box 31) indicates „BULK' (UNECE rec 21 : „VQ', „VG', „VL', „VY', 'VR' or „VO')
	THEN „Number of packages' (box 31) can not be used
	„Number of Pieces' (box 31) can not be used
	'Marks & numbers of Packages (Box 31)' = 'O'
	ELSE
	IF „Kind of packages' (Box 31) indicates „UNPACKED" (UNECE rec 21 : = „NE', 'NF' or 'NG')
	THEN „Number of packages' can not be used
	„Number of Pieces' (box 31) = „R'
	'Marks & numbers of Packages (Box 31)' = 'O'
	ELSE „Number of packages' (box 31) = „R'
	„Number of Pieces' (box 31) can not be used
	IF the attribute 'Specific circumstance indicator' is not used
	THEN the attribute 'Marks & numbers of Packages (Box 31)' = 'R'
	ELSE the attribute 'Marks & numbers of Packages (Box 31)' = 'O'
	Elements: PACKAGES.Marks & numbers of packages, Number of packages, Number of pieces
	Description: if the Kind of packages is 'BULK' (bulk goods), then the Number of packages must not occur. If the Kind of packages is 'UNPACKED', then the Number of packages must not occur, but the Number of pieces is mandatory; in other cases the Number of packages is mandatory and the Number of pieces must not occur. If the 'Specific circumstance indicator' is not filled in, then the data element 'Marks & numbers of Packages' is mandatory.
R021	A zero '0' is to be considered as a valid number in this field.

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	Elements: PACKAGES.Number of packages
	Description: in this field '0' is an acceptable number.
R828	Following rule shall be checked on the basis of the common reference data:
	If the Office of Lodgement is located in another Member State than the Office of first Entry (first 2 digits of the Customs Office.Reference number are different), then the Office of Lodgement shall only accept the ENS if both of following conditions are met:
	•The Member State in which the Office of Lodgement is located must accept to receive the ENS and to forward it to the Member State in which the Office of first Entry is located;
	•The Member State in which the Office of first Entry is located must accept to receive and process ENS that is forwarded by an Office of Lodgement in another Member State.
	Elements: (LODGEMENT) CUSTOMS OFFICE.Reference number
	Description: The rule uses a table for performing the checks, which contains the information on the countries sending messages to other Member States from the customs offices of lodgement located in these countries and are accepting messages from other Member States as the first entry customs offices.
	The customs office of lodgement will accept ENS only if:
	1) the MS of the location of a customs office of lodgement enables sending of the ENS to the MS of the first entry customs office, and
	2) the MS of the location of a first entry customs office enables the acceptance of the ENS from the MS of a customs office of lodgement.
R836	Following rule shall be checked on the basis of the Customs Office reference data:
	The Office of Lodgement to which the ENS is sent must be entitled to act as an Office of Lodgement.
	Elements: (LODGEMENT) CUSTOMS OFFICE.Reference number
	Description: The classification of customs offices is used for checking if a customs office of lodgement has beed assigned the role of the 'Lodgement customs office'.
R660	The time has to be given in the format YYYYMMDDHHMM where:
	YYYY = Year
	MM = Month
	DD = Day
	HH = Hour
	MM = Minute
	Description: the data element expressing dat and time must be presented in the format YYYYMMDDHHMM.

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R666	The scheduled date/date and time of arrival of the means of transport at the declared first Office of Entry shall be provided. It shall be the local date and time of the first place of arrival.
	Elements: HEADER.Expected date of arrival, (FIRST ENTRY) CUSTOMS OFFICE.Expected date and time of arrival
	Description: Date (or also time) when a means of transport is expected to arrive at the first customs office of entry declared in accordance with the local date and time of the first place of arrival.
C502	IF 'Transport mode at border' = '1', '4' or '8'
	THEN the attribute = 'R'
	ELSE the attribute = 'O'
	Elements: (ENTRY CARRIER)TRADER.TIN
	Description: In case the transport mode at border is 1, 4 or 8, then the trader TIN is mandatory.
R123	From the originally received IE, only the attributes in error are transmitted back to the Trader, indicating whether the attribute(s) in question is missing or incorrect
	Data groups: FUNCTIONAL ERROR
	Description: the reason for sending a error message: only the attributes in error are transmitted back to the trader, indicating whether the attribute is missing or its value is incorrect.
R098	R098 The values and the use of this attribute are documented in the Design Document for National Import/Export/Transit Applications (DDNIA, DDNXA and DDNTA).
	Elements: FUNCTIONAL ERROR.Error type, Error pointer, Error reason, Original attribute value
	Description: The use and description of error codes is documented in ICS technical specification (Design Document).
R134	The data group/attribute shall not be used if the message is sent to the 'Person lodging the ENS'. If the message is sent to the 'Trader at Entry (Carrier)' and if the same data group/attribute is present in the ENS, then it shall be present.
	Data groups: GOODS ITEM
	Elements: IE351: HEADER.Transport mode at border, HEADER.Identity of means of transport crossing border, HEADER.Commercial reference number, HEADER.Conveyance reference number, GOODS ITEM.Commercial reference number, (FIRST ENTRY)CUSTOMS OFFICE.Expected date and time of arrival
	Description: the principle for creation of the message: this data group is not used when the message is sent to the person lodging ENS. If the message is sent to the Trader and the same data group/data element is present in the ENS, then it is used.

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R147	The data group shall be used if the ENS to which the message refers to contains one or more 'Document Type (Box 44)' which refers to transport documents. All declared transport documents shall be included in the message.
	Data groups: PRODUCED DOCUMENTS/CERTIFICATES
	Description: the principle for creation of the message: this data group is used, if the former ENS contains the document types (Box 44) referring to the transport documents. All the declared transport documents must be included in the message.
C571	IF the attribute 'Item Number concerned' for at least one of the occurrences of the data group
	CUSTOMS INTERVENTION' is present
	THEN the data group is = 'O'
	ELSE the data group can not be used
	Data groups: GOODS ITEM
	Description: if the data group CUSTOMS INTERVENTION contains not a single attribute 'Item Number concerned', then the data groups GOODS ITEM must not occur.
R818	The data group/attribute shall be included in the message, if it had been provided by the Trader in the corresponding received declaration.
	Elements: HEADER.Commercial Reference Number, HEADER.Conveyance reference number, GOODS ITEM.Commercial Reference Number
	Description: the principle for creation of the message: the data group/data element is present in a message, if the trader has included it in the former declaration.
R833	The data group 'Customs Office of Lodgement' shall be present if it is present in the ENS (IE315 or amendment IE313) to which the IE351 refers to.
	Data groups: (LODGEMENT) CUSTOMS OFFICE
	Description: the principle for creation of the message: customs office of lodgement is present in the message, if it was included in the former ENS (IE315) or in the amendment request (IE313).
R895	Only the Trader to whom the Office concerned is sending the advanced intervention notification (IE351) shall be used in the message.
	Data groups: (REPRESENTATIVE) TRADER
	Description: the principle for creation of the message: this message includes only the data of a trader to whom the customs office concerned is sending the message IE351.
R811	The 'Total number of items' is the total number of goods items sent in this message.
	Elements: HEADER.Total number of items
	Description: the principle for creation of the message: the total number of goods

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	items sent with this message mattches with the number of goods elements. It must be checked, if HEADER.Total number of items matches with the number of GOODS ITEM data groups.
R810	The attribute 'GOODS ITEM.Item number (Box 32) must match with the attribute 'Item Number concerned' of at least one of the occurrences of the data group 'CUSTOMS INTERVENTION'. Elements: GOODS ITEM.Item number Description: GOODS ITEM.Item number must match with at least one of the CUSTOMS INTERVENTION.Item Number concerned.
R136	The data group shall contain only the 'Document Type (Box 44)' which refers to transport documents. Elements: PRODUCED DOCUMENTS/CERTIFICATES.Document type Description: This data group may contain only the transport documents.
R809	If the intervention/control notification is for one or some of the declared containers/identities crossing border (box 21)/transport documents, only those container numbers/ identities crossing border (box 21)/transport documents, shall be included in the message. Elements: PRODUCED DOCUMENTS/CERTIFICATES.Document type Description: the principle for creation of the message: only the container numbers or the means of transport at border identities or the transport documents subject to the effective advanced intervention notification may be included in this message.
R888	The item number as presented in the accepted (Entry) summary declaration with the same MRN has to be entered. Elements: CUSTOMS INTERVENTION.Item Number concerned Description: The item number of the prohibited goods must match with the MRN goods position of the accepted ENS.
R115	The IE structure used for the amendment is the same as E_DEC_DAT/E_EXP_DAT/E_EXS_DAT/E_ENS_DAT with some changes: replace LRN by MRN R an18, replace „Declaration date by „Date of amendment" R n8, (NCTS /ECS) replace „Declaration date and time" by „Date and time of amendment" R n12 (ICS), replace „Declaration place" by „Amendment place" R an..35 The IE transmits a complete amended declaration data, this means that all data groups and attributes are transmitted and not only those that are amended. Data groups: MESSAGE Description: message of the amendment request has almost the same structure as the original ENS message, except a few changed data elements (LRN has been replaced

	with MRN, declaration date and place have been replaced with the date and place of the amendment request).
R829	The data group 'Customs Office of Lodgement' shall not be present.
	Data groups: MESSAGE
	Description: Customs office of lodgement is missing in the message of the amendment request because the amendment request may be be sent only to a customs office of entry, not to the customs office of lodgement of another MS.
R841	The value in the data group 'Representative' shall be equal to the 'Representative' identified by the 'Person lodging the ENS' in the original (first) version of the ENS.
	Data groups: MESSAGE
	Description: the data group Representative indicated in the amendment request must be the same as identified by the person lodging the original (first) version of ENS.
R842	The 'CUSTOMS OFFICE of first Entry. Reference number' shall be an Office which is located in the same Member State as the one identified by the 'Person lodging the ENS' in the original (first) version of the ENS.
	Data groups: MESSAGE
	Description: the customs office of first entry must be located in the same MS as the customs office declared by the person lodging the ENS in the original (first) version of the ENS.
R886	No amendment allowed for 'PERSON lodging the summary declaration'. The 'CUSTOMS OFFICE of (first)Entry' must be located in the same Member State as the Office of first Entry declared in the Entry summary declaration
	Data groups: MESSAGE
	Description: the Person lodging ENS is not allowed to lodge an amendment request. The customs office of first entry must be located in the same MS as declared in the ENS.
C552	IF 'PERSON Lodging the summary declaration' is used (because he is the sender of the amendment request)
	THEN data group 'Trader Representative' can not be used
	ELSE data group 'Trader Representative' = 'R' (because he is the sender of the amendment request)
	Data groups: (REPRESENTATIVE) TRADER, (LODGING SUMMARY DECLARATION) PERSON
	Description: if the data group of the Person lodging the ENS is filled in, then the data group of the Trader representative must not occur; in other cases the Trader representative data group is mandatory because the representative is the person lodging the amendment request.
R814	The Office to which the amendment request had been submitted shall be used. It is

	the Office to which this message will be sent.
	Data groups: (FIRST ENTRY) CUSTOMS OFFICE
	Description: the customs office to which the amendment request will be sent.
C310	IF 'Amendment rejection motivation code' = '?' (other) *
	THEN 'Amendment rejection motivation text' = 'R'
	ELSE 'Amendment rejection motivation text' = 'O'
	* (To be defined at national level).
	Elements: HEADER.Amendment rejection motivation text
	Description: the amendment rejection motivation text is mandatory for the MS who have defined the motivation rejection codes (Estonia has not defined the rejection motivation codes).
A023	IF 'Specific circumstance indicator = 'F' and 'Transport mode at border' = '4'
	THEN the attribute = 'R'
	ELSE the attribute = 'O'
	Elements: SPECIAL MENTIONS
	Description: IF 'Specific circumstance indicator' is 'F' and 'Transport mode at border' is '4' then at the goods item level additional information code should be declared.
A027	IF 'Specific circumstance indicator = '1' or 'Specific circumstance indicator = 'A' or 'Specific circumstance indicator = 'D' or 'Specific circumstance indicator = 'C' or 'Specific circumstance indicator = 'E' or 'Specific circumstance indicator = 'S'
	THEN the attribute = 'R'
	ELSE the attribute = 'O'
	Description: If 'Specific circumstance indicator 1, A, D, C, E or S, then Place of declaration shoukd be declared.
A013	Code of Office of first Entry should be customs Office in Estonia
A014	In case of ENS Code of Office of first Entry is reguired. In case of Manifest and List of Goods Code of Office of first Entry is required when Goods item level have reference to document type ENS.
A015	In case of Manifest and List of Goods of Office of first Entry may be declared only when at least one Goods item level have reference to document type ENS
TR0519	If Mode of transport at the order is not = 1, then Conveyance reference number cannot start wih XFER
	Elements: transportModeAtBorder, conveyanceReferenceNumber
TR0022	Number of packages with the same Marks and numbers should be more than 0
	Elements: goodsItem.packages.numberOfPackages,

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	goodsItem.packages.numberOfPackagesLong
R840	Registration code should be EORI or EORI-like number of the 3rd country trader Elements: TIN
R837	Registration code should be EORI Elements: TIN
A028	Additional information coded 10100 may be used only when Mode of transport at the border = 4. Elements: transportModeAtBorder, additionalInformationCoded
A029	ENS reference number have wrong format Elements: goodsItem.producedDocumentsCertificates.documentReference
TR0811	Total Number of items should be equal to declared number of Goods items on the declaration Elements: totalNumberOfItems
TR0812	Total Gross mass should be equal or greater than sum of Gross masses on Goods item level. Elemets: goodsItem.grossMass, totalGrossMass
TR0021	Data element value should be greater than 0. Elemets: grossMass , totalGrossMass

6 Code lists

This chapter provides the code lists used for compiling messages.

Description of a code list	Number of a code list	Code of a code list
Country codes according to ISO-3166 / 1996 standard	8	COUNTRY
Codes of the EU Member States	10	COMMUNITY_TRANSIT_COUNTRY
Language codes for determining the language of declarations and free text fields	12	LANGUAGE_CODE
Type of produced documents to be sent within the common domain	1300	NATIONAL_DOCUMENT_TYPE
Kind of packages used for packaging of the goods	17	KIND_OF_PACKAGES
Transport mode of active means of transport	18	TRANSPORT_MODE

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Used for Boolean attributes (positive/negative value)	27	FLAG
Special mention codes (SAD Box 44), see the Regulation 1875/2006	3900	NATIONAL_SPECIAL_ME NTION
Amendment request rejection motivation codes	45	AMENDMENT_REJECTIO N_MOTIVATION_CODE
Functional error codes	49	FUNCTIONAL_ERROR_CO DE
Message types	60	MESSAGE_TYPE
Other special circumstance indicators, see the Regulation 1875/2006. A Postal and express consignments C Road mode of transport D Rail mode of transport E Authorised economic operators F Manifest (specific indicator in Estonia for distinction of cargo manifest from ENS) L List of goods (specific indicator in Estonia for distinction of the goods list from ENS)	9600	NATIONAL_SPECIFIC_CIR CUMSTANCE_INDICATO R
UN code list of dangerous goods	101	UN_DANGEROUS_GOODS _CODE
Customs control type in case customs decide to inspect the goods	108	CUSTOMS_INTERVENTIO N_CODE
Information type, in phase 1 of ICS the value is equal to 1	109	INFORMATION_TYPE
Code of the method of payment of transport costs	116	TRANSPORT_CHARGES_ METHOD_OF_PAYMENT
Codes of Estonian Customs Offices	2000	CUE_COC
Codes of Customs Offices	3000	ENTRY_CUSTOMS_OFFIC E

7 Declaration statuses

Code	
NOT_FOUND	
ACCEPTED	
ALL_GOODS_COMPLETED	
CHECKING_ENS	

DELETED	
EXPIRED	
FORWARDED_TO_FIRST_ENTRY_CO	
LOCKED	
PROCESSING	
REGISTERED	
REJECTED	
SOME_GOODS_COMPLETED	

8 Description of message templates

This chapter describes the information given in the comments of message templates.

Sample message:

```
<producedDocumentsCertificates><!-- count: 0..99 C567 -->

<documentType></documentType><!-- an..4 codelist: 13 -->

<documentReference></documentReference><!-- an..35 -->

<documentReferenceLng></documentReferenceLng><!-- a2 optional TR0099 codelist: 12 -->

</producedDocumentsCertificates>
```

The following data may be indicated after each element:

1. In case of structural elements the number of allowed iterations is indicated like this: count: 1 or count: 0..99. If the number of itereations is zero, then this is a non-mandatory element, i.e. this element may be missing in a message. If the number of iterations is not indicated, then it is a mandatory element, which must always be present in a message. If the maximum number of iterations is more than one, then the element may occur successively in a message for several times. In the above sample message - producedDocumentsCertificates is a structural element, which may be missing or may occur for up to 99 times.
2. The keyword 'optional' may be indicated after non-structural elements. This means that addition of an element is not mandatory. There may never be more than one non-structural element.
3. Data type given after non-structural elements is presented in the form n2, an..4, n..11,3 or r (regular expression). Description of the data type consists of two parts: type and length. Type may be either a, n, an or r. A is ASCII letter between a..z or A..Z; n is a numeric

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character and may include also a dot and minus; an is the free text. Length may be either a certain numeral, meaning that the field must have exactly the required length; ..a numeral, meaning that the field may have the length up to the indicated marks, or ..a numeral showing the numeric format as follows: length of integer part comma length of fraction. R means regular expression.

4. The number of a code list, where the value of a certain field must belong, may be indicated after the non-structural data type. The number of a code list is given in the following form: codelist: number. Description of code lists is given in Chapter 5.

5. A list of rules to which the field must conform may be given after each field. Names of rules are given in the form Cxxx, Rxxx or TRxxx. Content of the rules is described in Chapter 6.

9 File format of codes

This chapter describes the file format of codes. Code file contains all the codes of the required code lists.

Code file is a text file consisting of the entries as follows:
```
list incremental TRANSPORT_CHARGES_METHOD_OF_PAYMENT
code valid 2006-01-01 A
attr DESCRIPTION
.EN Payment in cash
code invalid 2016-01-01 A
```

Essential entry information:

> Name of a code list – in the above example
> TRANSPORT_CHARGES_METHOD_OF_PAYMENT
>
> Code – in the above example A
>
> Start time of the validity period of the code– in the above example 2006-01-01
>
> Code description – in the above example Payment in cash
>
> End time of the validity period of a code – in the above example 2016-01-01

Code lists file contains information on the entire history of the code lists. But only the valid codes are needed when compiling messages. Consequently only these codes may be used, which are valid at the time of compiling a message, the current date must remain within the validity period of a code used. The code used in a sample message is valid at the time and may be used in the messages, because the current date (17.02.2009) remains within the validity period (01.01.2006 – 01.01.2016).

Linkage of code lists with the fields is done through a code of a code list and through the code list number.

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The code list number is indicated in a message template presented in Chapter 7. A code of a code list may be found from the table of code lists according to the code list number (see Chapter 6). On the basis of a code of a code list and the current date it is possible to find in the codes file all the codes that may currently be used in a certain field.

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