



- Zodiak ICS Interface (XML) -

Customs Acknowledgement

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Used tools

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W1	This document has been created using <i>Microsoft Word 2010</i> .

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1 Introduction

This document describes the XML Message “CustomsAcknowledgement” which is used within the ZODIAK ICS XML Interface in order to forward informations from customs acknowledgement and rejection messages to the customer.

Currently, the CustomsAcknowledgement message covers all of customs’ reply messages except for the E_ENS_ACK (Entry Summary declaration acceptance) and E_ENS_AAC (Entry Summary declaration amendment acceptance). Those are covered by the EntrySummaryDeclarationAck message.

Each message sent to DAKOSY by a customer will be acknowledged with an Acknowledgement message. Only after a positive Acknowledgement has been generated, the customer’s message will be forwarded to customs, potentially generating a second message from customs which will be either a CustomsAcknowledgement or an EntrySummaryDeclarationAck (see previous paragraph).

Note: General information about messages used within the ZODIAK ICS XML interface, a basic message flow diagram as well as a description of the metadata elements/types can be found in the “General Information” document for the XML Interface. This includes descriptions of <Transaction> and <ObjectIdentification> elements which will be used for the CustomsAcknowledgement as well.

2 Data contained in Acknowledgement or Error Messages

This document describes one of the messages used by ZODIAK ICS to report the successful (or unsuccessful) processing of data back to the sender of that data.

2.1 Mapping of Acknowledgement and Error Messages to messages in ZODIAK ICS

Due to structural differences and different restrictions imposed by the EDIFACT and XML messages used for ZODIAK ICS, differences exist between the conversion of acknowledgement/error messages for the XML and EDIFACT formats. The following table describes which messages from customs/DAKOSY are converted into which type of message before being sent to the customer:

Message	Description	XML Message	EDIFACT Message
E_ENS_ACK, E_ENS_AAC, E_EXS_ACK	Customs Acknowledgement of Exit Summary Declaration, ENS or ENS Amendment	EntrySummaryDeclarationAck	IFTMCS "ACK"
E_ENS_REJ, E_ENS_ARJ, E_EXS_REJ	Customs Rejection of Exit Summary Declaration, ENS or ENS Amendment	CustomsAcknowledgement	APERAK
E_DIV_ACK, E_DIV_REJ	Acceptance or Rejection of a diversion request	CustomsAcknowledgement	APERAK
E_ARN_VAL, E_ARI_REJ	Acceptance or Rejection of an arrival notification / an arrival item	CustomsAcknowledgement	APERAK
--	Response Message from DAKOSY	Acknowledgement	APERAK
E_ENS_STA	Status Message	Customs Acknowledgement	APERAK

The purpose of these "multi use" messages can be determined based on the contents of certain data fields within the messages. An exact description of those data fields can be found in the format-specific sections of the respective guide.

2.2 Error Codes

A list of the error codes sent by DAKOSY will be made available on <http://www.dakosy.de>. The error codes sent by the different customs agencies in Europe are currently not published, therefore DAKOSY cannot provide a comprehensive list of these codes.

3 Usage of the Customs Acknowledgement for different purposes

3.1 Entry Summary Declaration Rejection

The following fields/elements are used when the Customs Acknowledgment is sent to the customer to report an Entry Summary Declaration Rejection:

Element	Description
//Header/LRN	The local reference number of the ENS declaration which is rejected
//Header/AcknowledgementDateTime	This is the date and time when the ENS declaration was rejected
//Header/RejectionReasons	If provided by customs, this element will contain a textual description of the reason for the rejection (optional element)
ErrorItems/*	These elements will be sent back for the errors which customs detected in the original message

3.2 Entry Summary Declaration Amendment Rejection

The following fields/elements are used when the Customs Acknowledgment is sent to the customer to report an Entry Summary Declaration Amendment Rejection:

Element	Description
//Header/MRN	The MRN number which belongs to the declaration whose amendment has been rejected
//Header/AcknowledgementDateTime	This is the date and time when the ENS amendment was rejected
//Header/RejectionCode	This is the date and time when the original ENS amendment was sent by the customer
//Header/RejectionReasons	This field contains the value of the AmendmentRejectionMotivationCode of the message from customs. The exact usage of the code is to be determined on national level
//Header/PersonLodgingTheSummaryDeclaration/*	This elements will contain information about the person lodging the summary declaration if and as far as provided by customs
//Header/TraderRepresentative/*	These elements will contain information about the trader representative if and as far as provided by customs
//Header/CustomsOfficeOfFirstEntry/ReferenceNumber	This field will contain the reference number of the first customs office at entry registered for the declaration
ErrorItems/*	These elements will be sent back for any errors which customs detected in the amendment message (optional element)

3.3 Diversion Request Acknowledgement (Acceptance)

The following fields/elements are used when the Customs Acknowledgment is sent to the customer to report a Diversion Request Acknowledgment:

Element	Description
//Header/LRN	The LRN number which the requesting trader assigned to the diversion request
//Header/DeclarationRegistrationDateTime	This is the date and time when the diversion request was

	sent
//Header/RequestingTrader/*	This elements will contain information about the trader who requested the diversion
//Header/CustomsOfficeOfFirstEntry/ReferenceNumber	This field will contain the reference number of the(new) first customs office at entry registered for the declaration

3.4 Diversion Request Rejection

The following fields/elements are used when the Customs Acknowledgment is sent to the customer to report a Diversion Request Acknowledgement:

Element	Description
//Header/LRN	The local reference number of the diversion request which is rejected
//Header/AcknowledgementDateTime	This is the date and time when the diversion request was rejected
//Header/RejectionReasons	If provided by customs, this element will contain a textual description of the reason for the rejection (optional element)
ErrorItems/*	These elements will be sent back for the errors which customs detected in the original message

3.5 Arrival Notification Validation (Acceptance or Rejection)

The following fields/elements are used when the Customs Acknowledgment is sent to the customer to report an Arrival Notification Validation. It is important to note that, depending on the country sending the information, the validation can be used for positive as well as for negative acknowledgements:

Element	Description
//Header/LRN	The LRN number of the arrival notification
//Header/MRN	The MRN number which belongs to the arrival notification in question
//Header/DeclarationLRN	The local reference number of the ENS declaration (optional element)
//Header/AcknowledgementDateTime	Date and time when the arrival notification was accepted or rejected
//Header/DeclarationRegistrationDateTime	Date and time when the original ENS declaration was registered
//Header/RejectionReasons	Textual description of the reason for a rejection of the Arrival Notification
//Header/RequestingTrader/*	This elements will contain information about the trader at entry (the carrier, which will usually be identical to the trader who sent the arrival notification)
//Header/CustomsOfficeOfFirstEntry/ReferenceNumber	This field will contain the reference number of the actual first customs office at entry
ErrorItems/*	These elements will be sent back for any errors which customs detected in the original message (optional element)

3.6 Arrival Item Rejection (Arrival Notification Rejection)

National customs agencies may decide to use either the Arrival Notification Validation message to accept or reject arrival notifications and/or to use the Arrival Item Rejection to reject Arrival Notifications.

If such a rejection is sent the following fields in the Customs Acknowledgement message will be used:

Element	Description
//Header/LRN	The LRN which the requesting trader assigned to arrival notification
//Header/AcknowledgementDateTime	This is the date and time when the arrival notification was rejected
//Header/ImportOperation/MRN	This element is used on MRN level to inform about the MRN for which an arrival notification was rejected
//Header/ ImportOperation/MRNItemNumber	This element is used on MRN level to inform about the item number within an MRN for which an arrival notification was rejected
//Header/ImportOperation/LRN	This element might be used on MRN level to inform the LRN of the original ENS declaration for which an arrival notification was rejected (optional element)
//Header/ImportOperation/ArrivalRejectionReasons	This element might be used on MRN level to inform about the reason for the rejection of an individual MRN / MRN item (optional element)
ErrorItems/*	These elements will be sent back for any errors which customs detected in the original message (optional element)

4 Message Structure

Occurrence	Element/Attribute
1 .. 1	xs:sequence
1 .. 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
1 .. 1	Messages
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	CustomsAcknowledgement
1 .. 1	xs:sequence
1 .. 1	ObjectIdentification
1 .. 1	xs:sequence
1 .. 1	ObjectName
0 .. 1	ObjectAlias
0 .. 1	TypeOfDeclaration
0 .. 1	OriginalMessageName
0 .. 1	TransactionReference
0 .. 1	EDIFACTMessageNo
1 .. 1	DateOfReceipt
1 .. 1	EventSeverity
1 .. 1	EventLocation
1 .. 1	Header
1 .. 1	xs:sequence
0 .. 1	LRN
0 .. 1	DeclarationLRN
0 .. 1	AcknowledgementDateTime
0 .. 1	DeclarationRegistrationDateTime
0 .. 1	MRN
0 .. 1	TransportModeAtBorder
0 .. 1	CommercialReferenceNumber
0 .. 1	ConveyanceReferenceNumber
0 .. 1	IdentityOfMeansOfTransportAtBorder
1 .. 1	xs:sequence
0 .. 1	IdentityCrossingBorder
0 .. 1	DeclarationStatus
0 .. 1	RejectionCode
0 .. 1	RejectionReason
0 .. 1	RequestingTrader
1 .. 1	xs:sequence
1 .. 1	TIN
0 .. 1	BranchNumber
0 .. 1	Address
1 .. 1	xs:sequence
0 .. 1	Name

Occurrence	Element/Attribute	
0 .. 1	<ul style="list-style-type: none"> 	
0 .. 1		Name2
0 .. 1		StreetAndNumber
0 .. 1		Country
0 .. 1		Postcode
1 .. 1		City
0 .. 1		LanguageCode
0 .. 1	xs:sequence	
0 .. 1	ContactPerson	
1 .. 1	xs:sequence	
1 .. 1	Name	
0 .. 1	CompanyPosition	
1 .. 1	PhoneNumber	
0 .. 1	Fax	
0 .. 1	EmailAddress	
0 .. 1	RIN	
0 .. 1	PersonLodgingTheSummaryDeclaration	
1 .. 1	xs:sequence	
0 .. 1	TIN	
0 .. 1	BranchNumber	
0 .. 1	Address	
1 .. 1	xs:sequence	
0 .. 1	Name	
0 .. 1	Name2	
0 .. 1	StreetAndNumber	
0 .. 1	Country	
0 .. 1	Postcode	
1 .. 1	City	
0 .. 1	LanguageCode	
0 .. 1	xs:sequence	
0 .. 1	ContactPerson	
1 .. 1	xs:sequence	
1 .. 1	Name	
0 .. 1	CompanyPosition	
1 .. 1	PhoneNumber	
0 .. 1	Fax	
0 .. 1	EmailAddress	
0 .. 1	RIN	
0 .. 1	TraderRepresentative	
1 .. 1	xs:sequence	
0 .. 1	TIN	
0 .. 1	BranchNumber	
0 .. 1	Address	
1 .. 1	xs:sequence	
0 .. 1	Name	
0 .. 1	Name2	
0 .. 1	StreetAndNumber	
0 .. 1	Country	
0 .. 1	Postcode	
1 .. 1	City	
0 .. 1	LanguageCode	
0 .. 1	xs:sequence	
0 .. 1	ContactPerson	
1 .. 1	xs:sequence	

Occurrence	Element/Attribute
1 .. 1	Name
0 .. 1	CompanyPosition
1 .. 1	PhoneNumber
0 .. 1	Fax
0 .. 1	EmailAddress
0 .. 1	RIN
0 .. 1	TraderAtEntryCarrier
1 .. 1	xs:sequence
0 .. 1	TIN
0 .. 1	BranchNumber
0 .. 1	Address
1 .. 1	xs:sequence
0 .. 1	Name
0 .. 1	Name2
0 .. 1	StreetAndNumber
0 .. 1	Country
0 .. 1	Postcode
1 .. 1	City
0 .. 1	LanguageCode
0 .. 1	CustomsOfficeOfFirstEntry
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	ReferenceNumber
1 .. 1	LocationCode
0 .. 1	ExpectedDateAndTimeOfArrival
0 .. 1	ImportOperations
1 .. 1	xs:sequence
1 .. 99999	ImportOperation
1 .. 1	xs:sequence
1 .. 1	MRN
1 .. 1	MRNItemNumber
0 .. 1	LRN
0 .. 1	ArrivalItemRejectionReason
0 .. 1	ErrorItems
1 .. 1	xs:sequence
1 .. 999	FunctionalError
1 .. 1	xs:sequence
1 .. 1	ErrorType
1 .. 1	ErrorPointer
0 .. 1	ErrorReason
0 .. 1	OriginalAttributeValue
0 .. 1	ErrorText

5 Guideline

Element/Attribute	Annotation
xs:sequence	Occurrence 1 .. 1
Transaction	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
IOPartner	Occurrence 1 .. 1 Length .. 10
IODivision1	Occurrence 0 .. 1 Length .. 10
IODivision2	Occurrence 0 .. 1 Length .. 10
IODivision3	Occurrence 0 .. 1 Length .. 10
OrgUnit	Occurrence 0 .. 1 Length .. 256
IOReference	Occurrence 1 .. 1 Length .. 35
IODateTime	Occurrence 1 .. 1
Version	Occurrence 1 .. 1 Length .. 3 Pattern 006 007 Remark This field should contain the following value: 007
Messages	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
xs:choice	Occurrence 1 .. 1
CustomsAcknowledgement	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
ObjectIdentification	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
ObjectName	Occurrence 1 .. 1 Length .. 35 Remark Messages sent from ZODIAK ICS will contain the local reference number in their ObjectName field
ObjectAlias	Occurrence 0 .. 1 Length .. 35 Description 2. Objekt Name Remark Unused in ZODIAK ICS
TypeOfDeclaration	Occurrence 0 .. 1 Default ORIGINAL Length .. 10 Description This field is used to distinguish between original and update messages of the EntrySummaryDeclaration resp. the EntrySummaryDeclarationAck.
OriginalMessageName	Occurrence 0 .. 1 Length .. 10 Description For messages sent from customs, this field contains the TAXUD name of the original message Remark Messages from German customs might contain "E_FEHLER" instead of a "real" TAXUD name
Applicable Codes	
E_ARI_REJ	
E_ARN_VAL	
E_DIV_ACK	
E_DIV_REJ	
E_ENS_ARJ	
E_ENS_REJ	
E_ENS_STA	
E_EXS_ACK	
NLBB15	

Element/Attribute	Annotation
	<p>Applicable Codes NLBB16 NLBB24 NLBB51</p>
<p>TransactionReference</p>	<p>Occurrence 0 .. 1 Length .. 35 Description The TransactionReference element refers to the IOReference of the original message which is acknowledged/rejected.</p>
<p>EDIFACTMessageNo</p>	<p>Occurrence 0 .. 1 Length .. 35 Description Unique message reference number assigned by customs Remark This field contains the technical reference of a customs message which is transmitted to the customer via the ZODIAK ICS XML interface</p>
<p>DateOfReceipt</p>	<p>Occurrence 1 .. 1 Description Date and time when the event reported occurred Remark For ZODIAK ICS, this field contains the date and time when the original message (the one being acknowledged of forwarded with this XML message) was received</p>
<p>EventSeverity</p>	<p>Occurrence 1 .. 1 Length .. 10 Description Possible values are: *OKAY *WARNING *ERROR</p>
	<p>Applicable Codes *ERROR *OKAY *WARNING</p>
<p>EventLocation</p>	<p>Occurrence 1 .. 1 Length .. 20 Description This field is used to indicate where in the communications chain an error occurred (at DAKOSY or at customs)</p> <p>Applicable Codes *CUSTOMS-C *CUSTOMS-G *CUSTOMS-TE *DAKOSY-CO *DAKOSY-EDI- *DAKOSY-ZOD DAKOSY customs</p>
<p>Header</p>	<p>Occurrence 1 .. 1</p>
<p>xs:sequence</p>	<p>Occurrence 1 .. 1</p>
<p>LRN</p>	<p>Occurrence 0 .. 1 Length .. 22 Description Local Reference Number Remark Unique reference assigned by the message sender in order to link the message with his inhouse system. The LRN will be sent back in any customs response messages. Definition accd. TAXUD: "The Local Reference Number (LRN)/Diversion LRN/Arrival LRN shall be a number/identifier allocated by the sending TRADER for a specific transaction (ENS, Arrival notification). It shall be unique per Trader sending the transaction." Note: For ENS to UK, RO and LV, DAKOSY will translate the sender's LRN to a certain format required by these countries' customs agencies. This means that the LRN</p>

Element/Attribute	Annotation
	specifier here is not known to the customs agencies in these countries.
DeclarationLRN	<p>Occurrence 0 .. 1</p> <p>Length .. 22</p> <p>Remark Unique reference assigned by the message sender in order to link the message with his inhouse system. The LRN will be sent back in any customs response messages.</p> <p>Definition accd. TAXUD: "The Local Reference Number (LRN)/Diversion LRN/Arrival LRN shall be a number/identifier allocated by the sending TRADER for a specific transaction (ENS, Arrival notification). It shall be unique per Trader sending the transaction."</p> <p>Note: For ENS to UK, RO and LV, DAKOSY will translate the sender's LRN to a certain format required by these countries' customs agencies. This means that the LRN specifier here is not known to the customs agencies in these countries.</p> <p>Description Local Reference Number of the original entry summary declaration</p>
AcknowledgementDateTime	Occurrence 0 .. 1
DeclarationRegistrationDateTime	Occurrence 0 .. 1
MRN	<p>Occurrence 0 .. 1</p> <p>Length 18 .. 18</p> <p>Pattern \d\d[A-Z]{2}[A-Za-z0-9]{14}</p> <p>Description MRN associated with the ENS declaration</p>
TransportModeAtBorder	<p>Occurrence 0 .. 1</p> <p>Length .. 1</p>
CommercialReferenceNumber	<p>Occurrence 0 .. 1</p> <p>Length .. 70</p> <p>Description Unique identification of consignment e.g. UCR or freight document number.</p>
ConveyanceReferenceNumber	<p>Occurrence 0 .. 1</p> <p>Length .. 35</p>
IdentityOfMeansOfTransportAtBorder	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
IdentityCrossingBorder	<p>Occurrence 0 .. 1</p> <p>Length .. 27</p> <p>Description Name or indicator of the registration number (means of transport at border)</p> <p>Remark For sea freight, the vessel's IMO or ENI number has to be submitted here. The field must not be used in case of air freight (TransportModeAtBorder = 4)</p>
DeclarationStatus	<p>Occurrence 0 .. 1</p> <p>Length .. 5</p> <p>Applicable Codes</p> <p>ENS01</p> <p>ENS02</p> <p>ENS03</p>
RejectionCode	<p>Occurrence 0 .. 1</p> <p>FractionDigits 0</p> <p>TotalDigits 1</p> <p>Inclusive 0 ..</p> <p>Pattern \d{1}</p> <p>Description Reason for the rejection of an amendment (will not be sent from all countries)</p> <p>Applicable Codes</p> <p>1 Trader not allowed to amend</p> <p>2 Cancelled</p>

Element/Attribute	Annotation
	Applicable Codes 3 MRN unknown 4 5 Goods entered already 6 Goods released for subsequent procedure already 9 Goods under control
RejectionReason	Occurrence 0 .. 1 Length .. 350
RequestingTrader	Occurrence 0 .. 1 Occurrence 1 .. 1
xs:sequence	
TIN	Occurrence 1 .. 1 Length .. 17 Remark An EORI-TIN consists of a two-digit countrycode (e.g. 'DE') and up to 15 alphanumeric characters, e.g. CZ1234FGH55 Description EORI-TIN
BranchNumber	Occurrence 0 .. 1 Pattern \d{4} Remark The branch number is 4-digit numeric. '0000' must be transmitted, if the participant did not apply for branch number(s). Branch (0000 - 9999).
Address	Occurrence 0 .. 1 Occurrence 1 .. 1
xs:sequence	
Name	Occurrence 0 .. 1 Length .. 35
Name2	Occurrence 0 .. 1 Length .. 35 Description Name Continuation Remark This field is used for sending the 2nd part of the company name (if the name is longer than 35 char). It is used by finnish customs only.
StreetAndNumber	Occurrence 0 .. 1 Length .. 35
Country	Occurrence 0 .. 1 Pattern [a-zA-Z]{2}
Postcode	Occurrence 0 .. 1 Length .. 9
City	Occurrence 1 .. 1 Length .. 35
LanguageCode	Occurrence 0 .. 1 Pattern [a-zA-Z]{2} Description This field can be used to provide a two-character language code, describing the language used for address and contact data. Whether this field is used and whether it is mandatory depends on the receiving country of a message.
xs:sequence	
ContactPerson	Occurrence 0 .. 1 Occurrence 1 .. 1
xs:sequence	
Name	Occurrence 1 .. 1 Length .. 35 Description Name of contact person (in the company)
CompanyPosition	Occurrence 0 .. 1 Length .. 35 Description Position of the contact person (in the company)
PhoneNumber	Occurrence 1 .. 1 Length .. 35 Description Phone number of the contact person (in the company)

Element/Attribute	Annotation
Fax	Occurrence 0 .. 1 Length .. 35 Description Fax of the contact person (in the company)
EmailAddress	Occurrence 0 .. 1 Length .. 256 Description Email address of the contact person (in the company)
RIN	Occurrence 0 .. 1 Length .. 17 Description The 'RIN' will only be used for certain messages to customs in Austria
PersonLodgingTheSummaryDeclaration	Occurrence 0 .. 1 Description Contains information about the participant/person who lodged the entry summary declaration
xs:sequence	Occurrence 1 .. 1
TIN	Occurrence 0 .. 1 Length .. 17 Remark An EORI-TIN consists of a two-digit countrycode (e.g. 'DE') and up to 15 alphanumeric characters, e.g. CZ1234FGH55 Description EORI-TIN
BranchNumber	Occurrence 0 .. 1 Pattern \d{4} Remark The branch number is 4-digit numeric. '0000' must be transmitted, if the participant did not apply for branch number(s). Branch (0000 - 9999).
Address	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 0 .. 1 Length .. 35
Name2	Occurrence 0 .. 1 Length .. 35 Description Name Continuation Remark This field is used for sending the 2nd part of the company name (if the name is longer than 35 char). It is used by finnish customs only.
StreetAndNumber	Occurrence 0 .. 1 Length .. 35
Country	Occurrence 0 .. 1 Pattern [a-zA-Z]{2}
Postcode	Occurrence 0 .. 1 Length .. 9
City	Occurrence 1 .. 1 Length .. 35
LanguageCode	Occurrence 0 .. 1 Pattern [a-zA-Z]{2} Description This field can be used to provide a two-character language code, describing the language used for address and contact data. Whether this field is used and whether it is mandatory depends on the receiving country of a message.
xs:sequence	Occurrence 0 .. 1
ContactPerson	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1 Length .. 35 Description Name of contact person (in the company)
CompanyPosition	Occurrence 0 .. 1 Length .. 35 Description Position of the contact person (in the company)

Element/Attribute	Annotation
PhoneNumber	<p>Occurrence 1 .. 1</p> <p>Length .. 35</p> <p>Description Phone number of the contact person (in the company)</p>
Fax	<p>Occurrence 0 .. 1</p> <p>Length .. 35</p> <p>Description Fax of the contact person (in the company)</p>
EmailAddress	<p>Occurrence 0 .. 1</p> <p>Length .. 256</p> <p>Description Email address of the contact person (in the company)</p>
RIN	<p>Occurrence 0 .. 1</p> <p>Length .. 17</p> <p>Description The 'RIN' will only be used for certain messages to customs in Austria</p>
TraderRepresentative	<p>Occurrence 0 .. 1</p> <p>Description Contains information about the representative</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
TIN	<p>Occurrence 0 .. 1</p> <p>Length .. 17</p> <p>Remark An EORI-TIN consists of a two-digit countrycode (e.g. 'DE') and up to 15 alphanumeric characters, e.g. CZ1234FGH55</p> <p>Description EORI-TIN</p>
BranchNumber	<p>Occurrence 0 .. 1</p> <p>Pattern \d{4}</p> <p>Remark The branch number is 4-digit numeric. '0000' must be transmitted, if the participant did not apply for branch number(s). Branch (0000 - 9999).</p>
Address	<p>Occurrence 0 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Name	<p>Occurrence 0 .. 1</p> <p>Length .. 35</p>
Name2	<p>Occurrence 0 .. 1</p> <p>Length .. 35</p> <p>Description Name Continuation</p> <p>Remark This field is used for sending the 2nd part of the company name (if the name is longer than 35 char). It is used by finnish customs only.</p>
StreetAndNumber	<p>Occurrence 0 .. 1</p> <p>Length .. 35</p>
Country	<p>Occurrence 0 .. 1</p> <p>Pattern [a-zA-Z]{2}</p>
Postcode	<p>Occurrence 0 .. 1</p> <p>Length .. 9</p>
City	<p>Occurrence 1 .. 1</p> <p>Length .. 35</p>
LanguageCode	<p>Occurrence 0 .. 1</p> <p>Pattern [a-zA-Z]{2}</p> <p>Description This field can be used to provide a two-character language code, describing the language used for address and contact data. Whether this field is used and whether it is mandatory depends on the receiving country of a message.</p>
xs:sequence	<p>Occurrence 0 .. 1</p>
ContactPerson	<p>Occurrence 0 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
Name	<p>Occurrence 1 .. 1</p> <p>Length .. 35</p> <p>Description Name of contact person (in the company)</p>

Element/Attribute	Annotation
CompanyPosition	Occurrence 0 .. 1 Length .. 35 Description Position of the contact person (in the company)
PhoneNumber	Occurrence 1 .. 1 Length .. 35 Description Phone number of the contact person (in the company)
Fax	Occurrence 0 .. 1 Length .. 35 Description Fax of the contact person (in the company)
EmailAddress	Occurrence 0 .. 1 Length .. 256 Description Email address of the contact person (in the company)
RIN	Occurrence 0 .. 1 Length .. 17 Description The 'RIN' will only be used for certain messages to customs in Austria
TraderAtEntryCarrier	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
TIN	Occurrence 0 .. 1 Length .. 17 Remark An EORI-TIN consists of a two-digit countrycode (e.g. 'DE') and up to 15 alphanumeric characters, e.g. CZ1234FGH55 Description EORI-TIN
BranchNumber	Occurrence 0 .. 1 Pattern \d{4} Remark The branch number is 4-digit numeric. '0000' must be transmitted, if the participant did not apply for branch number(s). Branch (0000 - 9999).
Address	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 0 .. 1 Length .. 35
Name2	Occurrence 0 .. 1 Length .. 35 Description Name Continuation Remark This field is used for sending the 2nd part of the company name (if the name is longer than 35 char). It is used by finnish customs only.
StreetAndNumber	Occurrence 0 .. 1 Length .. 35
Country	Occurrence 0 .. 1 Pattern [a-zA-Z]{2}
Postcode	Occurrence 0 .. 1 Length .. 9
City	Occurrence 1 .. 1 Length .. 35
LanguageCode	Occurrence 0 .. 1 Pattern [a-zA-Z]{2} Description This field can be used to provide a two-character language code, describing the language used for address and contact data. Whether this field is used and whether it is mandatory depends on the receiving country of a message.
CustomsOfficeOfFirstEntry	Occurrence 0 .. 1 Description Information about the first customs office at entry
xs:sequence	Occurrence 1 .. 1
xs:choice	Occurrence 1 .. 1

Element/Attribute	Annotation
ReferenceNumber	<p>Occurrence 1 .. 1</p> <p>Length 8 .. 8</p> <p>Pattern [A-Z]{2}[A-Z0-9]{6}</p> <p>Remark This has to be a code from the COL (see http://ec.europa.eu/taxation_customs/dds/csrdhome_en.htm)</p> <p>Description Customs office code of the first customs office at entry</p>
LocationCode	<p>Occurrence 1 .. 1</p> <p>Length 5 .. 5</p> <p>Pattern [A-Z]{5}</p> <p>Description UNLocation Code</p> <p>Description Instead of a customs office reference number one might send an UNLoCode here. DAKOSY will then map the code to the appropriate number. Please contact DAKOSY if you wish to use this mapping functionality.</p> <p>Note: DAKOSY supports only a 1:1 mapping LoCode->CustomsOffice. However, for a number of ports within the EU there are several customs office codes. Therefore, a customer should always consider that the possibility to send customs office codes might be needed even if a UNLoCode is sent usually.</p>
ExpectedDateAndTimeOfArrival	<p>Occurrence 0 .. 1</p> <p>Description Expected date and time of arrival at Customs office of first entry</p>
ImportOperations	<p>Occurrence 0 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
ImportOperation	<p>Occurrence 1 .. 99999</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
MRN	<p>Occurrence 1 .. 1</p> <p>Length 18 .. 18</p> <p>Pattern \d\d[A-Z]{2}[A-Za-z0-9]{14}</p> <p>Description MRN associated with the ENS declaration</p>
MRNItemNumber	<p>Occurrence 1 .. 1</p> <p>FractionDigits 0</p> <p>TotalDigits 5</p> <p>Description Might be used to specify an individual MRN position to which a message relates. Contains "0" (zero) if the message relates to the whole MRN.</p>
LRN	<p>Occurrence 0 .. 1</p> <p>Length .. 22</p> <p>Description Local Reference Number</p> <p>Remark Unique reference assigned by the message sender in order to link the message with his inhouse system. The LRN will be sent back in any customs response messages.</p> <p>Definition accd. TAXUD: "The Local Reference Number (LRN)/Diversion LRN/Arrival LRN shall be a number/identifier allocated by the sending TRADER for a specific transaction (ENS, Arrival notification). It shall be unique per Trader sending the transaction."</p> <p>Note: For ENS to UK, RO and LV, DAKOSY will translate the sender's LRN to a certain format required by these countries' customs agencies. This means that the LRN specifier here is not known to the customs agencies in these countries.</p>
ArrivalItemRejectionReason	<p>Occurrence 0 .. 1</p> <p>Length .. 350</p>
ErrorItems	<p>Occurrence 0 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>

Element/Attribute	Annotation
FunctionalError	Occurrence 1 .. 999
xs:sequence	Occurrence 1 .. 1
ErrorType	Occurrence 1 .. 1 Length .. 10
ErrorPointer	Occurrence 1 .. 1 Length .. 210 Description Contains information about an erroneous data element. The exact usage depends on the national customs agencies.
ErrorReason	Occurrence 0 .. 1 Length .. 6
OriginalAttributeValue	Occurrence 0 .. 1 Length .. 140 Description Contains the erroneous data. The exact usage depends on the national customs agencies.
ErrorText	Occurrence 0 .. 1 Length .. 350

6 Further information on ICS / ECS

On the EU's web site, a number of documents describe the specifics of ICS and ECS. Along with some FAQ documents, one can also find examples how to handle certain scenarios such as slot-chartering agreements or short shipped containers:

http://ec.europa.eu/ecip/security_amendment/procedures/index_en.htm

Another web site contains the original text of the Annex 30a, a document describing the changes to the EU customs codex which form the basis for the ICS and ECS regulations:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2006:360:0064:0125:EN:PDF>