



# - Zodiak ICS Interface (XML) -

## Entry Release

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## Change history

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## Change requests

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## Used tools

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

## Liability

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# 1 Introduction

This document describes the XML Message “EntryRelease” which is used within the ZODIAK ICS XML Interface in order to exchange EntryRelease Messages with DAKOSY.

## 2 Message Structure

Occurrence	Element/Attribute
	<b>ICSMMessage</b>
1 .. 1	xs:sequence
1 .. 1	<b>Transaction</b>
1 .. 1	xs:sequence
1 .. 1	<b>IOPartner</b>
0 .. 1	<b>IODivision1</b>
0 .. 1	<b>IODivision2</b>
0 .. 1	<b>IODivision3</b>
0 .. 1	<b>OrgUnit</b>
1 .. 1	<b>IOReference</b>
1 .. 1	<b>IODateTime</b>
1 .. 1	<b>Version</b>
1 .. 1	<b>Messages</b>
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	<b>EntryRelease</b>
1 .. 1	xs:sequence
1 .. 1	<b>ObjectIdentification</b>
1 .. 1	xs:sequence
1 .. 1	<b>ObjectName</b>
0 .. 1	<b>ObjectAlias</b>
0 .. 1	<b>TypeOfDeclaration</b>
0 .. 1	<b>OriginalMessageName</b>
0 .. 1	<b>TransactionReference</b>
0 .. 1	<b>EDIFACTMessageNo</b>
1 .. 1	<b>DateOfReceipt</b>
1 .. 1	<b>EventSeverity</b>
1 .. 1	<b>EventLocation</b>
1 .. 1	<b>Header</b>
1 .. 1	xs:sequence
1 .. 1	<b>ArrivalLRN</b>
1 .. 1	<b>DateAndTimeOfPresentation</b>
1 .. 1	<b>TraderAtEntryCarrier</b>
1 .. 1	xs:sequence
0 .. 1	<b>TIN</b>
0 .. 1	<b>BranchNumber</b>
0 .. 1	<b>Address</b>
1 .. 1	xs:sequence
1 .. 1	<b>Name</b>
0 .. 1	<b>Name2</b>
1 .. 1	<b>StreetAndNumber</b>
1 .. 1	<b>Country</b>
1 .. 1	<b>Postcode</b>
1 .. 1	<b>City</b>
0 .. 1	<b>LanguageCode</b>
0 .. 1	<b>ControlDate</b>
1 .. 1	<b>CustomsOfficeActualOfficeOfEntry</b>
0 .. 1	<b>ImportOperations</b>
1 .. 1	xs:sequence
1 .. 99999	<b>ImportOperation</b>
1 .. 1	xs:sequence

Occurrence	Element/Attribute
1 .. 1	MRN
1 .. 1	LRN
0 .. 1	ConveyanceReferenceNumber
0 .. 1	CommercialReferenceNumber
<b>0 .. 1</b>	<b>GoodsItems</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>GoodsItem</b>
1 .. 1	xs:sequence
1 .. 1	GoodsItemNumber
0 .. 1	CommercialReferenceNumber
<b>0 .. 1</b>	<b>ContainerNumbers</b>
1 .. 1	xs:sequence
1 .. 99	ContainerNumber
<b>0 .. 1</b>	<b>IdentitiesOfMeansOfTransportAtBorder</b>
1 .. 1	xs:sequence
<b>1 .. 999</b>	<b>IdentityOfMeansOfTransportAtBorder</b>
1 .. 1	xs:sequence
0 .. 1	NationalityCrossingBorder
0 .. 1	IdentityCrossingBorder
<b>0 .. 1</b>	<b>ProducedDocumentsCertificates</b>
1 .. 1	xs:sequence
<b>1 .. 99</b>	<b>ProducedDocumentCertificate</b>
1 .. 1	xs:sequence
1 .. 1	DocumentType
1 .. 1	DocumentReference
<b>0 .. 1</b>	<b>SealsIds</b>
1 .. 1	xs:sequence
1 .. 9999	MarkNumber

### 3 Guideline

Element/Attribute	Annotation
<b>ICSMessages</b>	
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
<b>Messages</b>	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
xs:choice	Occurrence 1 .. 1
EntryRelease	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
<b>Applicable Codes</b>	
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><b>Applicable Codes</b>                      NLBB16                      NLBB24                      NLBB51</p>
TransactionReference	<p><b>Occurrence</b> 0 .. 1  <b>Length</b> .. 35  <b>Description</b> The TransactionReference element refers to the IOReference of the original message which is acknowledged/rejected.</p>
EDIFACTMessageNo	<p><b>Occurrence</b> 0 .. 1  <b>Length</b> .. 35  <b>Description</b> Unique message reference number assigned by customs  <b>Remark</b> This field contains the technical reference of a customs message which is transmitted to the customer via the ZODIAK ICS XML interface</p>
DateOfReceipt	<p><b>Occurrence</b> 1 .. 1  <b>Description</b> Date and time when the event reported occurred  <b>Remark</b> 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>
EventSeverity	<p><b>Occurrence</b> 1 .. 1  <b>Length</b> .. 10  <b>Description</b> Possible values are:                      *OKAY                      *WARNING                      *ERROR</p>
	<p><b>Applicable Codes</b>                      *ERROR                      *OKAY                      *WARNING</p>
EventLocation	<p><b>Occurrence</b> 1 .. 1  <b>Length</b> .. 20  <b>Description</b> This field is used to indicate where in the communications chain an error occurred (at DAKOSY or at customs)</p>
	<p><b>Applicable Codes</b>                      *CUSTOMS-C                      *CUSTOMS-G                      *CUSTOMS-TE                      *DAKOSY-CO                      *DAKOSY-EDI-                      *DAKOSY-ZOD                      DAKOSY                      customs</p>
Header	<p><b>Occurrence</b> 1 .. 1</p>
xs:sequence	<p><b>Occurrence</b> 1 .. 1</p>
ArrivalLRN	<p><b>Occurrence</b> 1 .. 1  <b>Length</b> .. 22  <b>Description</b> Local Reference Number  <b>Remark</b> 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.
– <b>DateAndTimeOfPresentation</b>	<b>Occurrence</b> 1 .. 1
– <b>TraderAtEntryCarrier</b>	<b>Occurrence</b> 1 .. 1
– xs:sequence	<b>Occurrence</b> 1 .. 1
– <b>TIN</b>	<b>Occurrence</b> 0 .. 1 <b>Length</b> .. 17 <b>Remark</b> An EORI-TIN consists of a two-digit countrycode (e.g. 'DE') and up to 15 alphanumeric characters, e.g. CZ1234FGH55 <b>Description</b> EORI-TIN
– <b>BranchNumber</b>	<b>Occurrence</b> 0 .. 1 <b>Pattern</b> \d{4} <b>Remark</b> The branch number is 4-digit numeric. '0000' must be transmitted, if the participant did not apply for branch number(s). Branch (0000 - 9999).
– <b>Address</b>	<b>Occurrence</b> 0 .. 1
– xs:sequence	<b>Occurrence</b> 1 .. 1
– <b>Name</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> .. 35
– <b>Name2</b>	<b>Occurrence</b> 0 .. 1 <b>Length</b> .. 35 <b>Description</b> Name Continuation <b>Remark</b> 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.
– <b>StreetAndNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> .. 35
– <b>Country</b>	<b>Occurrence</b> 1 .. 1 <b>Pattern</b> [a-zA-Z]{2}
– <b>Postcode</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> .. 9
– <b>City</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> .. 35
– <b>LanguageCode</b>	<b>Occurrence</b> 0 .. 1 <b>Pattern</b> [a-zA-Z]{2} <b>Description</b> 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.
– <b>ControlDate</b>	<b>Occurrence</b> 0 .. 1
– <b>CustomsOfficeActualOfficeOfEntry</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> 8 .. 8 <b>Pattern</b> [A-Z]{2}[A-Z0-9]{6} <b>Remark</b> This has to be a code from the COL (see <a href="http://ec.europa.eu/taxation_customs/dds/csrdhome_en.htm">http://ec.europa.eu/taxation_customs/dds/csrdhome_en.htm</a> )
– <b>ImportOperations</b>	<b>Occurrence</b> 0 .. 1
– xs:sequence	<b>Occurrence</b> 1 .. 1
– <b>ImportOperation</b>	<b>Occurrence</b> 1 .. 99999
– xs:sequence	<b>Occurrence</b> 1 .. 1
– <b>MRN</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> 18 .. 18 <b>Pattern</b> \d\d[A-Z]{2}[A-Za-z0-9]{14} <b>Description</b> MRN associated with the ENS declaration
– <b>LRN</b>	<b>Occurrence</b> 1 .. 1 <b>Length</b> .. 22 <b>Description</b> Local Reference Number <b>Remark</b> Unique reference assigned by the message sender in

Element/Attribute	Annotation
	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 specifier here is not known to the customs agencies in these countries.
ConveyanceReferenceNumber	Occurrence 0 .. 1 Length .. 35
CommercialReferenceNumber	Occurrence 0 .. 1 Length .. 70
GoodsItems	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
GoodsItem	Occurrence 1 .. 999
xs:sequence	Occurrence 1 .. 1
GoodsItemNumber	Occurrence 1 .. 1 FractionDigits 0 TotalDigits 5
CommercialReferenceNumber	Occurrence 0 .. 1 Length .. 70
ContainerNumbers	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
ContainerNumber	Occurrence 1 .. 99 Length .. 17
IdentitiesOfMeansOfTransportAtBorder	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
IdentityOfMeansOfTransportAtBorder	Occurrence 1 .. 999
xs:sequence	Occurrence 1 .. 1
NationalityCrossingBorder	Occurrence 0 .. 1 Pattern [a-zA-Z]{2} Description Country of origin of nationality crossing border (coded)
IdentityCrossingBorder	Occurrence 0 .. 1 Length .. 27 Description Name or indicator of the registration number (means of transport at border) 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)
ProducedDocumentsCertificates	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
ProducedDocumentCertificate	Occurrence 1 .. 99
xs:sequence	Occurrence 1 .. 1
DocumentType	Occurrence 1 .. 1 Length .. 4 Description Coding for document type
DocumentReference	Occurrence 1 .. 1 Length .. 35 Description Identifier of the document/ certificate (reference)
SealsIds	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
MarkNumber	Occurrence 1 .. 9999 Length .. 20