



- Zodiak ICS Interface (XML) -

IE 345

Version 1.6.0 (relates to schema version 007)

(Valid from March 2011)

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Change history

Version	Chapter/ Section	Reason	Name	Date
1.4.1		First release	Blanken	04.12.2010
1.6.0		Updated version number only	Blanken	31.03.2011

Change requests

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Used tools

Number	Used tools
W1	This document has been created using <i>Microsoft Word 2021</i> .

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1 Introduction

This document describes the XML Message “IE345” which is used within the ZODIAK ICS XML Interface in order to send IE345 Messages (Registration Notification) to DAKOSY.

Currently, the IE345 is structured to fit the requirements of the Finnish customs only.

2 Message Structure

Occurrence	Element/Attribute
	ICSMMessage
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	IE345
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
1 .. 1	CustomsReferenceNumber
1 .. 1	LocalReferenceNumber
1 .. 1	ManifestRegistrationDateAndTime
1 .. 1	ActualSubsequentEntryCustomsOffice
1 .. 1	xs:sequence
1 .. 1	xs:choice
1 .. 1	ReferenceNumber
1 .. 1	ExpectedDateAndTimeOfArrival
1 .. 1	EntryCarrierTrader
1 .. 1	xs:sequence
0 .. 1	TIN
0 .. 1	BranchNumber
0 .. 1	Address
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Name2
1 .. 1	StreetAndNumber
1 .. 1	Country
1 .. 1	Postcode
1 .. 1	City
0 .. 1	LanguageCode

Occurrence	Element/Attribute
0 .. 1	<ul style="list-style-type: none"> └─ ImportOperations
1 .. 1	<ul style="list-style-type: none"> └─ xs:sequence
1 .. 99999	<ul style="list-style-type: none"> └─ ImportOperation
1 .. 1	<ul style="list-style-type: none"> └─ xs:sequence
1 .. 1	<ul style="list-style-type: none"> └─ LocalReferenceNumber
1 .. 1	<ul style="list-style-type: none"> └─ MRN

3 Guideline

Element/Attribute	Annotation
ICSMessages	
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
IE345	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</p> <p>NLBB16 NLBB24 NLBB51</p>
TransactionReference	<p>Occurrence 0 .. 1 Length .. 35 Description The TransactionReference element refers to the IOReference of the original message which is acknowledged/rejected.</p>
EDIFACTMessageNo	<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>
DateOfReceipt	<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>
EventSeverity	<p>Occurrence 1 .. 1 Length .. 10 Description Possible values are: *OKAY *WARNING *ERROR</p> <p>Applicable Codes</p> <p>*ERROR *OKAY *WARNING</p>
EventLocation	<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</p> <p>*CUSTOMS-C *CUSTOMS-G *CUSTOMS-TE *DAKOSY-CO *DAKOSY-EDI- *DAKOSY-ZOD DAKOSY customs</p>
Header	<p>Occurrence 1 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
CustomsReferenceNumber	<p>Occurrence 1 .. 1 Length .. 17</p>
LocalReferenceNumber	<p>Occurrence 1 .. 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</p>

Element/Attribute	Annotation
	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.
ManifestRegistrationDateAndTime	Occurrence 1 .. 1
ActualSubsequentEntryCustomsOffice	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
xs:choice	Occurrence 1 .. 1
ReferenceNumber	Occurrence 1 .. 1 Length 8 .. 8 Pattern [A-Z]{2}[A-Z0-9]{6} Remark This has to be a code from the COL (see http://ec.europa.eu/taxation_customs/dds/csrdhome_en.htm) Description Customs office code of the first customs office at entry
ExpectedDateAndTimeOfArrival	Occurrence 1 .. 1 Description Expected date and time of arrival at Customs office of first entry
EntryCarrierTrader	Occurrence 1 .. 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 1 .. 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 1 .. 1 Length .. 35
Country	Occurrence 1 .. 1 Pattern [a-zA-Z]{2}
Postcode	Occurrence 1 .. 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.
ImportOperations	Occurrence 0 .. 1
xs:sequence	Occurrence 1 .. 1
ImportOperation	Occurrence 1 .. 99999
xs:sequence	Occurrence 1 .. 1

Element/Attribute	Annotation
<p>LocalReferenceNumber</p>	<p>Occurrence 1 .. 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 specifier here is not known to the customs agencies in these countries.</p>
<p>MRN</p>	<p>Occurrence 1 .. 1 Length 18 .. 18 Pattern \d\d[A-Z]{2}[A-Za-z0-9]{14} Description MRN associated with the ENS declaration</p>