



- Zodiak ICS Interface (XML) -

Diversion Request Import

Version 1.8.0

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Change history

Version	Chapter/ Section	Reason	Name	Date
1.1	All	Initial Document	Blanken	17.06.2010
1.2	All	Updated for Schema Version 007 Added possibility to indicate location instead of customs office codes	Blanken	10.09.2010
1.3		Version number in element “Version” should be “007”	Blanken	15.10.2010
1.4		Added Element “InformationType” needed when sending a diversion request to Belgian customs. Added “RIN” element to contact person (needed for declarations to Austrian customs)	Blanken	25.11.2010
1.5		(not released)		
1.6.0		Added Agent element for diversion requests to Dutch customs Added DeclarationPlace element for diversion requests to Austrian customs Amended ETA Date (ExpectedDateAndTimeOfArrival) so that it can be sent as xs:dateTime Added Name2 for all addresses, this is used for messages to Finnish customs only.	Blanken	31.03.2011
1.7.0		Addition of Branch No.	Diettrich	15.09.2012
1.8.0		Updated guide version in connection with ATLAS release 8.7	Diettrich	30.01.2017

Change requests

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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 DiversionRequestImport. Within the ZODIAK ICS XML interface this message is used by customers to file diversion requests for ENS declarations.

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.

2 Data within the Diversion Request

This document describes one of the messages used with ZODIAK ICS to send a Diversion Request to customs.

There are certain rules to obey regarding data in the diversion request, these are described here:

2.1 Entry Key vs. Transport Document Level

The EU customs law allows to send Diversion and Arrival Notification messages either on “Entry Key” or on “Transport Document / MRN” Level.

Essentially, “Entry Key level” requires the sender to submit information on the means of transport, first customs office at entry and time of arrival at the first customs office at entry only. The customs system would then use this data and search its database for ENS declarations where transport information, customs office and arrival date match with the diversion request. The diversion request will then be filed for these declarations.

The “Transport Document / MRN level” allows the party sending the diversion request to explicitly specify transport document references and MRNs for the goods which are diverted. The diversion request would be filed only for those declarations matching these more specific criteria.

For more details on “Cargo” (MRN) vs. “Conveyance” (Entry Key) diversions, see: http://ec.europa.eu/ecip/documents/procedures/import_scenarios_en.pdf ; Chapter 6

2.2 Customs Office Codes

For customs offices, ZODIAK ICS allows to use UN or IATA Location Codes instead of actual customs office codes. Please contact DAKOSY if you’re interested in using this possibility.

2.3 Local Reference Number (“Bezugsnummer”)

Local Reference Number (“Bezugsnummer”): The Local Reference Number is a reference assigned by the declarant which should allow the declarant to link a declaration to data in his own IT system. Since Diversion Requests and Arrival Notices can be done on Entry Key level while the ENS declaration usually will be done on shipment level¹, the Local Reference Number of Diversion Request and Arrival Notice can be different from the ones of the Entry Summary Declaration. The LRN has to be unique per customer, i.e. it cannot be used twice.

2.4 Rules regarding diversion requests

¹ However, there is no obligation to do so

The following is an excerpt from a document posted on the EU web site:

(http://ec.europa.eu/ecip/documents/procedures/import_entry_guidelines_en.pdf ; Chapter 11):

Where the active means of transport is to be diverted to a MS different from the MS where the declared office of first entry is located and also different from where any of the declared offices of subsequent entry are located, the operator of the active means of transport must, on the basis of Article 183d CCIP, lodge a diversion request, complying with the specifications set out in table 6 of Annex 30A and the associated explanatory notes, with the initially declared office of first entry. This office then sends the ENS data and any positive risk information to the actual office of first entry.

No diversion request is needed for cases where a transit declaration contains the security and safety data and where this declaration is used as an ENS according to Article 183a CCIP.

3 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
0 .. 1	DiversionRequestImport
1 .. 1	xs:sequence
1 .. 1	ObjectIdentification
1 .. 1	xs:sequence
1 .. 1	LocalReferenceNumber
1 .. 2	ObjectAction
0 .. 1	TypeOfDeclaration
0 .. 1	Operator
1 .. 1	Header
1 .. 1	xs:sequence
0 .. 1	DeclarationPlace
1 .. 1	TransportModeAtBorder
0 .. 1	IdentificationOfTheMeansOfTransport
0 .. 1	ETD
0 .. 1	ExpectedDateOfArrival
0 .. 1	CountryCodeOfOfficeOfFirstEntryDeclared
1 .. 1	TraderRequestingDiversion
1 .. 1	xs:sequence
1 .. 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

Occurrence	Element/Attribute
0 .. 1	EmailAddress
0 .. 1	RIN
0 .. 1	Agent
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
1 .. 1	xs:choice
0 .. 1	CustomsOfficeActualOfficeOfEntry
0 .. 1	LocationCodeActualCodeOfEntry
0 .. 1	xs:choice
0 .. 1	CustomsOfficeOfFirstEntry
0 .. 1	LocationCodeOfFirstEntry
0 .. 1	InformationType
0 .. 1	ImportOperations
1 .. 1	xs:sequence
1 .. 9999	ImportOperation
1 .. 1	xs:sequence
1 .. 1	MRN
1 .. 1	GoodsItemNumbers
1 .. 1	xs:sequence
1 .. 999	GoodsItemNumber

4 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
DiversioRequestImport	Occurrence 0 .. 1 Description IE323 - E_DIV_REQ
xs:sequence	Occurrence 1 .. 1
ObjectIdentification	Occurrence 1 .. 1
xs:sequence	Occurrence 1 .. 1
LocalReferenceNumber	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)/Diversio 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.
ObjectAction	Occurrence 1 .. 2 Length .. 10 Remark When sending messages to ZODIAK GE's ICS module, two occurrences of ObjectAction have to be included. The first one should have the value "CREATE", the second one should be "SEND".
TypeOfDeclaration	Occurrence 0 .. 1 Default ORIGINAL Length .. 10 Description This field is used to distinguish between original and update messages of the EntrySummaryDeclaration resp.

Element/Attribute	Annotation
	<p>Remark the EntrySummaryDeclarationAck. 'ORIGINAL' => ZODIAK ICS sends E_ENS_DAT (Entry Summary Declaration) 'UPDATE' => ZODIAK ICS sends E_ENS_AMD (Amendment to Entry Summary Declaration)</p>
	<p>Applicable Codes ORIGINAL UPDATE</p>
Operator	<p>Occurrence 0 .. 1 Length .. 20 Remark This field can be used to specify the username of the person sending the message from an inhouse system.</p>
Header	<p>Occurrence 1 .. 1</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
DeclarationPlace	<p>Occurrence 0 .. 1 Length .. 35 Description Place of declaration - used only for diversion requests to Austrian customs</p>
TransportModeAtBorder	<p>Occurrence 1 .. 1 Length .. 1 Description Code for type of transport mode at border</p>
IdentificationOfTheMeansOfTransport	<p>Occurrence 0 .. 1 Length .. 35 Description Kennzeichen des grenzüberschreitenden aktiven Beförderungsmittels in textueller Form Description Identification of the means of transport crossing border (text) Remark Might only be used for air or sea transport (TransportModeAtBorder contains 1, 4 or 8)</p>
ETD	<p>Occurrence 0 .. 1</p>
ExpectedDateOfArrival	<p>Occurrence 0 .. 1 Description Expected date of arrival at the originally declared Customs office of first entry Remark The arrival date indicated here should be the *same* used when sending the ENS declarations or amendments. NOTE: Most countries will only evaluate the year/month/day for the Entry Key, however, Finnish and Romanian customs also check the time.</p>
CountryCodeOfOfficeOfFirstEntryDeclared	<p>Occurrence 0 .. 1 Pattern [a-zA-Z]{2} Description Country code of Customs office of first entry declared in the ENS procedures that have to be diverted</p>
TraderRequestingDiversion	<p>Occurrence 1 .. 1 Description Information about the trader requesting the diversion Remark The message sender has to indicate information about himself here (at least the EORI must be provided)</p>
xs:sequence	<p>Occurrence 1 .. 1</p>
TIN	<p>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</p>
BranchNumber	<p>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).</p>
Address	<p>Occurrence 0 .. 1</p>

Element/Attribute	Annotation
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)
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
Agent	Occurrence 0 .. 1 Description The "Agent" is used when sending diversion requests for air freight to Dutch customs
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

Element/Attribute	Annotation
	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
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Name	Occurrence 1 .. 1 Length .. 35 Description Name of contact person (in the company)
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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
xs:choice	Occurrence 1 .. 1
CustomsOfficeActualOfficeOfEntry	Occurrence 0 .. 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/csr/home_en.htm) Description Information about the actual Customs office of first entry where the goods shall enter the community
LocationCodeActualCodeOfEntry	Occurrence 0 .. 1 Length 5 .. 5 Pattern [A-Z]{5}

Element/Attribute	Annotation
xs:choice	Occurrence 0 .. 1
CustomsOfficeOfFirstEntry	Occurrence 0 .. 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 Office reference number of the originally declared customs office of first entry
LocationCodeOfFirstEntry	Occurrence 0 .. 1 Length 5 .. 5 Pattern [A-Z]{5}
InformationType	Occurrence 0 .. 1 Default 1 FractionDigits 0 TotalDigits 2 Applicable Codes 1 2
ImportOperations	Occurrence 0 .. 1 Remark Occurrences of ImportOperation can be used to specify individual MRN or MRN items which should be diverted
xs:sequence	Occurrence 1 .. 1
ImportOperation	Occurrence 1 .. 9999 Description Information about the import operation
xs:sequence	Occurrence 1 .. 1
MRN	Occurrence 1 .. 1 Length 18 .. 18 Description Movement reference number (MRN) associated with this procedure
GoodsItemNumbers	Occurrence 1 .. 1 Description Item number of items specified in the ENS declaration
xs:sequence	Occurrence 1 .. 1
GoodsItemNumber	Occurrence 1 .. 999 FractionDigits 0 TotalDigits 5 Description Unique item number of an ENS declaration

5 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>