SUMMARY DECLARATION MESSAGE IMPLEMENTATION GUIDELINES VERSION 1.5 AMENDMENT 5

These message implementation guidelines are defined for the Finnish Customs external domain. The possibility to send xml messages to the Customs summary declaration system started in December 2009.

The message flow and data requirements are based on Export Control System (ECS) and Import Control System (ICS) of the European Union, but are amended to meet the national requirements. The ECS and ICS are closely linked to the security amendments to the Community Customs Code and its Implementing Provisions. More information regarding the security amendments is on the EU Commission TAXUD web site: http://ec.europa.eu/taxation_customs/customs/policy_issues/customs_security/index_en.htm.

More information about the national implementation can be found on the Finnish Customs web site in English http://www.tulli.fi/en/businesses/eServices/index.jsp
in Finnish: http://www.tulli.fi/fi/yrityksille/sahkoinenasiointi/eTulli/index.jsp and
in Swedish: http://www.tulli.fi/sv/foretag/e_tjanster/etull/index.jsp.

The xml message structure is based on the World Customs Organization Data Model version 2 (please see http://www.wcoomd.org/sw_overview_wco.htm).

Version 1.5 amendment 5 of these guidelines is updated until 31.1.2023.

More compiled information regarding message exchange in the Finnish Customs is published in
http://www.tulli.fi/fi/yrityksille/sahkoinenasiointi/edi/sanomapohjainen_asiointi_tullissa.pdf
in Finnish language. (A version in English will be provided later on.)

DOCUMENT HISTORY

Version and date	Reason of amendment	File and reference
0.1 10.10.2008	First version	
02. 27.2.2009 (development version)	Concentration in the Finnish system development version 1 - combination of rejection messages - new message IE329 - change of data requirements in IE347 and IE044 -alignment with the new versions of the Commission definitions - addition of trader identification extension and a second line for trader name - addition of contact information - typos	General All data requirements Schemas
0.3 27.3.2009 (development version)	Major changes in EU definitions System development	All data requirements Message flow
0.4 29.6.2009	System development Changes in EU definitions	Introduction Data requirements Schemas Examples
1.0 (Implementation version)	System development	Introduction Data requirements Schemas Examples
1.1 (An update)	System development	Introduction (1_AREX_en) Data requirements (3_AREX_en) Schemas (4_AREX) Examples (5_AREX)
1.2 (Update)	System development	Introduction (1_AREX_en) Guide for message exchange (2_AREX_en) Data requirements (3_AREX_en) Schemas (4_AREX) Examples (5_AREX)
1.3 (Update)	Changes brought by EU definitions	Introduction (1_AREX_en) Data requirements (3_AREX_en) Schemas (4_AREX)
1.3 amendment 1 (Update)	System development	Data requirements (3_AREX_en) Schemas (4_AREX)
1.3 amendment 2 (Update)	System development	Guide for message exchange (2_AREX_en) Data requirements (3_AREX_en)

Version and date	Reason of amendment	File and reference
1.4 (Update)	System development Changes in EU definitions	Data requirements (3_AREX_en) Schemas (4_AREX)
1.4 amendment 1 (Update)	System development	Data requirements (3_AREX_en)
1.4 amendment 2 (Update)	System development Changes in EU definitions	Data requirements (3_AREX_en)
1.4 amendment 3 (Update)	System development Changes in EU definitions	Data requirements (3_AREX_en)
1.4 amendment 4 (Update)	System development Changes in EU definitions	Data requirements (3_AREX_en)
1.4 amendment 5 (Update)	System development	Data requirements (3_AREX_en)
1.4 amendment 6 (Update)	System development	Data requirements (3_AREX_en)
1.4 amendment 7 (Update)	Changes in EU definitions	Data requirements (3_AREX_en)
1.4 amendment 8 (Update)	Changes in EU definitions	Data requirements (3_AREX_en)
1.4 amendment 9 (Update)	Precisions regarding amendments made to version 1.4 amendment 8	Data requirements (3_AREX_en)
1.5 (Update)	Changes in EU definitions	Data requirements (3_AREX_en)
1.5 amendment 1 (Update)	Changes brought by Unions customs code	Data requirements (3_AREX_en)
1.5 amendment 2 (Update)	Precision to gross mass	Data requirements (3_AREX_en)
1.5 amendment 3 (Update)	Precision to previous document	Data requirements (3_AREX_en) Schemas (4_AREX)
1.5 amendment 4 (Update)	Further precision to previous document	Data requirements (3_AREX_en)
1.5 amendment 5 (Update)	Same MRN on 547	Schemas (4_AREX)

Changes to the previous version are marked with yellow color in the data requirements material.

The following change has been made for version 1.5 amendment 5:

1. Schemas changed so that it is possible to repeat the same MRN.

Message implementing guidelines version 1.5 amendment 5 are applicable from a date that will be issued at a later stage.

ABOUT THE MATERIAL

Message implementing guidelines cover:

- the message flow including use cases
- data class diagrams
- data requirements divided to:
    - message interchange used in all xml messages
    - summary declarations at entry
    - summary declarations at exit
    - responses at entry
    - responses at exit
- xml schemas (xsd files)
- example messages (xml files)
- codes (excel file for all procedures)
- terminology (excel file for all procedures)

The material is published on the Finnish Customs web site only.

Technical instructions

The messages are sent by using xml (eXtensible Mark-up Language) syntax.

One interchange includes one message only.

Data is always sent by using the definitions of the Finnish Customs. If a message includes additional data and this does not cause an error message, the Finnish Customs processes the message as if the additional data was not included in the message.

More technical instructions will be provided in the near future.

Data model and data requirements

The data requirements based on the EU definitions as well as data in messages are presented in hierarchical diagrams.

The right-hand side of the material provides a path to the XML schema.

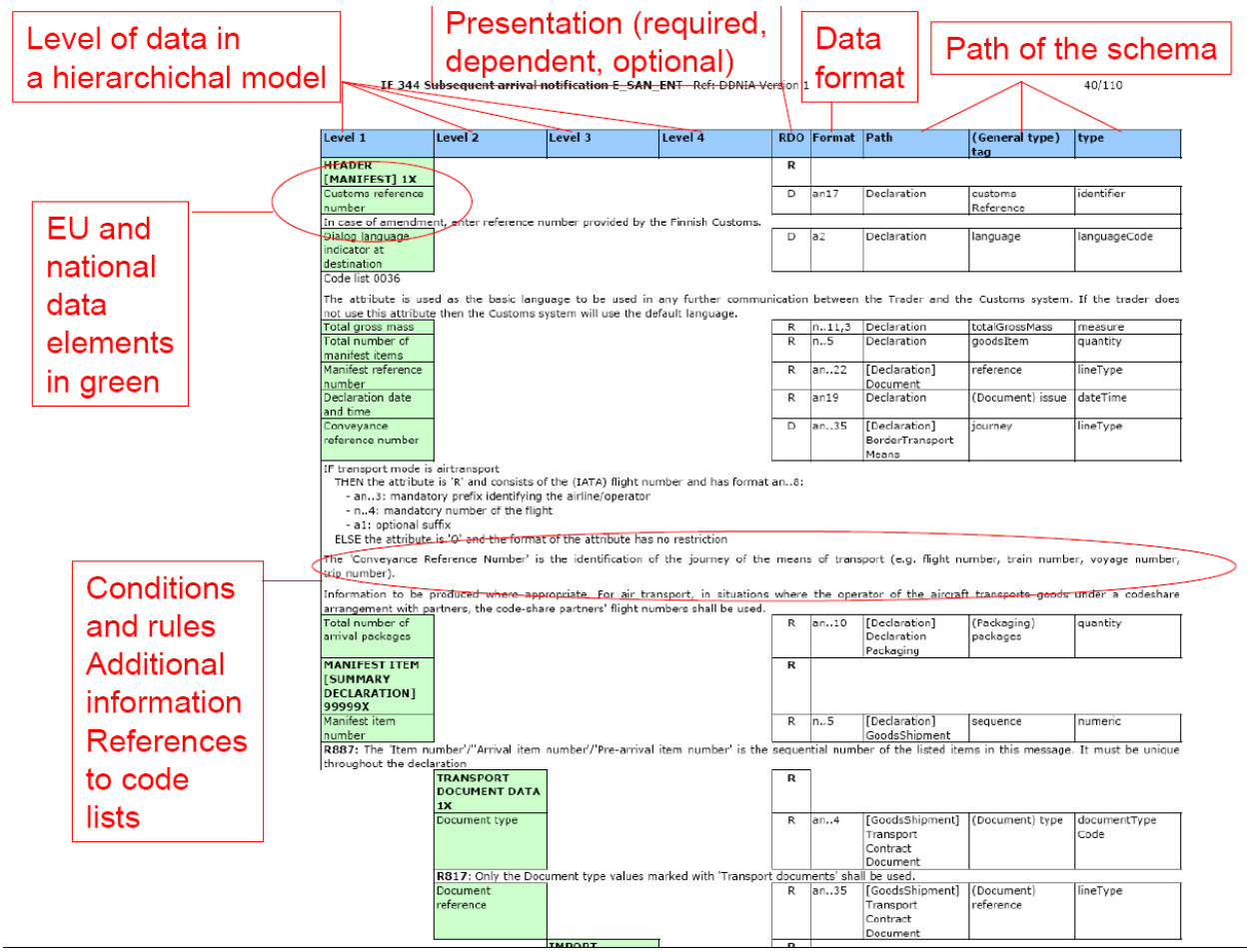
Dates and times are declared in Finnish time (EET/EEST) according to specifications in the XML standard. For example:

```
2010-09-29

2012-02-29T12:30:05

1997-07-16T19:20:30.45+01:00
```

Further information on declaring dates can be found e.g. at: http://www.w3.org/TR/NOTE-datetime



The data and length is in the column “Format”. The codes for the different types of data are:

a alphabetic
n numeric
an alphanumeric

The number after the code indicates the maximum length of the data entry. Two points before the indication of the length means that the data entry is not of a determined length, but that it may include a number of characters up to the number indicated. A decimal between two numbers indicates that decimals are used and the second number indicates the maximum decimals. For example

Alphanumeric data up to 35 digits = an..35
Alphabetic data 2 digits = a2
Numeric data up to 15 digits, including maximum 2 (floating) decimals = n..15,2

The codes for data presentation are:
R = Required
D = Dependent
O = Optional

The informaton below data include rules (“R”, for example “R843”) and conditions (“C”, for example “C567”), which are used in the definitions of the EU Commission. These identifications of rules and conditions are shown to facilitate a wider use of these guidelines.

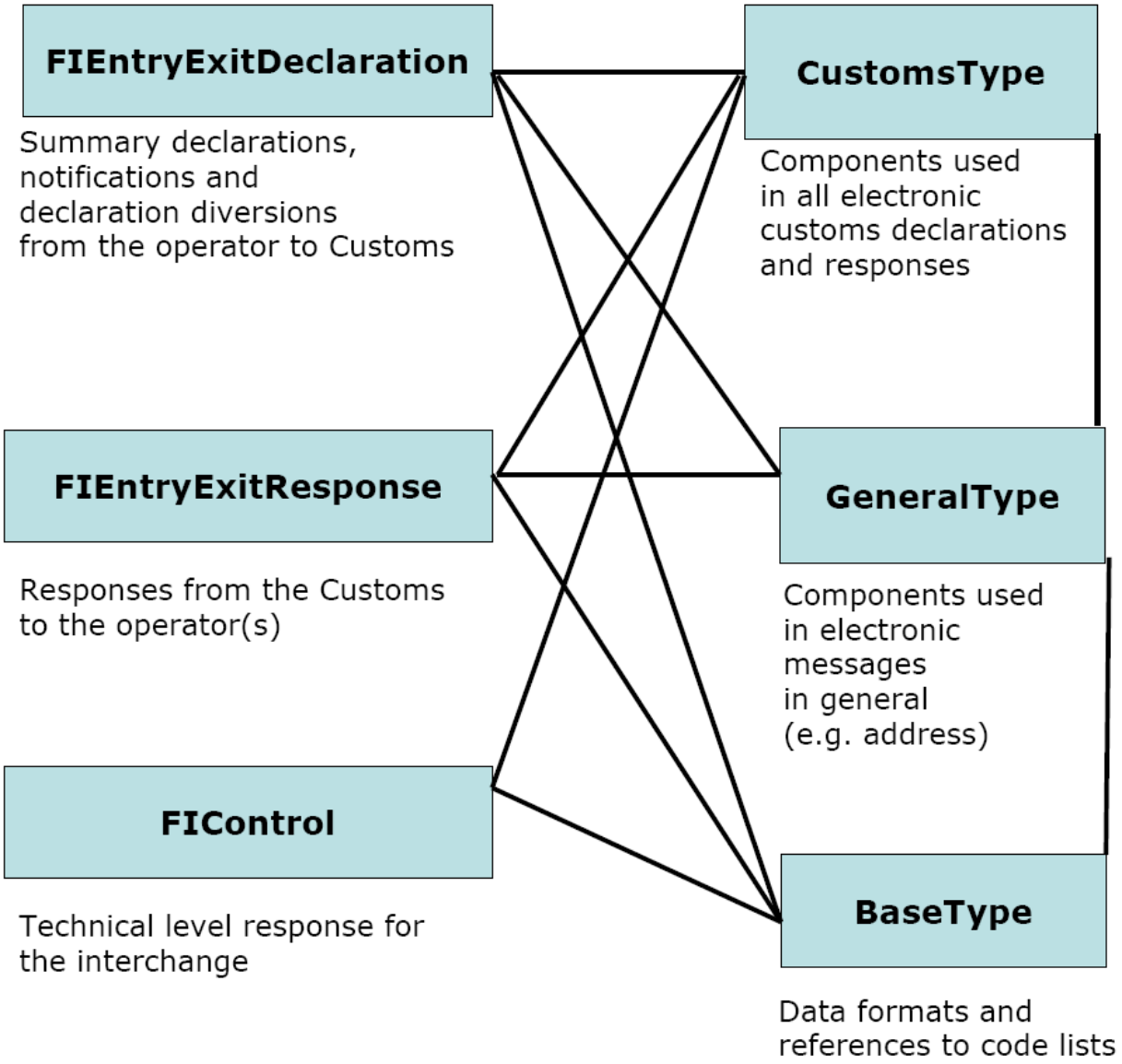
Numeric data is always positive, no plus sign (‘+’) is sent. A point or a comma can be used for a decimal separator, the Finnish Customs uses a comma. Leading zeros can be used, they are not used by the Finnish Customs.

Schemas

Declarant system does not have to use the same data structure or names as in these definitions, if the electronic messages are otherwise compliant with the Finnish Customs definitions. The schemas are published to help the creation of the xml messages.

The schemas are also used internally in the Finnish Customs systems, consequently they may include data, which is not used in the interchange between the Finnish Customs and the declarants.

The schemas are linked in the following way:



Examples

Message examples for original declaration messages consist of examples of forms with content and equivalent xml messages. Other examples include an xml file only.

Codes

A major part of the codes are the same as used for other customs procedures. The excel file including codes for summary declarations consists of all codes used in all customs declaring (excluding national car taxation system, excise system and Intrastat system). It is possible to filter the file to include only codes, which are relevant for a certain procedure (import, export, transit, summary declarations).

Terminology

The file containing some of the most common vocabulary used in customs declaring is under construction.