DG TAXUD

Harmonised Trader Interface Specifications

ICS2

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Changes to this document are summarized in the following table in reverse chronological order (latest version first).

Revision	Date	Created by	Short Description of Changes
1.0	26/04/2019	DG TAXUD	Initial version
1.10	15/10/2018	DG TAXUD	Updated version for Release 1
1.11	07/12/2018	DG TAXUD	Updated document references
1.12	26/04/2019	DG TAXUD	Updated document references

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1 INTRODUCTION

1.1 Purpose

This document describes the scope, structure and the content of the ICS2 Harmonised Trader Interface Specifications.

It also serves as a release note of the new version 1.12 of the HTI package.

1.2 Scope

This document covers Harmonised Trader Interface Specifications.

1.3 Target Audience

The intended audience for this document are the representatives of the Member States and trade, any person involved in ICS2 project.

1.4 Structure of this document

The present document contains the following chapters:

- Chapter 1 – Introduction: describes the scope and the objectives of the document;

- Chapter 2 –Scope of the : explains the scope of the CFSS.

- Chapter 3 – Fehler! Verweisquelle konnte nicht gefunden werden.: describes the structure of the CFSS and content of each artefact.

1.5 Reference and applicable documents

1.5.1 Reference Documents

Ref.	Title	Reference	Version	Date
R01	ICS2 Definitions		1.10	15/10/2018
R02	ICS2 Business Process Description		1.10	15/10/2018
R03	ICS2 HTI BPM L4 Process Description		1.12	07/12/2018
R04	ICS2 HTI Information Exchange Specifications		1.11	26/04/2019
R05	ICS2 HTI Rules and Conditions		1.10	15/10/2018
R06	ICS2 HTI Code Lists		1.12	26/04/2019

Table 1: Reference documents

1.6 Abbreviations and Acronyms

Abbreviation/Acronym	Definition
BPM	Business Process Model
CFSS	Common Functional System Specifications
CR	Common Repository
DDS	Data Dissemination Service
EU	European Union
HTI	Harmonised Trader Interface
ICS2	Import Control System 2
IE	Information exchange
MS	Member State
NES	National Entry System
OMS	Other Member State
UCC DA and IA	Union Customs Code Delegated Act and Implementing Act

Table 2: Abbreviations and acronyms

2   SCOPE OF THE HTI SPECIFICATIONS

ICS2 Harmonised Trader Interface Specifications cover:

- Lodgement and registration of the ENS filings (full or partial) and Arrival notifications via the Trader Interface;
- Exchanges of requests, responses and notifications between the economic operators and Customs administrations;
- Processing of the referrals;
- Consultation of the ENS;
- Invalidation and amendment of ENS filings;

Not in scope of CFSS:

- Specifications for the customs declarations containing ENS particulars as per Art. 130 UCC;
- ENS filing for postal items on other modes of transport than air;
- ENS filing for express consignments on other modes of transport than air.

3   STRUCTURE AND CONTENT OF THE HTI SPECIFICATIONS

ICS2 HTI Specifications are provided as a package of documents covering different artefacts of the system specifications. The documents are describes below.

3.1 Definitions

Definitions document [R01] provides definitions of the terms used in ICS2 project. These definitions apply to all other related documents.

3.2 Business Process Description document

Functional system specifications for the EU Customs IT systems are developed using the EU Customs BPM methodology. EU Customs BPM provides different views depending on level of detail that is relevant for the reader:

- L1 and L2 BPM give an overview of all customs business domains (core processes and enabling processes) and global business data and define the interaction between them,
- L2 and L3 BPM give an overview of the process steps and tasks (legal requirements) as defined by the UCC legislation,
- L4 BPM provides Functional Specifications/ Requirements.

Business Process Description document [R02] provides an end-to-end business process of entry of goods into the EU including the risk analysis and control.

This is a new Level 3.5 of the EU Customs BPM, which is IT system agnostic. It depicts the actual business process, including all the actors and their roles in the process. BPM L3.5 is in between the Level 3, which shows the legal process as defined in the UCC DA and IA, and Level 4, which shows the same process from an IT system perspective.

BPM L3.5 consists of High level overview and 7 sub-processes that provide a detailed overview of the ICS2 business process.

3.3 BPM L4 Process Description

BPM L4 Process Description document [R03] provides a mapping of the business process and data to the IT system components.

There are 3 components of the ICS2:

- Trader interface
- Common Repository
- National Entry Systems

BPM L4 depicts the process at TI component, interface with CR as well as information exchanges between the 2 components. The process is depicted through the sequence of the system tasks and exchanges of messages. There is 1 Master process and 8 underlying sub-processes.

BPM L4 also provides 1 supporting process which will offer additional functionality to the economic operators, such as consultation for specific ENS filings by the economic operators.

3.4 Information exchange specifications

Information exchange specifications document [R04] consists of the main document and underlying documents per IE.

These specifications cover the structure and the content of all the messages to be exchanged between the system components.

The document covers External domain IEs to be exchanged between the Economic operator and Customs administration via the TI.

There are 70 IE specified.

3.5 Rules and Conditions

Rules and Conditions document [R05] provides rules and conditions that apply to the data elements in the messages.

3.6 Code lists

Code lists document [R06] provides lists of codes that are used for coded data elements in the messages.

The code lists are specified for information only. Actual code lists will be maintained in CS/RD2 and TARIC and will be made available to the economic operators via DDS.

End of document