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DDNTA FOR NCTS Phase 4 Appendix A1: Full Message Scope (CUST-DEV3-SC03-DDNTA_APP_A1)		
FRAMEWORK CONTRACT TAXUD/2013/CC/124 SPECIFIC CONTRACT 03		

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APPENDIX A1: FULL MESSAGE SCOPE	

Columns Name	Columns content description	Possible Values ¹
IE	The Information Exchange identifier as defined in the (Appendix B) of “FTSS 4_0 NCTS Addendum 2009”.	IE+’number’
Name	The name of Information Exchange as defined in the (Appendix B) of “FTSS 4_0 NCTS Addendum 2009”	Text
Reference	The reference of the IE as defined in in the (Appendix B) of “FTSS 4_0 NCTS Addendum 2009”. IEs starting with E_, N_ and C_ are messages exchanged respectively in the External, National and Common Domains.	X_XXX_XXX
<p>National Transit Application in NCTS Phase 4</p> <p>This section defines which IEs are mandatory or (strongly) recommended for the National Administrations, the exchange mechanism and the format of the message in NCTS Phase 4.</p>		
Send	<p>This column determines if the construction and the submission of the IE have to be processed.</p> <p>An “M” means that the NA must implement the construction and the sending of this Information Exchange in full compliance with in the (Appendix B) of “FTSS 4_0 NCTS Addendum 2009” in order to comply with NCTS legal base, while “R”, “SR” and “O” indicate that it is recommended, strongly recommended and optional for the NA to do so, respectively.</p> <p>A blank cell means that in case of:</p> <ul style="list-style-type: none"> • E_ IE, the IE does not need to be sent during NCTS Phase 4; • C_ IE, the IE must not be sent during NCTS Phase 4. 	M, SR, R, O, blank

¹ The legend for the values is:

- M : Mandatory
SR : Strongly Recommended
R : Recommended
O : Optional
Y : Yes

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Columns Name	Columns content description	Possible Values¹
Receive	<p>This column determines if the reception and the processing of the IE have to be implemented.</p> <p>An “M” means that the NA must implement the reception and the processing of this IE in full compliance with (Appendix B) of “FTSS 4_0 NCTS Addendum 2009” in order to comply with NCTS legal base, while “R”, “SR” and “O” indicate that it is recommended, strongly recommended and optional for the NA to do so, respectively.</p> <p>A blank cell means that in case of:</p> <ul style="list-style-type: none"> • E_ IE, the IE does not need to be received during NCTS Phase 4; • C_ IE, the IE must not be received during NCTS Phase 4. 	M, SR, R, O, blank
Exchange Mechanism	This section defines the exchange mechanism for the IE: paper, up to the National Administrations, CCN/CSI or Web.	
Paper	<p>A “Y” or a “M” means that the IE has to be exchanged on paper:</p> <ul style="list-style-type: none"> • An “M” indicates that the printing must be made according a layout imposed by NCTS legal base. • A “Y” indicates that the printing must be made according a nationally defined layout. <p>This paper mechanism and its associated format are not specified further in the DDNTA/ DDCOM.</p> <p>A blank cell means that the IE does not have to be exchanged on paper.</p>	M, Y, blank
NA	<p>A “Y” means that the NA must decide how to implement the send/receive functions: choice of exchange mechanism (paper, fax, phone, DTI, ...) and choice of format (forms, EDI, format, ...). This mechanism is not specified in DDNTA/ DDCOM. This document provides only recommendation for the EDI format of the E_ IE.</p> <p>A blank cell means that it is not left up to the NA to choose the exchange mechanism of the IE.</p>	Y, blank

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Columns Name	Columns content description	Possible Values ¹
CCN/CSI	<p>An “M” means that the IE has to be exchanged via CCN/CSI. The CCN/CSI exchange mechanism is specified in the DDCOM.</p> <p>A blank cell means that the IE has not to be exchanged via CCN/CSI.</p>	M, blank
Web	<p>An “M” means that the IE has to be exchanged via Internet. The Web exchange mechanism is specified in DDCOM.</p> <p>A blank cell means that the IE does not have to be exchanged via Internet.</p>	M, blank
EDI Format	This section defines the EDI format used for the IE: EDIFACT, XML or CCN/CSI.	
EDIFACT	<p>This column determines if the IE has to be formatted according to EDIFACT standard.</p> <p>A “M” means that the NA must implement the IE in EDIFACT according to the specification of DDCOM, an “R”, a “SR” or an “O” means that it is recommended, strongly recommended or optional for the NA to implement the IE according to the EDIFACT specification of DDCOM.</p> <p>A blank cell means that the IE does not have to be formatted according to EDIFACT.</p>	M, SR, R, O, blank
XML	<p>This column determines if the IE has to be formatted in XML.</p> <p>XML is an emerging standard in the Web technology and for EDI over Internet. See comment on the EDIFACT format above.</p> <p>A blank cell means that the IE does not have to be formatted according to XML.</p>	M, SR, R, O, blank
CCN/CSI	<p>This column specifies which IEs have to be formatted in an (internal) CCN/CSI format (for a number of specific CCN/CSI messages only). This format is further specified in DDCOM.</p> <p>A “M” or “Y” means that the IE will be formatted according to CCN message internal structure.</p> <p>A blank cell means that the IE will not be formatted according to CCN/CSI.</p>	M, SR, R, O, blank

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Columns Name	Columns content description	Possible Values ¹
The ‘Central Services’		
This section defines which IEs are implemented in the Central Project Central Services (CS), which includes CS/RD, CS/MIS, the exchange mechanism and the format of the message.		
Send	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
Receive	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
Exchange Mechanism	This section defines the exchange mechanism for the IE: paper, up to the National Administrations or Member States, Queues, CCN/CSI or Web.	
Paper	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
NA	See the description of this column under National Transit Application in NCTS Phase 4 section.	Y, blank
CCN/CSI	See the description of this column under the ‘National Transit Application in NCTS Phase 4 section.	Y, blank
Web	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
EDI Format	This section defines the EDI format used for the IE: EDIFACT, XML or CCN/CSI.	
EDIFACT	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
XML	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
CCN/CSI	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
The SPEED Platform		
This section defines which IEs are implemented in the EC SPEED Platform the exchange mechanism and the format of the message in SPEED Phase 1.		
Send	This column determines if the construction and the submission of the IE will be implemented in CS. A “Y” means that the IE will be constructed and sent to the NICAs in full compliance with the “FTSS 4.00 as amended with Corrigendum 2009” [A4] Appendix B and “FTSS – AIS Addendum Corrigendum 1/2010” [R7] (Appendix B1). A blank cell means that the IE will not be sent in the scope of SPEED.	Y, blank

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Columns Name	Columns content description	Possible Values¹
Receive	This column determines if the reception and the processing of the IE will be implemented in CS. A “Y” means that the IE will be received and processed in CS in full compliance with the “FTSS 4.00 as amended with Corrigendum 2009” [A4]. Appendix B and “FTSS – AIS Addendum Corrigendum 1/2010” [A7] (Appendix B1). A blank cell means that the IE will not be received in the scope of SPEED.	Y, blank
Exchange Mechanism	This section defines the exchange mechanism for the IE: paper, up to the Member States, Queues, CCN/CSI or Web (Not applicable to Russian FCS).	
NA	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
CCN/CSI	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
SPEED	An “M” means that the IE has to be exchanged via SPEEDnet. The SPEEDnet exchange mechanism is specified in the body of DDSPEED. A blank cell means that the IE has not to be exchanged via SPEEDnet.	Y, blank
EDI Format	This section defines the EDI format used for the IE: EDIFACT, XML or CCN/CSI.	
EDIFACT	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
XML	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
CCN/CSI	See the description of this column under the National Transit Application in NCTS Phase 4 section.	Y, blank
SPEED	An “M” means that the IE has to be exchanged via SPEEDnet. The SPEED exchange mechanism is specified in the body of DDSPEED. A blank cell means that the IE has not to be exchanged via SPEED.	blank

Table 1: Scope of Information Exchanges matrix definitions

The columns "Send" and "Receive" define whether the implementation of an Information Exchange is Mandatory, Strongly Recommended, Recommended and Optional. As some Information Exchanges are unidirectional only, this has been split over 2 columns. To be noted is that all Information Exchanges in the Common Domain are Mandatory, plus the following 2 Information Exchanges in the External Domain: E_DEC_DAT and E_REL_TRA. The next 5 columns (Paper, NA, Queues, CCN/CSI, Web) specify which exchange mechanism needs to be used for performing the exchanges:

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- Paper exchanges only. If this is the case, column “Paper” is marked with a M (for paper exchanges having a legal basis), and with a Y (for paper exchanges without such a basis). To be noted is that “paper exchange” should be understood here as “any exchange not involving specific Transit EDI means” (and could potentially involve systems out of the scope of NCTS).
- Exchanges as electronic (EDI) messages. This can be:
 - exchanges for which the exchange mechanism (communication platform) has been defined beforehand. This can be either the CCN/CSI platform or the Inter(Extra)net.
 - exchanges, for which the exchange mechanism and platform needs to be defined and implemented by the NA.

Concerning the Inter(Extra)net, it must be noted that currently the usage of the Internet is foreseen. As all Inter(Extra)net exchanges will be HTTP-based, it is possible to migrate these exchanges to any Extranet that is HTTP-compatible. A possibility would thus be to use the CCN platform for implementing such an Extranet. In that case, access to the Extranet can be provided to those NA that do not have a CCN gateway yet, via a remote connection to the CCN gateway of the European Commission, located at the NCTS-CO.

There can thus be 3 possible communication platforms for electronic exchanges: the CCN/CSI platform, the Inter(Extra)net, and an NA-specific platform. It should also be noted that Common Domain messages always must be implemented using either CCN/CSI or the Inter(Extra)net. For External and National Domain messages, the choice is left up to the NA.

There are a number of exceptions to the rules mentioned above:

- All messages have only one (predefined) transport medium, except for the exchanges with the CS/RD application. This concerns the IE30, IE31, IE32, IE913, IE931 and IE932 messages. These messages can be exchanged via both the Web and CCN/CSI. The NAs thus have the choice to use either the Inter(extra)net for performing such exchanges, or to use the CCN/CSI platform. The CS/RD application supports both types of communication. An NTA therefore only needs to support one type of communication with CS/RD (CCN/CSI based, or Inter(Intra)net based).
- Additionally, IE71 message will also be sent to national users as e-mail attachments. (See sections V and XII.)

The next 3 columns specify in which format the electronic messages need to be exchanged:

- EDIFACT format;
- XML format;
- An (internal) CCN/CSI specific format (for CCN/CSI service messages only).

Messages that are mandatory, and that are to be transported across CCN/CSI, should in principle always be provided in EDIFACT format, except for specific CCN/CSI service messages that are to be transported in a CCN/CSI internal format.

Messages that are mandatory and that are to be exchanged via the Inter(extra)net, should in principle always be provided in XML format (an exception to this rule are the IE30, IE31, IE32, IE913, IE931 and IE932 messages, that are provided in both XML and EDIFACT formats across the Inter(extra)net).

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Additional comments on individual cells:

- N_DEP_CON: this IE is only applicable in case it has to be implemented by the Trader in its system for the Customs Officer.
- N_DEP_CON: It is up to the NA to take the necessary steps if they wish to provide remote access to this screen to the Customs officers.
- E_REL_TRA: the NTA must support the sending of the IE29 (as prescribed in App B of the FTSS) to the Trader at Departure. This comes as a consequence of the legal obligation on the issuance of the Accompanying Document.
- Accompanying Document: The NTA must be able to print the Accompanying Document in the Office of Departure, in accordance with the legal obligation (in terms of content and paper format).
- Accompanying Document: The NTA must offer a screen to capture the MRN of the Accompanying Document at arrival.
- Accompanying Document: The paper layout is imposed by the NCTS legal base.
- C_COL_COM / C_COL_NAT / C_REF_MOD / C_UNA_COM / C_UNA_NAT: EDIFACT and XML format are both supported by the Central Services/Reference Data. The NTA has the choice between one of the two formats according its best convenience. When exchanging these messages across CCN/CSI, the EDIFACT format needs to be used. When exchanging via the Inter(Intra)net, both XML and EDIFACT formats can be used.
- C_UNA_NAT: When exchanging this message across CCN/CSI, the EDIFACT format needs to be used. When exchanging via the Inter(Intra)net, the XML format needs to be used.
- C_UPL_RSP: reports on errors after upload of COL information towards CS/RD.
- C_COL_REQ: enables to request COL information from CS/RD.
- C_COL_DAT: contains the entire COL. The structure of this message is equal to IE31, except that C_COL_DAT does not contain transactional information in the ACTION data group.
- C_UNA_COM / C_UNA_NAT: Although [A2] did not specify any format for the IE70 and IE71, it has been decided to foresee the XML format for these exchanges.
- C_RES_PAP: NTA must offer a screen at Departure to capture information from the Paper Control Result.
- C_COD_ACK / C_COA_ACK / C_EXP_NOT / C_EXC_NOT: These messages are not EDIFACT messages but rather CCN/CSI reports. Their implementation is described in Section XI.
- E_DEP_PAP / E_DES_PAP: The formatting of the printing of IE119 and IE120 is left to the National Administrations. The send and receive functions have to be understood respectively as print and data capture on screen.
- C_DIC_COM: IE121 is exchanged on paper across the Common Domain (non NCTS-means). The NTA must foresee a screen to capture it.

