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TAXATION AND CUSTOMS UNION DG TRANSIT COMPUTERISATION PROJECT OPERATION AND EXTENSION PHASE		
SUBJECT:		
DDNTA for Phase 3.1 Appendix A1: Full Message Scope (TCE-L1-DDNTA_P31_APP_A)		
FRAMEWORK CONTRACT TAXUD/2001/CC/067 SPECIFIC AGREEMENT 2		

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Introduction

This document presents the message scope. The logic behind the columns is the following:

Column	Description
Send	Process to construct & send the IE. An "M" means that the NA must implement the construction and the sending of this Information Exchange in full compliance with the DDNTA TMS in order to comply with the NCTS legal base, while "R" and "SR" indicate that the NA is "Recommended" or "Strongly Recommended" to do so. A "Y" means that MCC and/or Central Services implement this.
Receive	Process to receive & process the content of the IE. Same comment as for the "Send" column.
Paper	A "M" in this column means the IE has to be exchanged on paper according to a layout imposed by the NCTS legal base. This paper mechanism and its associated format are not specified further in the DDNTA. A "Y" in this column indicates paper exchanges without a legal basis.
NA	A "Y" in this column indicates that the NA must decide itself how to implement the send/receive functions of this IE. This concerns the IEs that are sent across the External Domain or in the National Domain. Choices have to be made concerning the exchange mechanism (paper, fax, phone, DTL, ...) and the format (forms, EDI format, ...). This mechanism is not specified in the DDNTA. The DDNTA only provides recommendations of EDI format for the IE.
Queues	A "Y" in this column means the MCC implements this feature via queues. A "-" means it is not relevant.
CCN/CSI	A "M" in this column means the IE has to be exchanged via CCN/CSI. The CCN/CSI exchange mechanism is specified in section XI of the DDNTA.
Web	A "M" in this column denotes the IE has to be exchanged via Inter(Extra)net.
EDIFACT	This column specifies which IEs have to be formatted in EDIFACT. These IEs are specified in the body of the DDNTA. A "M" indicates the NA must implement the IE in EDIFACT according to the specification of the DDNTA, an "R" or an "SR" mean that the NA is "Recommended" or "Strongly Recommended" to implement the IE according to the EDIFACT specification of the DDNTA.
XML	This column specifies which IEs have to be formatted in XML. XML is an emerging standard of Internet technology and of EDI over Internet. See comment on the EDIFACT format above.
CCN/CSI	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 Section XI: Transport of messages via CCN/CSI.

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The columns "Send" and "Receive" define whether the implementation of an Information Exchange is Mandatory, Strongly Recommended or Recommended. 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:

- 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 are either purely a paper message or an electronic message, except for the IE33 message, which can be exchanged via both means. This message is dealing with OTS diversion.
- 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, IE31/IE32 and IE71 messages 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. The MCC implements it as a data capture screen.
- N_DEP_CON: the MCC only provides a screen to capture the Departure Control Results. 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. The MCC does not support incoming EDI IE17.
- 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 messages 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_FUL_COL: contains the entire COL. The structure of this message is equal to IE31, except that C_FUL_COL does not contain transactional information in the ACTION data group.
- C_OTD_DIV: is exchanged via paper, or via the CCN/CSI in EDIFACT format. When IE33 is exchanged on paper, it needs to be captured in the NTA when arriving back at Office of Departure.
- C_OTD_DIV: the MCC offers a screen for the Office of Departure to capture the IE33 provided on paper.
- 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.

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MESSAGE SCOPE	

IE	Name	Reference	NTA										MCC										Central Services									
			Exchange mechanism					EDI format					Exchange mechanism					EDI format					Exchange mechanism					EDI format				
			S	R	P	N	Q	C	W	E	X	C	S	R	P	N	Q	C	W	E	X	C	S	R	P	N	Q	C	W	E	X	C
			Sender	Receiver	Partner	Agency	Quotation	Contract	Warehouse	Exchange	Contract	Sender	Receiver	Partner	Agency	Quotation	Contract	Warehouse	Exchange	Contract	Sender	Receiver	Partner	Agency	Quotation	Contract	Warehouse	Exchange	Contract			
IE914	COL REQUEST	C_COL_REQ	SR			-	SR		SR													Y			-	Y		Y				
IE916	COMMON RD REQUEST	C_REF_REQ	SR			-	SR		SR													Y			-	Y		Y				
IE931	COL DATA	C_COL_DAT		SR		-	SR	SR	SR	SR												Y			-	Y	Y	Y	Y			
IE932	COMMON RD DATA	C_REF_DAT		SR		-	SR	SR	SR	SR												Y			-	Y	Y	Y	Y			
IE971	FULL UNAVAILABILITY SCHEDULE	C_UNA_DAT		SR		-		SR		SR												Y			-		Y		Y			