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<p><b>TAXATION AND CUSTOMS UNION DG</b></p> <p><b>EMCS COMPUTERISATION PROJECT</b></p> <p><b>PHASE 2</b></p> <p><b>SUBJECT:</b></p> <p><b>DDNEA FOR EMCS Phase 2</b></p> <p><b><i>Appendix A1: Full Message Scope</i></b></p> <p><b>(ECP2-FITSDEV2-DDNEA_P2_APP_A1)</b></p>		
<p><b>FRAMEWORK CONTRACT TAXUD/2008/CC/095</b></p> <p><b>SPECIFIC CONTRACT 3</b></p>		

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A1
APPENDIX A1: FULL MESSAGE SCOPE	VER: 2.23-EN
INTRODUCTION	

## Introduction

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

Columns Name	Description	Possible Values
IE	The IE identifier as defined in the Scope Document.	IE+FESS Code
Name	The name of the IE as defined in the FESS Appendix D	FESS IE Name
Reference	The reference of the IE as defined in the FESS Appendix D). IE starting with N_ and C_ are messages exchanged, respectively, in the ND and CD.	FESS IE Reference
Send	This column determines if the construction and the sending of the IE have to be processed.  The attribute is set to Yes (Y) if the application in question generates and sends a specific message to its communicating application, whereas it is set to No (N) when it does not.	Y, N
Receive	This column determines if the reception and the processing of the IE have to be implemented.  The attribute is set to Yes (Y) if the application in question must be able to receive and process a specific message, whereas it is set to No (N) when it must not.	Y, N
Domain	The communication Domain, ED or CD, over which a specific message is being exchanged.  A blank cell means that the message is not applicable to the application in question.	ED, CD, blank
MSA	The MSA attribute is applicable only for an NDEA in FS0/FS1. It is used as an indication of whether the selection of the "Exchange Mechanism" and of the "EDI Format" is a national issue, in which case the attribute is set to Yes (Y), or the MSA is obliged to comply with a specific "Exchange Mechanism" and "EDI	Y, N, blank

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A1
APPENDIX A1: FULL MESSAGE SCOPE	VER: 2.23-EN
INTRODUCTION	

Columns Name	Description	Possible Values
	Format", in which case the attribute is set to No (N). A blank cell means that the message is not applicable to the application in question.	
CCN/CSI	<p>This attribute determines if the IE is exchanged via CCN/CSI.</p> <p>An “M” means that the IE has to be exchanged via CCN/CSI. The CCN/CSI exchange mechanism is specified in the body of the Design Document for National Excise Applications (DDNEA). A blank cell means that the use of CCN/CSI is not an option.</p>	M, blank
Email Based Interface	<p>This attribute determines if the IE is exchanged using an e-mail based protocol, such as, Simple Mail Transfer Protocol (SMTP) and X400.</p> <p>“M”, “R”, “SR” and “O” mean, respectively, that an e-mail based protocol is Mandatory, Recommended, Strongly Recommended or Optional. A blank cell means that the availability of an e-mail based interface is not an option.</p>	M, R, SR, O, blank
Web Based Interface	<p>This attribute determines if the IE is exchanged using the Web exchange mechanism specified in the DDNEA.</p> <p>“M”, “R”, “SR” and “O” mean, respectively, that a Web exchange mechanism is Mandatory, Recommended, Strongly Recommended or Optional. A blank cell means that the IE exchange via Internet is not an option.</p>	M, R, SR, O, blank
XML	<p>This attribute determines if the IE has to be formatted according to XML. These IEs are specified in the DDNEA.</p> <p>An “M” means that the MSA must implement the IE in XML, an “R” or an “SR” means that the MSA is Recommended or Strongly Recommended to implement the IE according to the XML format. A blank cell means that the XML format is not an option.</p>	M, R, SR, blank
CCN/CSI	This column determines if the IE has to be	M, R, SR,

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A1
APPENDIX A1: FULL MESSAGE SCOPE	VER: 2.23-EN
INTRODUCTION	

Columns Name	Description	Possible Values
	<p>formatted according to the CCN message internal structure.</p> <p>An “M” means that the MSA must implement the IE via CCN/CSI, an “R” or a “SR” means that the MSA is Recommended or Strongly Recommended to implement the IE according to the CCN/CSI format. A blank cell means that the CCN message internal structure is not an option.</p>	blank

### **Notes**

The messages that are used in multiple domains are occupying more than one row in the Table 1 because they have different values not only in terms of the domain name but also in terms of the information regarding the format, the sending, the receiving and the exchange mechanism.

<b>EMCS PHASE 2</b>	<b>ECP-FITSDEV2-DDNEA_P2_APP_A1</b>
<b>APPENDIX A1: FULL MESSAGE SCOPE</b>	<b>VER: 2.23-EN</b>
<b>INTRODUCTION</b>	

The columns "Send" and "Receive" determine if the construction/reception and the sending/reception of the IE have to be processed/implemented.

As some Information Exchanges are unidirectional only, this has been split over 2 columns.

- Exchanges as electronic (EDI) messages. This can be:
  - o 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.
  - o Exchanges, for which the exchange mechanism and platform needs to be defined and implemented by the MSA.

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 MSAs that do not have a CCN gateway yet, via a remote connection to the CCN gateway of the European Commission, located at the EMCS-CO.

There can thus be three possible communication platforms for electronic exchanges: the CCN/CSI platform, the Inter(Extra)net, and a MS-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 MSA.

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 EMCS/NCTS CS/RD application. This concerns the IE701, IE713, IE714, IE734 messages. These messages can be exchanged via both the Web and CCN/CSI. The MSAs thus have the choice to use either the Inter(extra)net for performing such exchanges, or to use the CCN/CSI platform. The EMCS/NCTS CS/RD application supports both types of communication. A MSA therefore only needs to support one type of communication with EMCS/NCTS CS/RD (CCN/CSI based, or Inter(Intra)net based).
- The next three columns specify in which format the electronic messages need to be exchanged:
  - XML format;
  - An (internal) CCN/CSI specific format (for CCN/CSI service messages only).
  - Web Based Interface.

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

<b>EMCS PHASE 2</b>	<b>ECP-FITSDEV2-DDNEA_P2_APP_A1</b>
<b>APPENDIX A1: FULL MESSAGE SCOPE</b>	<b>VER: 2.23-EN</b>
<b>INTRODUCTION</b>	

Messages that are mandatory and that are to be exchanged via the Inter(extra)net or SOAP/HTTP, should in principle always be provided in XML format (an exception to this rule are the IE701,IE713,IE714 messages, that are provided in XML format across the Inter(extra)net or SOAP/HTTP).

- Administrative Accompanying Document: The MSA must be able to print the Administrative Accompanying Document in the Office of Dispatch, in accordance with the legal obligation (in terms of content and paper format).
- Administrative Accompanying Document: The NEA must offer a screen to capture the ARC of the Administrative Accompanying Document at arrival.
- Administrative Accompanying Document: The paper layout is imposed by the EMCS legal base.

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A1
APPENDIX A1: FULL MESSAGE SCOPE	VER: 2.23-EN
MESSAGE SCOPE	

In-Scope Message Exchanges in FS1 & FS0																				
IE	Name	Reference	Send	Receive	Domain	NDEA in FS1						Send	Receive	Domain	NDEA in FS0					
						MSA	Exchange Mechanism			EDI Format					MSA	Exchange Mechanism			EDI Format	
							CCN/CSI	Email Based Interface	Web Based Interface	XML	CCN/CSI					CCN/CSI	Email Based Interface	Web Based Interface	XML	CCN/CSI
IE701	common request	C_REQ_SUB	Y	Y	CD	N	M			M		Y	N	CD	N	M			M	
IE702	refusal of common request	C_REQ_REF	Y	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE705	external request for reference data	E_REQ_SUB	N	Y	ED	Y		R	SR	SR		N	Y	ED	Y		R	SR	SR	
IE713	Incremental update or full register of economic operators	C_QRO_DAT	Y	Y	CD	N	M			M		Y	Y	CD	N	M			M	
IE714	refusal of update of economic operators	C_QRO_REF	N	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE733	external list of codes	E_COD_DAT	Y	N	ED	Y		R	SR	SR		N	Y	ED	Y		R	SR	SR	
IE734	reference data dissemination	C_RDD_DAT	N	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE815	submitted draft of e-AAD	N_AAD_SUB	N	Y	ED	Y		R	SR	SR										
IE801	e-AAD	C_AAD_VAL	Y	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE801	e-AAD	C_AAD_VAL	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE704	generic refusal message	N_REJ_DAT	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE810	cancellation of e-AAD	C_CAN_DAT	Y	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE810	cancellation of e-AAD	C_CAN_DAT	Y	Y	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE818	accepted or rejected report of receipt	C_DEL_DAT	Y	Y	CD	N	M			M		Y	N	CD	N	M			M	
IE818	accepted or rejected report of receipt	C_DEL_DAT	Y	Y	ED	Y		R	SR	SR		N	Y	ED	Y		R	SR	SR	
IE802	reminder message for Excise movement	C_EXC_REM	Y	Y	CD	N	M			M		Y	Y	CD	N	M			M	
IE802	reminder message for Excise movement	C_EXC_REM	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE837	explanation on delay for delivery	C_DEL_EXP	Y	Y	CD	N	M			M		Y	Y	CD	N	M			M	
IE837	explanation on delay for delivery	C_DEL_EXP	N	Y	ED	Y		R	SR	SR		N	Y	ED	Y		R	SR	SR	

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A1
APPENDIX A1: FULL MESSAGE SCOPE	VER: 2.23-EN
MESSAGE SCOPE	

IE803	notification of diverted e-AAD	C_AAD_NOT	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE813	change of destination	C_UPD_DAT	Y	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE813	change of destination	C_UPD_DAT	Y	Y	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE821	list of AAD as result of a general query	C_LST_VAL	Y	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE829	notification of accepted export	C_EXP_NOT	Y	N	ED	Y			SR	SR										
IE829	notification of accepted export	C_EXP_NOT	Y	Y	CD	Y	M			M										
IE839	rejection of e-AAD for export	C_EXP_REJ	Y	N	ED	Y			SR	SR										
IE839	rejection of e-AAD for export	C_EXP_REJ	Y	Y	CD	Y	M			M										
IE904	status request	C_STD_REQ	Y	Y	CD	N	M			M		N	Y	CD	N	M			M	
IE905	status response	C_STD_RSP	Y	Y	CD	N	M			M		Y	N	CD	N	M			M	
IE917	negative acknowledgement of XML receipt	C_XML_NCK	Y	Y	CD	N	M			M		Y	Y	CD	N	M			M	
IE917	negative acknowledgement of XML receipt	C_XML_NCK	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	SR	
IE906	functional NACK	C_FUN_NCK	Y	Y	CD	N	M			M		Y	Y	CD	N	M			M	
IE934	data packaging	C_PAC_DAT	Y	Y	CD	Y														

#### Infrastructure (CCN/CSI) Messages

IE908	confirm on delivery acknowledgement	C_COD_ACK	Y	Y	CD	N	M				M	Y	Y	CD	N	M				M
IE909	confirm on arrival acknowledgement	C_COA_ACK	Y	Y	CD	N	M				M	Y	Y	CD						M
IE910	expiration notification	C_EXP_NOT	Y	Y	CD	N	M				M	Y	Y	CD						M
IE911	exception notification	C_EXC_NOT	Y	Y	CD	N	M				M	Y	Y	CD						M

*The IE733: external list of codes E\_COD\_DAT is also within the scope.*

*The IE839 and IE829 messages are “Optional” to implement during Migration Period 1 (MP1), when the export cases can be implemented only at national level.*

*Both of these messages become “Mandatory” to implement on Milestone c (Mc), since during Migration Period 2 (MP2) it is also possible to exchange information related to exporting e-AADs over the Common Domain.*

**Table 1: In-scope Message Exchanges in FS1 & FS0**