

OWNER: DG TAXUD	ISSUE DATE: 06/08/2009	VERSION: 2.23-EN
<p>TAXATION AND CUSTOMS UNION DG</p> <p>EMCS COMPUTERISATION PROJECT</p> <p>PHASE 2</p> <p>SUBJECT:</p> <p>DDNEA FOR EMCS Phase 2</p> <p><i>Appendix A2: Messages per Business Domain</i></p> <p>(ECP2-FITSDEV2-DDNEA_P2_APP_A2)</p>		
<p>FRAMEWORK CONTRACT TAXUD/2008/CC/095</p> <p>SPECIFIC CONTRACT 3</p>		

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
INTRODUCTION	

Introduction

The following developments need to be undertaken:

- A mandatory development in the Common Domain, based upon CCN/CSI and Web Interface, all these exchanges being part of the core business process;
- A mandatory development in the Common Domain, based upon XML (for IE701, IE713, IE714, IE734) using the Inter(Extra)net.

The overall development should cover a number of “Business Processes”, as defined for Excise Movement Control System (EMCS) in FESS.

The following Business Processes have been defined:

- Core Business for Excise;
- EMCS Common Domain Central Services;
- NCTS Common Domain Central Services;
- System Administration.

In addition, a number of “Technical Messages” need to be foreseen. These are also defined below. Please note that this Appendix is derived automatically from Appendix A1.

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
EXCISE MOVEMENT MESSAGES (CORE BUSINESS)	

Excise Movement Messages (Core Business)

The messages to be supported for the “Core Business” business processes are shown below:

In-Scope Messages Exchanged from/to NDEA 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	
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	C_EXC_REM	Y	Y	CD	N	M			M		Y	N	CD	N	M			M	
IE802	reminder message for Excise	C_EXC_REM	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	S	
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	S	
IE803	notification of diverted e-AAD	C_AAD_NOT	Y	N	ED	Y		R	SR	SR		Y	N	ED	Y		R	SR	S	
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	S	
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	
IE705	external request for reference data	E_REQ_SUB	N	Y	ED	Y		R	SR	SR		N	Y	ED	Y		R	SR	SR	
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	
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										

Table 1: Core Business Messages

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
TECHNICAL MESSAGES	

Technical Messages

In addition, a number of “technical messages” need to be foreseen. These are summarised below:

In-Scope Messages Exchanges between NDEAs 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
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	M	R	SR	M										
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

Table 2: Technical Messages

The IE908, IE909, IE910 and IE911 messages are standard internal CCN/CSI messages that merely need to be used in order to perform message exchanges. Section IX explains in detail how these messages need to be used. The IE906 and IE917 messages are intended for error and exception handling. The core business process will thus require:

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
TECHNICAL MESSAGES	

- The implementation of a number of messages in XML format on the CCN/CSI platform;
- The implementation of a number of messages in the National and External Domains, on a platform to be developed by the MSA.

Note on common technical messages:

The CCN/CSI technical messages (IE908, IE909, IE910 and IE911) are always used for Core Business exchanges. They will also be used for performing exchanges with EMCS CS/RD (if a MSA uses the CCN/CSI platform for exchanges with EMCS CS/RD). The CCN/CSI messages are transparent to the users. Details concerning the technical CCN/CSI messages are included in Section IX. The functional NACK and XML NACK messages (IE906 and IE917) are used to report errors when exchanging Excise Movements IEs. They will also be used to report errors when exchanging IEs via CCN/CSI with the EMCS/NCTS CS/RD applications (note that a MSA can choose whether they will not to use CCN/CSI for performing exchanges with EMCS CS/RD).

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
EMCS COMMON DOMAIN CENTRAL SERVICES	

EMCS Common Domain Central Services

The messages to be supported for the “EMCS Common Domain Central Services” businesses process are shown below:

In-Scope Messages Exchanges between NDEA FS1/FS0 and CD CS																							
IE	Name	Reference	NDEA in FS1							NDEA in FS0							Central Services						
			Send	Receive	Domain	Exchange Mechanism		EDI Format		Send	Receive	Domain	Exchange Mechanism		EDI Format		Send	Receive	Domain	Exchange Mechanism		EDI Format	
						CCN/CSI	Web Based Interface	XML	CCN/CSI				CCN/CSI	Web Based Interface	XML	CCN/CSI				CCN/CSI	Web Based Interface	XML	CCN/CSI
IE713	incremental update or full register of economic operators	C_QRO_DAT	Y	Y	CD	M	O	M		Y	N	CD	M	O	M		Y	Y	CD	M	M	M	
IE714	refusal of update of economic operators	C_QRO_REF	N	Y	CD	M	O	M		N	Y	CD	M	O	M		Y	N	CD	M	M	M	
IE701	common request	C_REQ_SUB	Y	N	CD	M	O	M									N	Y	CD	M	M	M	
IE734	reference data dissemination	C_RDD_DAT	N	Y	CD	M	O	M		N	Y	CD	M	O	M		Y	N	CD	M	M	M	
IE906	functional NACK	C_FUN_NCK	N	Y	CD	M	O	M		N	Y	CD	M	O	M		Y	N	CD	M	M	M	
IE917	negative acknowledgement of XML receipt	C_XML_NAC	N	Y	CD	M	O	M		N	Y	CD	M	O	M		Y	N	CD	M	M	M	
Infrastructure (CCN/CSI) Messages																							
IE908	confirm on delivery acknowledgement	C_COD_ACK	Y	Y	CD	M			M	Y	Y	CD	M			M	Y	Y	CD	M			M
IE909	confirm on arrival acknowledgement	C_COA_ACK	Y	Y	CD	M			M	Y	Y	CD	M			M	Y	Y	CD	M			M
IE910	expiration notification	C_EXP_NOT	Y	Y	CD	M			M	Y	Y	CD	M			M	Y	Y	CD	M			M
IE911	exception notification	C_EXC_NOT	Y	Y	CD	M			M	Y	Y	CD	M			M	Y	Y	CD	M			M

Table 3: EMCS Central Services

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
EMCS COMMON DOMAIN CENTRAL SERVICES	

Note that these messages are always exchanged between a MSA and a central reference site. IE734 messages can also be sent to EMCS-CO but only by common domain users. For the IE701/IE713 one of the following developments is mandatory:

- The development of exchanges in XML format over the SOAP/HTTP;
- The development of exchanges in XML format over the CCN/CSI.

For Central Services it should be noted that a MSA can decide to use CCN/CSI for performing RD exchanges (IE701, IE713, IE714, IE734);

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
NCTS COMMON DOMAIN CENTRAL SERVICES	

NCTS Common Domain Central Services

The messages to be supported for the “NCTS Common Domain Central Services” business processes are shown below:

In-Scope NCTS CD CS Messages Exchanges with EMCS CD CS																							
IE	Name	Reference	EMCS CSRD							SEED							NCTS CSRD						
			Send	Receive	Domain	Exchange Mechanism			EDI Format	Send	Receive	Domain	Exchange Mechanism			EDI Format	Send	Receive	Domain	Exchange Mechanism			EDI Format
						CCN/CSI	Email Based Interface	Web Based Interface	XML				CCN/CSI	Email Based Interface	Web Based Interface	XML				CCN/CSI	Email Based Interface	Web Based Interface	XML
IE931	COL DATA	C_COL_DAT	N	Y	CD	M			M	N	Y	CD	M			M	Y	N	CD				M
IE932	COMMON RD DATA	C_REF_DAT	N	Y	CD	M			M	N	Y	CD	M			M	Y	N	CD				M
IE030	NOTIFICATION OF CUSTOMS OFFICES MODIFICATION TO COMMON DOMAIN	C_COL_COM	Y	N	CD	M		M	M								Y	N	CD	M		M	M
IE031	NOTIFICATION OF CUSTOMS OFFICES MODIFICATION TO NATIONAL DOMAIN	C_COL_NAT	N	Y	ND	M		M	M								N	Y	ND	M		M	M

Table 4: NCTS Central Services

Please note that the message structure are defined in the corresponding NCTS Appendices

EMCS PHASE 2	ECP-FITSDEV2-DDNEA_P2_APP_A2
APPENDIX A2: MESSAGES PER BUSINESS DOMAIN	VER: 2.23-EN
SYSTEM ADMINISTRATION	

SYSTEM ADMINISTRATION

This business process does not require any specific implementation of messages. It however requires the implementation of a number of requirements, which are stated in Section V of the main document.