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<p>Taxation and Customs Union DG</p> <p>CUST-DEV2 Project</p> <p>SUBJECT:</p> <p>DDNXA FOR ECS Phase 2</p> <p>Appendix A3: Messages per Business Scope (CUSTDEV2-SC04-RfA71-DLV-6.8-z-2-DDNXA_App_A3)</p>		
<p>FRAMEWORK CONTRACT TAXUD/2010/CC/100 SPECIFIC CONTRACT 04</p>		

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INTRODUCTION

The following developments need to be undertaken:

- A mandatory development in the Common Domain, based upon CCN/CSI and EDIFACT, all these exchanges being part of the core business process;
- A mandatory development of the E_EXP_DAT and E_EXS_DAT exchanges in the External Domain;
- A (strongly) recommended development of a number of messages in the National and External Domains;
- A mandatory development in the Common Domain, based upon XML (or EDIFACT for IE30, IE31, IE32, IE913, IE931, IE932) on the (Extra)net.

The overall development should cover a number of “Business Processes”, as defined for Export in FTSS-AES Addendum [A4] 1/2006. The following Business Processes have been defined:

- Export Control Messages;
- Central Services;
- Systems Administration.

In addition, a number of “Technical Messages” need to be foreseen. These are also defined below.

Please note that this Appendix is derived from Appendix A1.

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EXPORT CONTROL MESSAGES for ECS Phase 2

IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE501	AER	C_AER_SND	M	M			M		M		
IE502	Declaration Request	C_EXP_REQ	M	M			M		M		
IE503	AER Response	C_AER_RSP	M	M			M		M		
IE504	Export Declaration Amendment Acceptance	E_EXP_AAC	SR			Y				SR	
IE505	Export Declaration Amendment Rejection	E_EXP_ARJ	SR			Y				SR	
IE507	Arrival at exit	E_ARR_EXT		SR		Y				SR	
IE508	Arrival at Exit Rejection	E_REJ_EXT	SR			Y				SR	
IE509	Export Cancellation Decision	E_CAN_EXP	SR			Y				SR	
IE510	Export Cancellation Notification	C_CAN_EXP	M	M			M		M		
IE513	Export Declaration Amendment	E_EXP_AMD		SR		Y				SR	
IE514	Export Cancellation Request	E_EXP_CAN		SR		Y				SR	
IE515	Export Declaration	E_EXP_DAT		SR		Y				SR	
IE516	Export Declaration Rejected	E_EXP_REJ	SR			Y				SR	
IE517	Export Control Results	N_EXP_CON		R		Y			R		

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IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE518	Exit Results	C_EXT_RES	M	M			M		M		
IE519	Export Control Results Rejected	E_ECR_REJ	R			Y			R		
IE521	Diversion Rejection Notification	E_DIV_REJ	SR			Y				SR	
IE522	Exit Release Rejection	E_EXT_REJ	SR			Y				SR	
IE524	Forwarded Arrival Advice	C_ARR_FWD	M	M			M		M		
IE525	Exit Release Notification	E_EXT_REL	SR			Y				SR	
IE527	Export Query	C_EXP_QUE	M	M			M		M		
IE528	Export MRN Allocated	E_MRN_EXP	SR			Y				SR	
IE529	Release for Export	E_REL_EXP	SR			Y				SR	
IE538	Response to Export Query	C_EXP_RSP	M	M			M		M		
IE547	Export Manifest Presentation	E_EXP_MAN		SR		Y				SR	
IE548	Export Manifest Validation	E_EXP_MVA	SR			Y				SR	
IE551	Export No Release	E_EXP_NRL	SR			Y				SR	
IE554	Export Release Request	E_EXP_RRQ		SR		Y				SR	
IE560	Export Control Decision Notification	E_EXP_CTR	SR			Y				SR	
IE561	Exit Control Decision Notification	E_EXT_CTR	SR			Y				SR	
IE562	Export Release Request Rejection	E_EXP_RRR	SR			Y				SR	
IE582	Request on Non-exited Export	E_REQ_EXT	O			Y				O	
IE583	Information about Non-exited Export	E_EXT_RSP		O		Y				O	

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IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE584	Export Follow-Up Request	C_EXP_FUR	M	M			M		M		
IE586	Export Follow-Up Negative Response	C_EXP_FUN	M	M			M		M		
IE590	Exit Notification	E_EXT_NOT	SR			Y				SR	
IE599	Export Notification	C_EXP_NTF	O			Y				O	
IE601	EXS	C_EXS_SND	M	M			M		M		
IE603	Exit Summary Declaration Response	C_EXS_RSP	M	M			M		M		
IE604	Exit Summary Declaration Amendment Acceptance	E_EXS_AAC	SR			Y				SR	
IE605	Exit Summary Declaration Amendment Rejection	E_EXS_ARJ	SR			Y				SR	
IE613	Exit Summary Declaration Amendment	E_EXS_AMD		SR		Y				SR	
IE615	Exit Summary Declaration Export	E_EXS_DAT		SR		Y				SR	
IE616	Exit Summary Declaration Rejected	E_EXS_REJ	SR			Y				SR	
IE628	Exit Summary Declaration Acknowledgement	E_EXS_ACK	SR			Y				SR	

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TECHNICAL MESSAGES

IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE901	Cancellation Acknowledgement	C_CAN_ACK	M	M			M		M		
IE904	Status Request	C_STD_REQ	M	M			M		M		
IE905	Status Response	C_STD_RSP	M	M			M		M		
IE906	Functional Nack	C_FUN_NCK	M	M			M		M		
IE907	EDIFACT Nack (CONTRL)	C_EDI_NCK	M	M			M		M		
IE908	CCN/CSI Confirm On Delivery Acknowledgement	C_COD_ACK	M	M			M				M
IE909	CCN/CSI Confirm On Arrival Acknowledgement	C_COA_ACK	M	M			M				M
IE910	CCN/CSI Expiration notification	C_EXP_NOT	M	M			M				M
IE911	CCN/CSI Exception notification	C_EXC_NOT	M	M			M				M

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 XI explains in detail how these messages need to be used.

The IE906 and IE907 messages are intended for error and exception handling.

The core business process will thus require:

- The implementation of a number of messages in EDIFACT format on the CCN/CSI platform;

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- The implementation of a number of messages where the EDIFACT format is required, for the National and External Domains, it is needed to be developed by the MS on a platform.

Note on common technical messages:

- The CCN/CSI technical messages (IE908, IE909, IE910, IE911) are always used for Core Business exchanges. They will also be used for performing exchanges with CS/MIS via CCN/CSI, and also for exchanges with CS/RD (if an MS uses the CCN/CSI platform for exchanges with CS/RD);
- The CCN/CSI messages are transparent to the users. Details concerning the technical CCN/CSI messages are included in DDCOM section VIII;
- The functional NACK and EDIFACT NACK messages (IE906 and IE907) are used to report errors when exchanging Core Business IE;
- They will also be used to report errors when exchanging IEs via CCN/CSI with the CS/MIS application and with the CS/RD application (note that an NA can choose whether or not to use CCN/CSI for performing exchanges with CS/RD). The usage of IE906 and IE907 is further explained in section VIII, chapter 3.

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CENTRAL SERVICES MESSAGES

IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE30	Notification of customs offices modification to common domain	C_COL_COM	M				M	M	M	M	
IE31	Notification of customs offices modification to national domain	C_COL_NAT		M			M	M	M	M	
IE32	Notification of common reference data modification to national domain	C_REF_MOD		M			M	M	M	M	
IE70	Notification of System Unavailability To CD	C_UNA_COM	M					M		M	
IE71	Notification of System Unavailability To ND	C_UNA_NAT		M				M		M	
IE411	Sending of Statistics Data	C_STA_SND	M				M	M	M	M	
*IE412	Statistics Generated sent to National Domain	C_STA_GEN		M				M		M	
IE906	Functional Nack	C_FUN_NCK	M	M			M		M		
IE907	EDIFACT Nack (CONTRL)	C_EDI_NCK	M	M			M		M		
IE908	CCN/CSI Confirm On Delivery Acknowledgement	C_COD_ACK	M	M			M				M
IE909	CCN/CSI Confirm On Arrival Acknowledgement	C_COA_ACK	M	M			M				M
IE910	CCN/CSI Expiration notification	C_EXP_NOT	M	M			M				M
IE911	CCN/CSI Exception notification	C_EXC_NOT	M	M			M				M
IE912	Availability Matrix	C_AVL_MTX	M					M		M	
IE913	Upload parsing response	C_UPL_RSP		M			M	M	M	M	

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IE	Name	Reference	National Export Control Application							
			Send	Receive	Exchange Mechanism				EDI Format	
					Paper	MS	CCN/CSI	Web	EDIFACT	XML
IE914	COL Request	C_COL_REQ	M				M		M	
IE916	Common RD request	C_REF_REQ	M				M		M	
IE931	COL data	C_COL_DAT		M			M	M	M	
IE932	Common RD data	C_REF_DAT		M			M	M	M	
IE971	Full unavailability schedule	C_UNA_DAT		M				M		M

Note that these messages are always exchanged between a NECA and a central reference site. IE32 messages can also be sent to NCTS-CO but only by common domain users.

For the IE30/IE31/IE32/IE913, one of the following developments is mandatory:

- The development of exchanges in XML or EDIFACT format on the Inter(Extra)net;
- The development of exchanges in EDIFACT format on CCN/CSI.

The following is to be noted for Central Services:

- An MS can decide to use CCN/CSI for performing COL and RD exchanges (IE30, IE31, IE32, IE913, IE914, IE916, IE931, IE932), or use the Inter(Extra)net for performing these exchanges.
- IE31/IE32 messages are not downloaded via HTTP on the Inter(extra)net but are sent via e-mail (SMTP protocol) to members of mail list.
- * The produced IE412 messages are available for download via the CS/MIS Web interface in any of the following formats: XML, XLS, HTML or TXT.

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SYSTEM ADMINISTRATION

This business process does not require any specific implementation of messages for the ECS Phase 2. It however requires the implementation of a number of requirements that are stated in Section VI of the DDNXA main document.