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Taxation and Customs Union DG SUBJECT: DDNIA FOR ICS Phase 1 Appendix A3: Messages per Business Scope (CUST-DEV3-SC09 DDNIA_APP_A3)		
FRAMEWORK CONTRACT TAXUD/2013/CC/124 SPECIFIC CONTRACT 09		

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INTRODUCTION

The following developments need to be undertaken:

- A mandatory development in the Common Domain, based upon CCN/CSI, all these exchanges being part of the core business process;
- A mandatory development of the E_ENS_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 on the Inter(Extra)net.

The overall development should cover a number of “Business Processes”, as defined for Import in FSS-AIS Addendum [A2]. The following Business Processes have been defined:

- Import 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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IMPORT CONTROL MESSAGES

IE	Name	Reference	National Import Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE301	ENS ¹²	C_ENS_SND	SR	SR			SR			M	
IE302	Declaration request Import	C_IMP_REQ	M	M			M			M	
IE303	Entry Summary Declaration response	C_ENS_RSP	M	M			M			M	
IE304	Entry Summary Declaration Amendment Acceptance	E_ENS_AAC	M							SR	
IE305	Entry Summary declaration Amendment rejection	E_ENS_ARJ	M							SR	
IE313	Entry Summary Declaration amendment	E_ENS_AMD		M						SR	
IE315	Entry Summary Declaration	E_ENS_DAT		M						SR	
IE316	Entry Summary Declaration rejected	E_ENS_REJ	M							SR	
IE319	Transmission to Subsequent office of entry	C_ENS_SUB	M	M			M			M	
IE323	Diversion request Import	E_DIV_REQ		M						SR	
IE324	Diversion request Rejected	E_DIV_REJ	M							SR	
IE325	Diversion request Acknowledgement	E_DIV_ACK	M							SR	
IE328	Entry Summary Declaration Acknowledgement	E_ENS_ACK	M							SR	
IE351	Advanced Intervention Notification	E_AIV_NOT	M							SR	

¹ The IE301 message is mandatory 'M' for Member States that allow the ENS to be lodged at an Office of Lodgement located in a different Member State than the Member State that the Office of first Entry is located.

² The IE301 message is mandatory 'M' for Member States that allow the ENS to be received from an Office of Lodgement located in a different Member State than the Member State that the Office of first Entry is located.

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TECHNICAL MESSAGES

IE	Name	Reference	National Import Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE906	Functional Nack	C_FUN_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
IE917	XML NACK	C_XML_NCK	M	M			M			M	

The IE908, IE909, IE910 and IE911 messages are the standard internal CCN/CSI messages that merely need to be used in order to perform the message exchanges. Section XI explains in detail how these messages need to be used.

The IE906 and IE907 messages are intended for the error and exception handling. The core business process will thus require:

- The implementation of a number of messages in the XML format on the CCN/CSI platform;
- The implementation of a number of messages where the XML format is required, for the National and External Domains, it needs to be developed by the MS on a platform.

Note on common technical messages:

- The CCN/CSI technical messages (IE908, IE909, IE910 and IE911) are always used for the 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 XML NACK messages (IE906 and IE917) 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 Import Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE030	Notification of customs offices modification to common domain	C_COL_COM	M				M	M		M	
IE031	Notification of customs offices modification to national domain	C_COL_NAT		M			M	M		M	
IE032	Notification of common reference data modification to national domain	C_REF_MOD		M			M	M		M	
IE070	Notification of System Unavailability To CD	C_UNA_COM	M					M		M	
IE071	Notification of System Unavailability To ND	C_UNA_NAT		M				M		M	
IE411	Sending of Statistics Data	C_STA_SND	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	
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	
IE914	COL Request	C_COL_REQ	M				M			M	
IE916	Common RD request	C_REF_REQ	M				M			M	
IE917	XML Nack (CONTRL)	C_XML_NCK	M	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 an NICA and a central reference site. IE032 messages can also be sent to NCTS-CO but only by the common domain users.

For the IE030/IE031/IE032/IE913/IE931/IE932, one of the following developments is mandatory:

- The development of exchanges in the XML format on the Inter(Extra)net;

The following is to be noted for Central Services:

- An MS can decide to use CCN/CSI for performing the COL and RD exchanges (IE030, IE031, IE032, IE913, IE914, IE916, IE931, IE932), or use the Inter(Extra)net for performing these exchanges;

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- IE031/IE032 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 ICS. However, it requires the implementation of a number of requirements that are stated in Section V of the DDNIA main document.