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CUST-DEV3 Project

SUBJECT:

DDNTA for NCTS Phase 4

**Appendix A3: Messages per Business Scope
(CUSTDEV3-SC03-DDNTA_APP_A3)**

**FRAMEWORK CONTRACT TAXUD/2013/CC/124
SPECIFIC CONTRACT 03**

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_DEC_DAT and E_REL_TRA 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 Inter(Extra)net.

The overall development should cover a number of "Business Processes", as defined for Transit in FTSS 4_0 NCTS Addendum 2009 [A4]. The following Business Processes have been defined:

- Core Business;

- Guarantee Management;

- 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.

CORE BUSINESS

The Information Exchanges for the Core Business process are summarised in the table below. In this table only the "Functional Messages" to be foreseen have been included.

IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE01	AAR	C_AAR_SND	M	M			M		M		
IE02	AAR request	C_AAR_REQ	M	M			M		M		
IE03	AAR response	C_AAR_RSP	M	M			M		M		
IE04	Amendment acceptance	E_AMD_ACC	SR			Y			SR		
IE05	Amendment rejection	E_AMD_REJ	SR			Y			SR		
IE06	Arrival advice	C_ARR_ADV	M	M			M		M		
IE07	Arrival notification	E_ARR_NOT		SR		Y			SR		
IE08	Arrival notification rejection	E_ARR_REJ	SR			Y			SR		
IE09	Cancellation decision	E_CAN_DEC	SR			Y			SR		
IE10	Cancellation notification	C_CAN_NOT	M	M			M		M		
IE11	Sensitive Goods Notification	C_SGI_NOT	M				M		M		
IE12	AAR-TIR-SPEED	C_AAR_SPD	M				M		M		
IE13	Declaration amendment	E_DEC_AMD		SR		Y			SR		
IE14	Declaration cancellation request	E_DEC_CAN		SR		Y			SR		
IE15	Declaration data	E_DEC_DAT		M		Y			SR		
IE16	Declaration rejected	E_DEC_REJ	SR			Y			SR		
IE17	Departure control results	N_DEP_CON		R		Y			R		
IE18	Destination control results (type A or B)	C_DES_CON	M	M			M		M		
IE19	Discrepancies	E_DIS_SND	SR			Y			SR		
IE20	Discrepancies solved notification	C_DIS_SOL	M	M			M		M		
IE21	AAR rejection notification	E_REJ_NOT	SR			Y			SR		
IE23	Guarantor notification	E_GUA_NOT	SR			Y			SR		
IE24	Forwarded arrival advice	C_FWD_ARR	M	M			M		M		
IE25	Goods release notification	E_GDS_REL	SR			Y			SR		
IE27	Movement query	C_MVT_QUE	M	M			M		M		
IE28	MRN allocated	E_MRN_ALL	SR			Y			SR		
IE29	Release for transit	E_REL_TRA	M			Y			SR		
IE35	Recovery procedure notification	E_REC_NOT	O			Y			R		

IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE38	Response to movement query	C_MVT_RSP	M	M			M		M		
IE43	Unloading permission	E_ULD_PER	SR			Y			SR		
IE44	Unloading remarks	E_ULD_REM		SR		Y			SR		
IE45	Write-off notification	E_WRT_NOT	SR			Y			SR		
IE50	ATR	C_ATR_SND	M	M			M		M		
IE51	No release for transit	E_REL_NOT	SR			Y			SR		
IE54	Request of release	E_REQ_REL		SR		Y			SR		
IE58	Unloading remarks rejection	E_ULD_REJ	SR			Y			SR		
IE59	Cancel enquiry notification	C_CAN_ENQ	M	M		Y			M		
IE60	Control decision notification	E_CTR_DEC	SR			Y			SR		
IE62	Release request rejection	E_REQ_REJ	SR			Y			SR		
IE63	Recovery communication	C_REC_COM	M	M	Y	Y	Y		SR		
IE100	Ask for documents	E_ASK_DOC	SR			Y			SR		
IE101	Return documents	E_DOC_SND		SR	Y						
IE110	Paper control results	C_RES_PAP		M	Y						
IE111	Authorised consignee query	C_AUT_QUE	M	M			M		M		
IE112	Response to authorised consignee query	C_AUT_RSP	M	M			M		M		
IE114	ATR request	C_ATR_REQ	M	M			M		M		
IE115	ATR response	C_ATR_RSP	M	M			M		M		
IE118	NCF	C_NCF_NOT	M	M			M		M		
IE119	Departure control document on paper	E_DEP_PAP	SR	SR	Y						
IE120	Destination control document on paper	E_DES_PAP	SR	SR	Y						
IE121	Communicate diversion	C_DIV_COM		M	Y						
IE140	Request on non-arrived movement	E_REQ_MOV	SR			Y			R		
IE141	Information about non-arrived movement	E_MOV_RSP		SR		Y			R		
IE142	Enquiry request	C_ENQ_REQ	M	M			M		M		
IE143	Enquiry response	C_ENQ_NEG	M	M			M		M		
IE144	Enquiry information	C_ENQ_INF	M	M			M		M		
IE145	Enquiry information request	C_INF_REQ	M	M			M		M		
IE150	Recovery request	C_REC_REQ	M	M			M		M		
IE151	Recovery acceptance notification	C_REC_ACC	M	M			M		M		
IE152	Recovery dispatch notification	C_REC_DIS	M	M			M		M		

TECHNICAL MESSAGES

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

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;
- 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 NA 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 NA 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.

CENTRAL SERVICES MESSAGES

The messages to be supported for the "Central Services" business process are shown below:

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		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		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		
IE914	COL Request	C_COL_REQ	M					M		M		
IE916	Common RD request	C_REF_REQ	M					M		M		
IE918	MRN List Query	C_MRN_QUE	O					M		M		
IE919	MRN List Response	C_MRN_RSP		O			M	M	M	M		
IE931	COL data	C_COL_DAT		M			M	M	M	M		
IE932	Common RD data	C_REF_DAT		M			M	M	M	M		
IE971	Full unavailability schedule	C_UNA_DAT		M				M		M		

Note that these messages are always exchanged between a NTA 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 NA 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 mailing list.

GUARANTEE MANAGEMENT

The messages to be supported for the "Guarantee Management" business process are shown below:

IE	Name	Reference	National Export Control Application								
			Send	Receive	Exchange Mechanism				EDI Format		
					Paper	MS	CCN/CSI	Web	EDIFACT	XML	CCN/CSI
IE26	Guarantee access codes	E_ACC_COD		R		Y			R		
IE34	Query on guarantees	C_GUA_QUE	M	M			M		M		
IE37	Response query on guarantees	C_GUA_RSP	M	M			M		M		
IE55	Guarantee not valid	E_GUA_INV	SR			Y			SR		
IE200	Guarantee check	C_GUA_CHE	M	M			M		M		
IE201	Guarantee check result	C_GUA_RES	M	M			M		M		
IE203	Guarantee use	C_GUA_USE	M	M			M		M		
IE204	Guarantee use cancellation	C_GUA_CAN	M	M			M		M		
IE205	Guarantee use result	C_GUA_USR	M	M			M		M		
IE209	Credit reference amount	C_GUA_CRE	M	M			M		M		
IE224	Flat-rate guarantee voucher information sold	E_FRG_INF		R		Y			R		
IE225	Guarantee update notification	N_GUA_WUP	R			Y			R		
IE228	Comprehensive guarantee cancellation liability liberation	E_GOG_CNL	R			Y			R		
IE229	Individual Guarantee Voucher revocation notification	E_IGV_RNG	R			Y			R		
IE231	Comprehensive guarantee cancellation notification	E_COG_CNP	R			Y			R		

SYSTEM ADMINISTRATION

This business process does not require any specific implementation of messages for the NCTS Phase 4. It however requires the implementation of a number of requirements that are stated in Section VI of the DDNTA main document.