

Excise Functional Requirements BPM Report for Administrative Cooperation
COVER PAGE

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1. INTRODUCTION

1.1. Document Purpose

This document presents the L4 Functional Requirements Processes for Administrative Cooperation. It includes L4 processes that show the human interaction tasks and the automated tasks and the information exchanges. In addition, there is an annex containing graphic representations of the L4 Business Process Diagrams. This report is generated from ARIS and only contains information present in ARIS.

1.2. Deviation From TEMPO

The following TEMPO sections are not part of this document:

- Sign Off list;
- Distribution List;
- Scope;
- Applicable Documents;
- List of Tables;
- List of Figures.

The following TEMPO sections are added to this document:

- Project Ownership;
- Intended Audience.

1.3. Assumption and Constraints

The reader should have a basic knowledge of the EU BPM methodology.

1.4. Project Ownership

The unit DG TAXUD/C3 is the project owner of this Excise Functional Requirements BPM Report.

1.5. Intended Audience

The purpose of this document is to establish a common understanding between readers that are familiar with the applicable documents and may belong to the following categories:

- Any person responsible for the Excise - EMCS business / system processes, requirements, functional specifications or conformance testing;
- Any person responsible for the Export - AES business / system processes, requirements, functional specifications or conformance testing;
- Any person of the development team of DG TAXUD/C5 who will use this document as a reference during the development cycle;
- Any person from the DG TAXUD units who has to verify whether the current document is consistent with the applicable documents and depicts the solution to be followed;
- Any Member State (MS) or Trade representatives who have to identify the actions, implications and consequences on their national domain, including both business people and people having an IT background.

1.6. Structure of Document

This document is organised as follows:

- Introduction;
- References, containing a list of acronyms and abbreviations and the documents referenced in this functional requirements document;

INTRODUCTION

- Document History, listing the different versions and submission dates of this functional requirements document;
- High Level System Overview, providing an overview of the system and the actors involved in this functional requirements document;
- Process Models, visualising in separate sections information from all L4 BPMs relating to the system covered in this functional requirements document.

In separate document, the following related annex may be found:

- Annex 1: Model Graphics, providing all L4 BPM models

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REFERENCES

2. REFERENCES

2.1. Acronyms and abbreviations

ACRONYM	DESCRIPTION
ARC	Administrative Reference Code
Art	Article
BPM	Business Process Model
B2B	Business-to-Business
CCN	Common Communication Network
COL	Customs Office List
DG TAXUD	Directorate General Taxation and Customs Union
e-AD	Electronic Administrative Document
ELO	Excise Liaison Office
EMCS	Excise Movement and Control System
EOL	Excise Office List
e-SAD	Electronic Simplified Administrative Document
EU	European Union
ID	Identifier
IT	Information Technology
MS	Member State(s)
MSA	Member State Administration
N/A	Not Applicable
HL	High Level
RADM	Registration and Authorisation Data Management
Reg	Regulation
TEMPO	TAXUD Electronic Management of Projects On-Line
UR	User Requirement

Table 2.1: Acronyms and abbreviations

2.2. Reference Documents

The following documents are of interest to this document and its annexes:

REF.	TITLE	ORIGINATOR	VERSION	DATE
R01	SC15 DLV-6.4-1-(10) EU CUSTOMS BPM	DG TAXUD	3.00	10/01/2014

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	METHODOLOGY DOCUMENT-v3.00			
R02	Functional Excise System Specifications	DG TAXUD	v3.65	13/11/2013
R03	Design Document for National Excise Applications (EMCS Phase 3)	DG TAXUD	v1.76	13/11/2013

Table 2.2: Reference Documents

Excise Functional Requirements BPM Report for Administrative Cooperation
DOCUMENT HISTORY

3. DOCUMENT HISTORY

ED.	REV.	DATE	DESCRIPTION	ACTION *	PAGES
0	01	27/04/2014	Producing the L4 models L4-ACO-AS-IS-01-01, L4-ACO-AS-IS-01-02, L4-ACO-AS-IS-01-03, L4-ACO-AS-IS-01-04, L4-ACO-AS-IS-01-05, L4-ACO-AS-IS-01-06, L4-ACO-AS-IS-01-07, L4-ACO-AS-IS-01-08 in accordance with RFA 322 Submitted for review to DG Taxation and Customs Union.	I,U	All
1	00	04/06/2015	Implementing reviewers' comments.Submitted for acceptance to DG Taxation and Customs Union.	I,U	As required
1	01	01/07/2015	Producing the L4 models L4-ACO-AS-IS-01-09, L4-ACO-AS-IS-01-10, L4-ACO-AS-IS-01-11, L4-ACO-AS-IS-01-12, L4-ACO-AS-IS-01-13, L4-ACO-AS-IS-01-14 in accordance with RFA 322 - Package 2. Submitted for review to DG Taxation and Customs Union.	I,U	As required
1	02	30/07/2015	Implementing reviewers' comments. Submitted for acceptance to DG Taxation and Customs Union.	I,U	As required
1	03	03/08/2015	Producing the L4 models L4-ACO-AS-IS-01-15, L4-ACO-AS-IS-01-16, L4-ACO-AS-IS-01-17 in accordance with RFA 333. Submitted for review to DG Taxation and Customs Union.	I,U	As required
1	04	07/09/2015	Implementing reviewers' comments.	I,U	As required

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DOCUMENT HISTORY

			Submitted for acceptance to DG Taxation and Customs Union.		
1	05	07/09/2015	<p>Producing the following L4 models:</p> <ul style="list-style-type: none"> • IE717 control report C_CCR_DAT • IE721 administrative cooperation common request C_COO_SUB • IE722 movement verification request C_MVS_SUB • IE723 movement verification answer C_MVS_ANS • IE724 reminder message for movement verification request C_MVS_REM • IE725 movement verification results C_MVS_RES • IE807 interruption of movement C_STP_NOT • IE820 history results C_HIM_RES • IE840 event report C_EVT_DAT • IE867 administrative cooperation results C_COO_RES • IE868 answer message C_COO_ANS • IE869 reminder message for administrative cooperation C_COO_REM <p>in accordance with RFA: RfA-348 :Production of BPM AS-IS MADs.</p>	I,U	As required
1	00	22/01/2016	<p>Implementing reviewers' comments.</p> <p>Submitted for acceptance to DG Taxation and Customs Union.</p>		
1	07	03/03/2017	<p>Produced/Updated L4 Models and Artefacts (EMCS P3.3 Evolution & EMCS Baseline Completion) under SC04-RFA#393</p> <p>Submitted for review to DG Taxation and Customs Union.</p>	I, U	All
1	08	15/06/2017	Produced/Updated L4 Models and Artefacts (EMCS P3.3 Evolution &	I, U	All

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			EMCS Baseline Completion) under SC04-RFA#393 Submitted for Acceptance to DG Taxation and Customs Union.		
1	09	15/06/2017	Produced/Updated L4 Models and Artefacts (Completion of EMCS 3.3 BPMs) under SC03-RFA#077. Submitted for Acceptance to DG Taxation and Customs Union.	I, U	All
1	10	04/08/2017	Produced/Updated L4 Models and Artefacts (Completion of EMCS 3.3 BPMs) under SC03-RFA#077. Submitted for Acceptance to DG Taxation and Customs Union.	I, U	All
1	11	03/04/2018	Updated L4 Models and Artefacts (EMCS 3.3 BPMs MS comments implementation) under SC05-RfA #501. Submitted for Review to DG Taxation and Customs Union.	I, U	All
1	12	02/05/2018	Updated L4 Models and Artefacts (EMCS 3.3 BPMs MS comments implementation) under SC05-RfA #501. Submitted for Acceptance to DG Taxation and Customs Union.	I, U	All
1	13	02/05/2018	Published for Member States (MSI).	I, U	All
1	14	02/05/2018	Implementation of EMCS 3.4 BPMs under SC05-RfA #525. Submitted for Review to DG Taxation and Customs Union.	I, U	All
1	15	29/10/2018	Implementation of EMCS 3.4 BPMs under SC05-RfA #525. Submitted for Acceptance to DG Taxation and Customs Union.	I, U	All
1	16	29/10/2018	Published for Member States (MSI).	I, U	All

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3	92	11/11/2020	Implementation of EMCS Phase 4 BPMs under SC09-RfA#632. Submitted for Review to DG Taxation and Customs Union.	I, U	All
3	93	01/12/2020	Implementation of review comments for EMCS Phase 4 BPMs under SC09-RfA#632. Submitted for Acceptance to DG Taxation and Customs Union.	I, U	All
3	94	16/12/2020	Implementation of Phase 4 BPMs under SC09-RfA#632. Submitted for Member States Review.	I, U	All
4	00	19/04/2021	Implementation of Phase 4 Member States review comments under SC09-RfA#632. Published for Member States Information (MSI).	I, U	All
4	01	18/11/2021	Implementation of the following RFCs: FESS-274, FESS-276, FESS-277, FESS-278, FESS-279, FESS-280, FESS-281, FESS-282, FESS-283, FESS-284, FESS-285. Published for Member States Information (MSI).	I, U	All
4	02	25/10/2022	Implementation of the following RFCs: FESS-286, FESS-287, FESS-288, FESS-289, FESS-290, FESS-291, FESS-292, FESS-293, FESS-294, FESS-295, FESS-296, FESS-297, FESS-298, FESS-299, FESS-300, FESS-302. Submitted for Review to DG TAXUD.	I, U	All
4	03	30/11/2022	Implementation of review comments received under SC08-RfA#192 from DG TAXUD. Submitted for Acceptance to DG TAXUD.	I, U	All

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4	10	07/12/2022	Implemented BPMs under SC08-RfA#192. Submitted for Member States Review.	I, U	All
4	11	17/02/2023	Implemented BPMs under SC08-RfA#275. Implementation of the following RFCs: FESS-305, FESS-306 Submitted for Review to DG TAXUD.	I, U	All
4	12	01/03/2023	Implemented BPMs under SC08-RfA#275. Submitted for Acceptance to DG TAXUD.	I, U	All
4	12	01/03/2023	Implemented BPMs under SC08-RfA#275. Published for Member States Information (MSI).	I, U	All
4	13	31/01/2025	Implementation of the following RFCs: FESS-307/Rev1, FESS-309/Rev1, FESS-310/Rev1, FESS-311/Rev1, FESS-312/Rev1, FESS-314/Rev1, FESS-315/Rev1, FESS-316/Rev1, FESS-317/Rev1, FESS-318/Rev1, FESS-319/Rev1, FESS-323/Rev1, FESS-330/Rev1, FESS-333, FESS-322, FESS-324, FESS-325, FESS-326, FESS-327, FESS-328, FESS-329, FESS-331, FESS-332, FESS-334, FESS-335, FESS-337, FESS-338, FESS-339, FESS-341, FESS-342, FESS-343, FESS-345, FESS-346, FESS-347, FESS-348 Submitted for Review to DG TAXUD.	I, U	All
4	20	24/02/2025	Implementation of review comments received from DG TAXUD. Submitted for Acceptance to DG TAXUD.	I, U	All
4	21	27/02/2025	Implementation of review	I, U	All

Excise Functional Requirements BPM Report for Administrative Cooperation
DOCUMENT HISTORY

			comments received from DG TAXUD. re-Submitted for Acceptance to DG TAXUD.		
4	21	27/02/2025	Implementation of the following RFCs: FESS-307/Rev1, FESS-309/Rev1, FESS-310/Rev1, FESS-311/Rev1, FESS-312/Rev1, FESS-314/Rev1, FESS-315/Rev1, FESS-316/Rev1, FESS-317/Rev1, FESS-318/Rev1, FESS-319/Rev1, FESS-323/Rev1, FESS-330/Rev1, FESS-333, FESS-322, FESS-324, FESS-325, FESS-326, FESS-327, FESS-328, FESS-329, FESS-331, FESS-332, FESS-334, FESS-335, FESS-337, FESS-338, FESS-339, FESS-341, FESS-342, FESS-343, FESS-345, FESS-346, FESS-347, FESS-348 Submitted for Member States Review (MSP)		
4	22	11/04/2025	Implementation of MS comments Submitted for Information (SfI)		
4	22	16/04/2025	Submitted for MSAs comments implementation confirmation (MSC)		

Table 3.1: Document History

*I = Insert, R = Replace, U = Update

4. HIGH LEVEL SYSTEM OVERVIEW

4.1. System Overview

This document contains the functional specifications for the Excise Movement and Control System to which any Nationally Developed Excise Application (NDEA) and Centrally Developed Excise Application (CDEA) needs to conform. These functional specifications are to be regarded as the basis for the development of the technical specifications (i.e. DDNEA – 'Design Document for National Excise Applications'). It is important to note that the complete functional specifications can be found in ARIS and that this document is envisaged to be supporting documentation to the diagrams and information in ARIS. If the legal baseline of this document would change, the functional specifications will need to be updated and aligned.

Since the actual implementation of the system is under national responsibility, the division between user interface and automated tasks included in this document should be considered as a proposal from DG TAXUD. MSAs are free to deviate and introduce more or less automation. However, as with all Trans-European Systems, compliance with the common domain information exchanges will be mandatory to ensure automated communication between MSAs.

4.2. Actors

ACTORS	DESCRIPTION
MSA Official	Any official of a MSA having a role in EMCS (the appointment of persons, as well as the profile definitions, is left to each MSA), such as the ELO and the Excise Officer.
Issuing MSA	The excise office that after discovering information worth communicating to one or several other MSAs, undertakes any required controls and sends a message reporting the found information and/or the results of the actions performed to the concerned MSAs.
Consignee	<p>The Economic Operator that reports receipt or refusal of goods, alerts on non-conformity of documents, possibly rejects the e-AD/e-SAD.</p> <p>Note: in these specifications, unless explicitly stated otherwise, the terms "consignor" and "consignee" mean any type of consignor and consignee respectively. For instance, "consignor" may mean authorised warehouse keeper, or registered consignor, or certified consignor or temporary certified consignor. The specific type of operator will be indicated only when a process, rule, condition, etc. requires it (i.e. applies only to one or more specific types of consignors or of consignees).</p>
Requested MSA	The excise office that after receiving a request is responsible to respond by providing the requested information/results.
ELO	The ELO (Excise Liaison Office) manages all exchanges between MS concerning movements and other EMCS-linked information, in particular concerning data involved in SEED, enquiries, administrative cooperation exchanges.

Addressed MSA	The excise office that receives the information and/or results of the controls performed by the Issuing MSA. It is used in the context of the “Administrative cooperation - spontaneous information” business process.
Consignee	<p>The Economic Operator that handles the order of the Duty Paid goods, lodges (optionally) a guarantee with the MSA of Dispatch and pays the excise duty for the goods ordered. He is optionally involved in the endorsement of SAAD Copy 3 and is responsible to provide to the Consignor the credentials required (if any) for the refund of the excise duty that was originally paid by the Consignor to the MSA of Dispatch.</p> <p>Note: in these specifications, unless explicitly stated otherwise, the terms "consignor" and "consignee" mean any type of consignor and consignee respectively. For instance, “consignor” may mean authorised warehouse keeper, or registered consignor, or certified consignor or temporary certified consignor. The specific type of operator will be indicated only when a process, rule, condition, etc. requires it (i.e. applies only to one or more specific types of consignors or of consignees).</p>
Consignor	<p>The Economic Operator that submits the e-AD/e-SAD and all possible changes, e.g. change of destination, splitting (duty suspension only), cancellation (duty suspension only), etc. to the MSA of Dispatch. The Consignor is the owner of the contents of an e-AD/e-SAD, i.e. he is the only one allowed to change its contents.</p> <p>Note: in these specifications, unless explicitly stated otherwise, the terms "consignor" and "consignee" mean any type of consignor and consignee respectively. For instance, “consignor” may mean authorised warehouse keeper, or registered consignor, or certified consignor or temporary certified consignor. The specific type of operator will be indicated only when a process, rule, condition, etc. requires it (i.e. applies only to one or more specific types of consignors or of consignees).</p>
Control officer	The control officer performs physical/documentary control, evaluates the findings from the control and submits the control report to his MSA application
EMCS	EMCS (Excise Movement and Control System) is a computerised system for monitoring movements of excise goods within the EU.
Excise Authority	N/A
Excise officer	The Excise Officer performs operational duties that belong to the MSA in EMCS movement.
Initiator MSA	The excise office that initially validated the movement information and is committed to give access to its movement

	information to other MSAs. It is used in the context of the “General query to retrieve an e-AD/e-SAD” business process.
Initiator MSA	The excise office that validates and securely stores all information submitted by the Consignor, in particular all successive states of the e-AD/e-SAD, before sending this information to the MSA Destination application. It monitors the outgoing traffic, i.e. the goods leaving the tax warehouse.
MSA of Control	MSA of Control: The excise office that validates, stores and disseminates the Control Report to all concerned actors
MSA of Dispatch	The excise office that validates and stores all information submitted by the Consignor, in particular all successive states of the e-SAAD, before sending this information to the MSA Destination application. It monitors the outgoing traffic, e.g. the goods leaving the tax warehouse.
MSA of Dispatch	The excise office that validates and stores all information submitted by the Consignor, in particular all successive states of the e-AD/e-SAD, before sending this information to the MSA Destination application. It monitors the outgoing traffic, e.g. the goods leaving the tax warehouse.
MSA of Event	<p>The MSA of Event is the competent authority of the Member State on the territory of which an event has occurred. The MSA of Event is responsible for:</p> <ul style="list-style-type: none"> - Assigning a unique reference to the Event Report, - Forwarding Event Report to all concerned MSAs. <p>The MSA of Event may check the contents of the Event Report by means of actions outside the system.</p> <p>The MSA of Event can be the MSA of Dispatch, the MSA of Destination/MSA of Export or a third MSA (i.e. an MSA not involved in the movement).</p>
MSA of Interruption	<p>The MSA of Interruption is the MSA where the interruption occurred.</p> <p>The MSA of Interruption can be the MSA of Dispatch or the MSA of Destination or a third MSA (i.e. an MSA not involved in the movement that is to be interrupted).</p>
MSA of Submission	MSA of Submission: The excise office that validates and stores all information submitted by the Excise Officer regarding a particular event, and forwards this information to the MSA of Event
National (Requestor) MSA	The excise office that forwards the search query for the retrieval of an e-AD/e-SAD to the Initiator MSA. It is used in the context of the “General query to retrieve an e-AD/e-SAD” business process.
Requesting MSA	The excise office that initiates a request.

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

5. PROCESS MODELS

5.1. Process L4-ACO-01-00-Administrative Cooperation

5.1.1. Objective of Process

The purpose of this diagram is to present in one diagram the main flow concerning Administrative Cooperation process. This diagram mainly focuses on the successful path. For more details please check the respective L4 BPMN diagrams.

5.1.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-00
Full Name	Administrative Cooperation
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	N/A
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.1: Process Details

5.1.3. Tasks and Events

Task Administrative Cooperation–Request for assistance (Request)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Administrative Cooperation–Request for assistance (Request)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to request information/actions from an MSA for a duty suspension or a duty paid B2B movement?
Information Exchange	
Requirements	
Data Set	
Events	

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

State	
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Table 5.2: Task Administrative Cooperation–Request for assistance (Request)

Task Administrative Cooperation–Spontaneous information

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Administrative Cooperation–Spontaneous information
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to communicate information/results without prior request to another MSA?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.3: Task Administrative Cooperation–Spontaneous information

Event Cooperation/Exchange of Information to be performed

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Cooperation/Exchange of Information to be performed
Event Type	Start event
Description	
Previous Objects	

Table 5.4: Event Cooperation/Exchange of Information to be performed

Task Interruption of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Interruption of a Movement
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority

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Input Data	
Output Data	
Previous Objects	Decision to interrupt a duty suspension movement?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.5: Task Interruption of a Movement

Task Submission of an Event Report (Submit)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Submission of an Event Report (Submit)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to submit an event report for a duty suspension movement or a duty paid B2B movement or a duty paid B2C movement or an undocumented movement?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.6: Task Submission of an Event Report (Submit)

Task Submission of an Event Report (Handling)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Submission of an Event Report (Handling)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority

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Input Data	
Output Data	
Previous Objects	Submission of an Event Report (Submit)
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.7: Task Submission of an Event Report (Handling)

Task Control and Submission of Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Control and Submission of Control Report
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to submit a control report for a duty suspension movement or a duty paid B2B movement or a duty paid B2C movement or an undocumented movement?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.8: Task Control and Submission of Control Report

Task Status Synchronisation Mechanism

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Status Synchronisation Mechanism
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority

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Input Data	
Output Data	
Previous Objects	Need to initiate a status/status synchronisation request; manually or automatically
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.9: Task Status Synchronisation Mechanism

Event Cooperation/Exchange of Information performed

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Cooperation/Exchange of Information performed
Event Type	End event
Description	
Previous Objects	<p>Submission of an Event Report (Handling)</p> <p>Decision to submit an event report for a duty suspension movement or a duty paid B2B movement or a duty paid B2C movement or an undocumented movement?</p> <p>Manual Closure of a Movement</p> <p>Decision to manually close a duty suspension movement?</p> <p>General query to retrieve an e-AD/e-SAD (Results)</p> <p>Decision to retrieve an e-AD/e-SAD?</p> <p>Interruption of a Movement</p> <p>Decision to interrupt a duty suspension movement?</p> <p>Administrative Cooperation–Request for assistance (Request)</p> <p>Decision to request information/actions from an MSA for a duty suspension or a duty paid B2B movement?</p> <p>Decision to submit a control report for a duty suspension movement or a duty paid B2B movement or a duty paid B2C movement or an undocumented movement?</p> <p>Control and Submission of Control Report</p> <p>Decision to communicate information/results without prior request to another MSA?</p> <p>Administrative Cooperation–Spontaneous information</p> <p>Need to initiate a status/status synchronisation request; manually or automatically</p> <p>Status Synchronisation Mechanism</p> <p>Decision to download all records concerning an e-AD/e-SAD?</p> <p>Download of an e-AD/e-SAD (Results)</p>

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Table 5.10: Event Cooperation/Exchange of Information performed

Task General query to retrieve an e-AD/e-SAD (Query)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	General query to retrieve an e-AD/e-SAD (Query)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to retrieve an e-AD/e-SAD?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.11: Task General query to retrieve an e-AD/e-SAD (Query)

Task General query to retrieve an e-AD/e-SAD (Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	General query to retrieve an e-AD/e-SAD (Results)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	General query to retrieve an e-AD/e-SAD (Query)
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.12: Task General query to retrieve an e-AD/e-SAD (Results)

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Task Download of an e-AD/e-SAD (Query)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Download of an e-AD/e-SAD (Query)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to download all records concerning an e-AD/e-SAD?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.13: Task Download of an e-AD/e-SAD (Query)

Task Download of an e-AD/e-SAD (Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Download of an e-AD/e-SAD (Results)
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Download of an e-AD/e-SAD (Query)
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.14: Task Download of an e-AD/e-SAD (Results)

Task Manual Closure of a Movement

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Manual Closure of a Movement
Task Type	Call activity (collapsed)
Description	
Actor	Excise Authority
Input Data	
Output Data	
Previous Objects	Decision to manually close a duty suspension movement?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.15: Task Manual Closure of a Movement

5.2. Process L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)

5.2.1. Objective of Process

The purpose of this process is to describe the electronic flow for requesting information, controls or actions on any subject related to given operator(s) or movement(s).

In case of movements under duty suspension or duty paid, the Requesting MSA is legally obliged (see Article 25(1) of Regulation (EU) No 389/2012) to consult the concerned movement information through the use cases (L4-ACO-01-21-Download of an e-AD/e-SAD (Query) (FESS)), (L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query)) and (L4-ACO-01-18-Status Synchronisation Mechanism)), prior launching a request via the current model.

Upon any event that draws their attention on a particular movement (in particular risk assessment, but possibly any other information coming from external sources), the ELO of any Member State registers a request for controls, actions and information on any subject related to given operator(s) or movement(s) to its MSA.

After receiving the aforementioned request, the Requesting MSA stores it and builds an Administrative Cooperation Common Request message, explicitly indicating that the Request Type is “Administrative cooperation”. After storing the Administrative Cooperation Common Request the Requesting MSA sets the state of the request to “Open” and sends the aforementioned message to the Requested MSA. Finally the Requesting MSA initiates the timer TIM_ACO to expire at the expected deadline for receiving the results, as specified in the request message.

The Requested MSA receives the Administrative Cooperation Common Request indicating a request for information, controls or actions, performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively).

Afterwards, the Requested MSA determines whether the Administrative Cooperation Common Request has been found valid or not. In the latter case, a refusal message has already been sent to the Requesting MSA for

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the receipt of an invalid Administrative Cooperation Common Request (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Administrative Cooperation Common Request. Otherwise, the Administrative Cooperation Common Request has already been stored (in the context of process “L4-CORE-01-05”). The Requested MSA sets the state of the request to “Open” and its ELO is informed about the request for information, controls or actions received.

The ELO of the Requested MSA analyses the request and estimates whether it is possible or not to give the requested information/results in the time limit indicated in the request message. Depending on the outcome of his analysis the following cases exist:

a) If the Requested ELO agrees with the requested deadline for results, this agreement is implicit; the continuation of the flow of the concerned request takes place at EMCS through the process “L4-ACO-01-03” where the Results are received and this process ends at this point; or

b) If the Requested ELO feels the deadline is too short, the requested ELO they may send, within one month following the date of receipt of the request, an intermediate message called answer message, where they give a new deadline and their reasons to delay the results message. (see Article 11(3) of Regulation (EU) No 389/2012). The continuation of the flow of the concerned request takes place at EMCS through the process “L4-ACO-01-08”.

c) If the Requested ELO does not agree with the contents of the request the continuation of the flow of the concerned request takes place at EMCS through the process "L4-ACO-01-24".

In case b) mentioned above and as a result of process “L4-ACO-01-08” triggered, the Requested MSA sends an Answer Message to the Requesting MSA. The Requesting MSA after receiving the Answer Message, performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CBC-01-03” and “L4-CORE-01-05” respectively).

Afterwards, the Requesting MSA determines whether the Answer Message has been found valid or not. In the latter case, a refusal message has already been sent to the Requested MSA for the receipt of an invalid Answer Message (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Answer Message.

Otherwise, the Answer Message has already been stored (in the context of process “L4-CORE-01-05”). The Requesting MSA updates the state of the request to “Extended” and if the timer TIM_ACO has already expired (a reminder message has been sent to the Requested MSA through process “L4-ACO-01-02”), first resets the flag that has been raised locally at expiration time and then resets the timer TIM_ACO to expire at the new deadline given in the Answer Message; his ELO is informed of the Requested ELO’s request for deadline extension.

It might also be the case that the timer TIM_ACO expires at the Requesting MSA without having received a History Results message or an Answer Message for extending the deadline from the Requested MSA. Alternatively, an Answer Message for extending the deadline had been received from the Requested MSA but the timer TIM_ACO that was reset following the reception of the Answer Message, expires without having received a History Results message. In this case the process “L4-ACO-01-02” is triggered for the submission of the respective reminder message.

After receiving an Answer Message for extending the deadline or after sending a Reminder message, the Requesting MSA expects to receive either a new Answer message or the Results.

5.2.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-01
Full Name	Administrative Cooperation–Request for assistance (Request)
Assumptions	N/A

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Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.16: Process Details

5.2.3. Tasks and Events

Event The Requesting ELO decided to request Information, Controls or Actions from the ELO of another MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The Requesting ELO decided to request Information, Controls or Actions from the ELO of another MSA
Event Type	Start event
Description	Upon any event that draws their attention on a particular movement (in particular risk assessment, but possibly any other information coming from external sources), the ELO of any Member State sends a request message to another ELO for controls, actions and information on any subject related to given operator(s) or movement(s).
Previous Objects	

Table 5.17: Event The Requesting ELO decided to request Information, Controls or Actions from the ELO of another MSA

Task Register Request for Information, Controls or Actions

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Request for Information, Controls or Actions
Task Type	User task
Description	The Requesting ELO registers a request for information, controls or actions to the Requesting MSA.
Actor	ELO
Input Data	ACO_REQUEST ATTRIBUTES for IE721 FOLLOW UP for IE721 CONTACT for IE721, IE867
Output Data	ATTRIBUTES for IE721 CONTACT for IE721, IE867 FOLLOW UP for IE721 ACO_REQUEST

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Previous Objects	The Requesting ELO decided to request Information, Controls or Actions from the ELO of another MSA
Information Exchange	
Requirements	ACO_FUR_0058
Data Set	
Events	
State	

Table 5.18: Task Register Request for Information, Controls or Actions

Task Record Request for Information, Controls or Actions

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Request for Information, Controls or Actions
Task Type	Service task
Description	The request for information, controls or actions is stored.
Actor	EMCS
Input Data	C_COO_SUB
Output Data	C_COO_SUB
Previous Objects	Register Request for Information, Controls or Actions
Information Exchange	
Requirements	ACO_FUR_0059
Data Set	
Events	
State	

Table 5.19: Task Record Request for Information, Controls or Actions

Task Build Administrative Cooperation Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Administrative Cooperation Common Request
Task Type	Service task
Description	The Requesting MSA builds an Administrative Cooperation Common Request based on the Request received by the Requesting ELO, setting

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	the Request Type either to "Administrative cooperation" or to "Request for history".
Actor	EMCS
Input Data	C_COO_SUB
Output Data	C_COO_SUB
Previous Objects	Record Request for Information, Controls or Actions
Information Exchange	
Requirements	ACO_FUR_0090
Data Set	
Events	
State	

Table 5.20: Task Build Administrative Cooperation Common Request

Task Record Administrative Cooperation Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Administrative Cooperation Common Request
Task Type	Service task
Description	The Administrative Cooperation Common Request is stored.
Actor	EMCS
Input Data	C_COO_SUB
Output Data	C_COO_SUB
Previous Objects	Build Administrative Cooperation Common Request
Information Exchange	
Requirements	ACO_FUR_0091
Data Set	
Events	
State	

Table 5.21: Task Record Administrative Cooperation Common Request

Task Set State of the Request to "Open"

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Set State of the Request to "Open"
Task Type	Service task
Description	The state of the request is set to “Open”.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Input Data	Follow Up Correlation ID
Output Data	Request State
Previous Objects	Record Administrative Cooperation Common Request
Information Exchange	
Requirements	ACO_FUR_0061
Data Set	Request State
Events	IE721 recorded
State	Open

Table 5.22: Task Set State of the Request to "Open"

Task Notify Requested MSA about Administrative Cooperation Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requested MSA about Administrative Cooperation Common Request
Task Type	Send task
Description	The Requesting MSA submits an Administrative Cooperation Request (IE721) to the Requested MSA.
Actor	EMCS
Input Data	C_COO_SUB
Output Data	
Previous Objects	Set State of the Request to "Open"
Information Exchange	administrative cooperation common request

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Requirements	ACO_FUR_0092
Data Set	
Events	
State	

Table 5.23: Task Notify Requested MSA about Administrative Cooperation Common Request

Task Initiate Timer TIM_ACO

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Initiate Timer TIM_ACO
Task Type	Service task
Description	<p>The Requesting MSA initiates the timer TIM_ACO to expire at the expected deadline for receiving the results, as specified in the request message.</p> <p>TIM_ACO is a timer associated with the results of an administrative cooperation request. Its Expiry Date is given by the sender, limited by a common system parameter.</p>
Actor	EMCS
Input Data	Follow Up Correlation ID Deadline for Results
Output Data	Timer TIM_ACO Expiry Date
Previous Objects	Notify Requested MSA about Administrative Cooperation Common Request
Information Exchange	
Requirements	ACO_FUR_0093
Data Set	
Events	
State	

Table 5.24: Task Initiate Timer TIM_ACO

Event Administrative Cooperation Common Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Common Request Received

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Event Type	Message start event
Description	An Administrative Cooperation Common Request has been received.
Previous Objects	Notify Requested MSA about Administrative Cooperation Common Request

Table 5.25: Event Administrative Cooperation Common Request Received

Task Perform Validation of Administrative Cooperation Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Administrative Cooperation Common Request
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Administrative Cooperation Common Request Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.26: Task Perform Validation of Administrative Cooperation Common Request

Event TIM_ACO Expired

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	TIM_ACO Expired
Event Type	Timer intermediate event
Description	The timer TIM_ACO expires without having received the results message (IE867) or an answer message (IE868) for extending the deadline from the Requested MSA. Alternatively, an answer message (IE868) had been received from the Requested MSA but the timer TIM_ACO, that was reset following the reception of the answer message, expires without having received the results message (IE867).
Appears also in the following processes	L4-ACO-01-02-Administrative cooperation-Deadline for results

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Previous Objects	Handle Expiration of Deadline for Results Acknowledge Request for Deadline Extension Initiate Timer TIM_ACO
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Table 5.27: Event TIM_ACO Expired

Task Handle Validation Results of Administrative Cooperation Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Administrative Cooperation Common Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of Administrative Cooperation Common Request
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.28: Task Handle Validation Results of Administrative Cooperation Common Request

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query)

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	L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Administrative Cooperation Common Request
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.29: Task Identify if the message is found valid

Task Handle Expiration of Deadline for Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Expiration of Deadline for Results
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-ACO-01-02-Administrative cooperation-Deadline for results
Actor	EMCS
Input Data	
Output Data	
Previous Objects	TIM_ACO Expired
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.30: Task Handle Expiration of Deadline for Results

Task Acknowledge Request for Information, Controls or Actions

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Request for Information, Controls or Actions
Task Type	User task
Description	The Requested ELO is informed about the request for information, controls or actions.
Actor	ELO
Input Data	C_COO_SUB
Output Data	C_COO_SUB
Previous Objects	Set State of the Request to "Open"
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.31: Task Acknowledge Request for Information, Controls or Actions

Event Results awaited

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Results awaited
Event Type	Conditional intermediate event
Description	Neither an answer message has been received nor the TIM_ACO has expired. Therefore the Requesting MSA is still waiting for a Results message.
Previous Objects	Handle Expiration of Deadline for Results Acknowledge Request for Deadline Extension Initiate Timer TIM_ACO

Table 5.32: Event Results awaited

Event Administrative Cooperation Common Request Recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Common Request Recorded
Event Type	Conditional intermediate event

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Description	The Administrative Cooperation Common Request has been stored.
Previous Objects	Message found valid?

Table 5.33: Event Administrative Cooperation Common Request Recorded

Task Administrative Cooperation - Request for assistance (Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Administrative Cooperation - Request for assistance (Results)
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Results awaited
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.34: Task Administrative Cooperation - Request for assistance (Results)

Task Identify if ELO agrees with the contents of the Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if ELO agrees with the contents of the Request
Task Type	User task
Description	The ELO of the requested MSA agrees analyses the contents of the request message and identifies if he is in a position for carrying out the requested controls or actions and/or giving the requested information.
Actor	ELO
Input Data	C_MVS_SUB
Output Data	Result Identify if ELO agrees with the contents of the Request
Previous Objects	Acknowledge Request for Information, Controls or Actions
Information Exchange	

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Requirements	ACO_FUR_0064
Data Set	
Events	
State	

Table 5.35: Task Identify if ELO agrees with the contents of the Request

Task Set State of the Request to "Open"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Set State of the Request to "Open"
Task Type	Service task
Description	The state of the request is set to “Open”.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Input Data	Follow Up Correlation ID
Output Data	Request State
Previous Objects	Administrative Cooperation Common Request Recorded
Information Exchange	
Requirements	ACO_FUR_0061
Data Set	Request State
Events	IE721 recorded
State	Open

Table 5.36: Task Set State of the Request to "Open"

Event Refusal Message sent to Requesting MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to Requesting MSA
Event Type	End event

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Description	This process ends without storing the message, while a refusal message has been sent to the Requesting MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-02-Administrative cooperation-Deadline for results
Previous Objects	Message found valid?

Table 5.37: Event Refusal Message sent to Requesting MSA

Task Identify if it is possible to reply to the request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if it is possible to reply to the request
Task Type	User task
Description	The ELO of the Requested MSA analyses the request and estimates whether it is possible or not to give the requested information in the time limit indicated in the request message.
Actor	ELO
Input Data	Follow Up Correlation ID Deadline for Results
Output Data	Result Identify if it is possible to reply to the request
Previous Objects	Agree with the contents of the Request?
Information Exchange	
Requirements	ACO_FUR_0097
Data Set	
Events	
State	

Table 5.38: Task Identify if it is possible to reply to the request

Event Results for Request for Information, Controls or Actions Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Results for Request for Information, Controls or Actions Received
Event Type	End event

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Description	The results of actions and controls completed by the Requested MSA have been received by the Requesting MSA and the Requesting ELO is informed accordingly. He is therefore free to undertake additional controls and actions and to continue exchanges.
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Previous Objects	Administrative Cooperation - Request for assistance (Results)

Table 5.39: Event Results for Request for Information, Controls or Actions Received

Task Handle Refusal Response

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Refusal Response
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process:L4-ACO-01-24-Handle Refusal Response
Actor	ELO
Input Data	
Output Data	
Previous Objects	Agree with the contents of the Request?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.40: Task Handle Refusal Response

Task Handle Deadline Extension

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Deadline Extension
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process:L4-ACO-01-08-Handle Deadline Extension
Actor	ELO
Input Data	

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Output Data	
Previous Objects	Is it possible to reply to request?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.41: Task Handle Deadline Extension

Event Results provided in due time

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Results provided in due time
Event Type	Conditional intermediate event
Description	The ELO of the Requested MSA has estimated that it is possible to give the requested information and in the time limit indicated in the request message.
Previous Objects	Is it possible to reply to request?

Table 5.42: Event Results provided in due time

Event Answer Message Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Answer Message Received
Event Type	Message intermediate event (catch)
Description	An Answer Message has been received.
Previous Objects	Notify Requesting MSA about Answer Message Handle Expiration of Deadline for Results Acknowledge Request for Deadline Extension Initiate Timer TIM_ACO

Table 5.43: Event Answer Message Received

Task Perform Validation of Answer Message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Answer Message

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PROCESS MODELS

Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Answer Message Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.44: Task Perform Validation of Answer Message

Event Submission of Results awaited

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Submission of Results awaited
Event Type	End event
Description	The Submission of the Results by the Requested ELO is still pending.
Previous Objects	Results provided in due time

Table 5.45: Event Submission of Results awaited

Task Notify Requesting MSA about Answer Message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requesting MSA about Answer Message
Task Type	Send task
Description	The Requested MSA sends the Answer Message (IE868) to the Requesting MSA.
Actor	EMCS
Input Data	C_COO_ANS
Output Data	
Previous Objects	Handle Refusal Response Handle Deadline Extension

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Information Exchange	answer message
Requirements	ACO_FUR_0181
Data Set	
Events	
State	

Table 5.46: Task Notify Requesting MSA about Answer Message

Task Handle Validation Results of Answer Message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Answer Message
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of Answer Message
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.47: Task Handle Validation Results of Answer Message

Event Answer Message Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Answer Message Sent
Event Type	End event
Description	An Answer Message has been sent to the Requesting MSA.
Previous Objects	Notify Requesting MSA about Answer Message

Table 5.48: Event Answer Message Sent

Task Identify if the message is found valid

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PROCESS MODELS

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Answer Message
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.49: Task Identify if the message is found valid

Event Answer Message Recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Answer Message Recorded
Event Type	Conditional intermediate event
Description	The Answer Message has been stored.
Previous Objects	Message found valid?

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Table 5.50: Event Answer Message Recorded

Task Identify if refusal information has been provided

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if refusal information has been provided
Task Type	Service task
Description	The ELO of the Requesting MSA analyses if reasons for refusing the contents of request message has been provided.
Actor	EMCS
Input Data	MV Correlation ID Refusal Reason Code
Output Data	Result Identify if refusal information provided
Previous Objects	Answer Message Recorded
Information Exchange	
Requirements	ACO_FUR_0173
Data Set	
Events	
State	

Table 5.51: Task Identify if refusal information has been provided

Event Refusal Message sent to the Requested MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to the Requested MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Requested MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Previous Objects	Message found valid?

Table 5.52: Event Refusal Message sent to the Requested MSA

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Task Perform Change of the Request State to "Extended"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Extended"
Task Type	Service task
Description	The state of the request is updated to “Extended”.
Actor	EMCS
Input Data	Result Identify if refusal information provided Follow Up Correlation ID
Output Data	Request State
Previous Objects	Is refusal information provided?
Information Exchange	
Requirements	ACO_FUR_0068
Data Set	Request State
Events	IE868 received
State	Extended

Table 5.53: Task Perform Change of the Request State to "Extended"

Task Perform Change of the Request State to "Closed"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Closed"
Task Type	Service task
Description	The state of the request is updated to "Closed"
Actor	EMCS
Input Data	MV Correlation ID Result Identify if refusal information provided
Output Data	Request State
Previous Objects	Is refusal information provided?
Information Exchange	

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Requirements	ACO_FUR_0132
Data Set	Request State
Events	IE723 received
State	Closed

Table 5.54: Task Perform Change of the Request State to "Closed"

Task Identify if Timer TIM_ACO has expired

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if Timer TIM_ACO has expired
Task Type	Service task
Description	The Requesting MSA checks whether the timer TIM_ACO has expired.
Actor	EMCS
Input Data	Timer TIM_ACO Expiry Date Follow Up Correlation ID
Output Data	Result Identify if Timer TIM_ACO has expired
Previous Objects	Perform Change of the Request State to "Extended"
Information Exchange	
Requirements	ACO_FUR_0094
Data Set	
Events	
State	

Table 5.55: Task Identify if Timer TIM_ACO has expired

Task Stop Timer TIM_ACO

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Stop Timer TIM_ACO
Task Type	Service task
Description	The requesting MSA stops the running timer (TIM_ACO).
Actor	EMCS

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Input Data	Follow Up Correlation ID
Output Data	TIM_ACO end date
Previous Objects	Perform Change of the Request State to "Closed"
Information Exchange	
Requirements	ACO_FUR_0046
Data Set	
Events	
State	

Table 5.56: Task Stop Timer TIM_ACO

Event Refusal message stored.

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message stored.
Event Type	End event
Description	The process ends with the refusal message stored.
Previous Objects	Stop Timer TIM_ACO

Table 5.57: Event Refusal message stored.

Task Reset Flag

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Reset Flag
Task Type	Service task
Description	If the timer TIM_HIS/TIM_ACO has already expired (a reminder message IE869 has been sent to the Requested MSA), the Requesting MSA resets the flag that has been raised locally at expiration time.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Follow Up Correlation ID Result Identify if Timer TIM_ACO has expired

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PROCESS MODELS

Output Data	TIM_ACO Reset Flag Date
Previous Objects	Has TIM_ACO expired?
Information Exchange	
Requirements	ACO_FUR_0095
Data Set	
Events	
State	

Table 5.58: Task Reset Flag

Task Acknowledge Request for Deadline Extension

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Request for Deadline Extension
Task Type	User task
Description	The Requesting ELO is informed of the request for the extension of the deadline set for providing the information requested via the request message.
Actor	ELO
Input Data	C_COO_SUB
Output Data	C_COO_SUB
Previous Objects	Update Timer TIM_ACO
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.59: Task Acknowledge Request for Deadline Extension

Task Update Timer TIM_ACO

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Update Timer TIM_ACO
Task Type	Service task

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Description	The Requesting MSA resets the timer TIM_ACO to expire at the new “Deadline for Results” as specified by the Answer Message (IE868).
Actor	EMCS
Input Data	Follow Up Correlation ID Date of sending
Output Data	Timer TIM_ACO Expiry Date
Previous Objects	Has TIM_ACO expired? Reset Flag
Information Exchange	
Requirements	ACO_FUR_0096
Data Set	
Events	
State	

Table 5.60: Task Update Timer TIM_ACO

5.3. Process L4-ACO-01-02-Administrative cooperation-Deadline for results

5.3.1. Objective of Process

The purpose of this process is to describe the electronic flow for the handling of the case that the Requesting MSA has not received the results to an Administrative Cooperation Request within the predefined time-limit. The process is triggered when the timer TIM_ACO expires without having received a Results message or an Answer Message for extending the deadline from the Requested MSA. Alternatively, an Answer Message for extending the deadline had been received from the Requested MSA but the timer TIM_ACO that was reset following the reception of the Answer Message expires without having received a Results message. Therefore the Requesting MSA builds a Reminder Message for Administrative Cooperation, stores it and after updating the state of the request to “Late” sends the Reminder Message for Administrative Cooperation to the Requested MSA.

The Requested MSA receives the Reminder Message for Administrative Cooperation, performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively).

Afterwards, the Requested MSA determines whether the Reminder Message for Administrative Cooperation has been found valid or not. In the latter case, a refusal message has already been sent to the Requesting MSA for the receipt of an invalid Reminder Message for Administrative Cooperation (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Reminder Message for Administrative Cooperation.

Otherwise, the Reminder Message for Administrative Cooperation has already been stored (in the context of process “L4-CORE-01-05”). The Requested MSA updates the state of the request to “Late” and its ELO is informed of the reminder for the request for information, controls or actions. The process ends at this point with the receipt of the reminder message by the Requested MSA. The Requested ELO is expected to send a Results message or extend the deadline by sending an Answer message.

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

5.3.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-02
Full Name	Administrative cooperation-Deadline for results
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.61: Process Details

5.3.3. Tasks and Events

Event TIM_ACO Expired

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	TIM_ACO Expired
Event Type	Start event
Description	The timer TIM_ACO expires without having received the results message (IE867) or an answer message (IE868) for extending the deadline from the Requested MSA. Alternatively, an answer message (IE868) had been received from the Requested MSA but the timer TIM_ACO, that was reset following the reception of the answer message, expires without having received the results message (IE867).
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Previous Objects	

Table 5.62: Event TIM_ACO Expired

Task Build Reminder Message for Administrative Cooperation

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Reminder Message for Administrative Cooperation
Task Type	Service task
Description	The Requesting MSA builds a Reminder Message for Administrative Cooperation.
Actor	EMCS

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PROCESS MODELS

Input Data	ATTRIBUTES for IE869 Timer TIM_ACO Expiry Date Follow Up Correlation ID
Output Data	C_COO_REM
Previous Objects	TIM_ACO Expired
Information Exchange	
Requirements	ACO_FUR_0098
Data Set	
Events	
State	

Table 5.63: Task Build Reminder Message for Administrative Cooperation

Task Record Reminder Message for Administrative Cooperation

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Reminder Message for Administrative Cooperation
Task Type	Service task
Description	The Reminder Message for Administrative Cooperation is stored.
Actor	EMCS
Input Data	C_COO_REM
Output Data	C_COO_REM
Previous Objects	Build Reminder Message for Administrative Cooperation
Information Exchange	
Requirements	ACO_FUR_0099
Data Set	
Events	
State	

Table 5.64: Task Record Reminder Message for Administrative Cooperation

Task Perform Change of the Request State to "Late"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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PROCESS MODELS

Task Name	Perform Change of the Request State to "Late"
Task Type	Service task
Description	The state of the request is updated to “Late”.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-02-Administrative cooperation-Deadline for results
Input Data	Follow Up Correlation ID
Output Data	Request State
Previous Objects	Record Reminder Message for Administrative Cooperation
Information Exchange	
Requirements	ACO_FUR_0075
Data Set	Request State
Events	IE869 recorded
State	Late

Table 5.65: Task Perform Change of the Request State to "Late"

Task Notify Requested MSA about Reminder Message for Administrative Cooperation

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requested MSA about Reminder Message for Administrative Cooperation
Task Type	Send task
Description	The Requesting MSA sends the Reminder Message for Administrative Cooperation (IE869) to the Requested MSA.
Actor	EMCS
Input Data	C_COO_REM
Output Data	
Previous Objects	Perform Change of the Request State to "Late"
Information Exchange	reminder message for administrative cooperation
Requirements	ACO_FUR_0150

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PROCESS MODELS

Data Set	
Events	
State	

Table 5.66: Task Notify Requested MSA about Reminder Message for Administrative Cooperation

Event Reminder Message for Administrative Cooperation Request Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Reminder Message for Administrative Cooperation Request Sent
Event Type	End event
Description	A Reminder Message for Administrative Cooperation has been sent to the Requested MSA
Previous Objects	Notify Requested MSA about Reminder Message for Administrative Cooperation

Table 5.67: Event Reminder Message for Administrative Cooperation Request Sent

Event Reminder Message for Administrative Cooperation Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Reminder Message for Administrative Cooperation Request Received
Event Type	Message start event
Description	A Reminder Message for Administrative Cooperation has been received by the Requested MSA.
Previous Objects	Notify Requested MSA about Reminder Message for Administrative Cooperation

Table 5.68: Event Reminder Message for Administrative Cooperation Request Received

Task Perform Validation of Reminder Message for Administrative Cooperation

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Reminder Message for Administrative Cooperation
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message
Actor	EMCS
Input Data	
Output Data	

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PROCESS MODELS

Previous Objects	Reminder Message for Administrative Cooperation Request Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.69: Task Perform Validation of Reminder Message for Administrative Cooperation

Task Handle Validation Results of Reminder Message for Administrative Cooperation Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Reminder Message for Administrative Cooperation Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of Reminder Message for Administrative Cooperation
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.70: Task Handle Validation Results of Reminder Message for Administrative Cooperation Request

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)

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	L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Reminder Message for Administrative Cooperation Request
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.71: Task Identify if the message is found valid

Event Reminder Message for Administrative Cooperation Request Recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Reminder Message for Administrative Cooperation Request Recorded
Event Type	Conditional intermediate event
Description	The Reminder Message for Administrative Cooperation has been stored.
Previous Objects	Message found valid?

Table 5.72: Event Reminder Message for Administrative Cooperation Request Recorded

Task Acknowledge Reminder for Request for Information, Controls or Actions

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Reminder for Request for Information, Controls or Actions
Task Type	User task

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Description	The Requested ELO is informed of the reminder for the request for information, controls or actions.
Actor	ELO
Input Data	C_COO_REM
Output Data	C_COO_REM
Previous Objects	Perform Change of the Request State to "Late"
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.73: Task Acknowledge Reminder for Request for Information, Controls or Actions

Event Refusal Message sent to Requesting MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to Requesting MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Requesting MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query)
Previous Objects	Message found valid?

Table 5.74: Event Refusal Message sent to Requesting MSA

Task Perform Change of the Request State to "Late"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Late"
Task Type	Service task
Description	The state of the request is updated to “Late”.
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-02-Administrative cooperation-Deadline for results
Input Data	Follow Up Correlation ID
Output Data	Request State
Previous Objects	Reminder Message for Administrative Cooperation Request Recorded
Information Exchange	
Requirements	ACO_FUR_0075
Data Set	Request State
Events	IE869 recorded
State	Late

Table 5.75: Task Perform Change of the Request State to "Late"

Event Reminder for Submission of Results Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Reminder for Submission of Results Received
Event Type	End event
Description	A reminder for the submission of the results has been received by the Requested MSA and the Requested ELO has been informed accordingly. They are expected to send the results or extend the deadline by sending an answer message.
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Previous Objects	Acknowledge Reminder for Request for Information, Controls or Actions

Table 5.76: Event Reminder for Submission of Results Received

5.4. Process L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)

5.4.1. Objective of Process

The purpose of this process is to describe the electronic flow for the submission of the results to an Administrative Cooperation Request.

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PROCESS MODELS

Upon receipt of the request message, the ELO of the requested MSA is committed to undertake the requested actions and controls and give back results by the requested deadline. and no later than three months following the date of receipt of the request (see Article 11(1) of Regulation (EU) No 389/2012). Where the requested MSA is already in possession of that information, the ELO of the requested MSA ought to provide the results within one month following the date of receipt of the request (see Article 11(1) of Regulation (EU) No 389/2012). In certain special categories of cases, different time limits may be agreed between the requested MSA and the requesting MSA (see Article 11(2) of Regulation (EU) No 389/2012).

Via this results message, the requested ELO may request the requesting ELO to provide feedback on the follow-up action taken by the requesting MSA, on the basis of the provided results (see Articles 8(5), 15(2) and 16(2) of Regulation (EU) 389/2012, Articles 8, 15 and 16). In case such feedback is requested, the requesting ELO shall send back their feedback as soon as possible via another results message.

The process is triggered when the ELO of the Requested MSA completes the requested actions specified in the request message sent by the Requesting MSA. Alternatively, a reminder message for the submission of the results has been received by the Requested ELO, as a result of the process “L4-ACO-01-02”.

More specifically, the Requested ELO prepares the results on the basis of the checks and investigations he has carried out and registers it to the Requested MSA. After receiving the results for the request for information, controls or actions, the Requested MSA stores them and builds an Administrative Cooperation Results message. The Requested MSA stores the Administrative Cooperation Results.

a) If the Requested MSA wishes to receive feedback on the results provided to the Requesting MSA, it updates the state of the request to "Answered and feedback expected".

b) If the Requested MSA do not wish to receive feedback on the results to be provided, it updates the state of the request to “Closed”.

The process continuous as the Requesting MSA sends the the Administrative Cooperation Results to the Requesting MSA.

The Requesting MSA receives the Administrative Cooperation Results, performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively).

Afterwards, the Requesting MSA determines whether the Administrative Cooperation Results has been found valid or not. In the latter case, a refusal message has already been sent to the Requested MSA for the receipt of an invalid Administrative Cooperation Results (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Administrative Cooperation Results.

Otherwise, the Administrative Cooperation Results has already been stored (in the context of process “L4-CORE-01-05”).

Via this results message, the requested ELO may request the requesting ELO to provide feedback on the follow-up action taken by the requesting MSA, on the basis of the provided results (see Articles 8(5), 15(2) and 16(2) of Regulation (EU) 389/2012, Articles 8, 15 and 16). In case such feedback is requested, the requesting ELO shall send back their feedback as soon as possible via another results message.

a) If the Results message indicates that feedback is expected on the results provided, then the Requesting MSA updates the state of the request to "Answered and feedback expected". The process continuous in through "L4-ACO-01-26".

b) If the results message do not indicate that feedback is expected, The Requesting MSA updates the state of the request to “Closed”. At this point, if the timer TIM_ACO has already expired (and therefore a reminder message has been sent to the Requested MSA through process “L4-ACO-01-02”) the Requesting MSA resets the flag that has been raised locally at expiration time; otherwise it stops the timer TIM_ACO. The ELO of the Requesting MSA is informed about the results received for his request for information, controls or actions and the process ends at this point.

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5.4.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-03
Full Name	Administrative Cooperation–Request for assistance (Results)
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.77: Process Details

5.4.3. Tasks and Events

Event The Requested ELO is ready to provide results

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The Requested ELO is ready to provide results
Event Type	Start event
Description	The ELO of the Requested MSA completed the requested actions specified by the initial received Administrative Cooperation Request (IE721) message from the Requesting MSA.
Previous Objects	

Table 5.78: Event The Requested ELO is ready to provide results

Task Register Results for Request for Information, Controls or Actions

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Results for Request for Information, Controls or Actions
Task Type	User task
Description	The Requested ELO prepares the results message on the basis of the checks and investigations they have carried out.
Actor	ELO
Input Data	C_COO_RES
Output Data	C_COO_RES

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Previous Objects	The Requested ELO is ready to provide results Reminder for Submission of Results Received
Information Exchange	
Requirements	ACO_FUR_0077
Data Set	
Events	
State	

Table 5.79: Task Register Results for Request for Information, Controls or Actions

Event Reminder for Submission of Results Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Reminder for Submission of Results Received
Event Type	Start event
Description	A reminder for the submission of the results has been received by the Requested MSA and the Requested ELO has been informed accordingly. They are expected to send the results or extend the deadline by sending an answer message.
Appears also in the following processes	L4-ACO-01-02-Administrative cooperation-Deadline for results
Previous Objects	

Table 5.80: Event Reminder for Submission of Results Received

Task Record Results for Request for Information, Controls or Actions

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Results for Request for Information, Controls or Actions
Task Type	Service task
Description	The results for the Request for information, controls or actions are stored.
Actor	EMCS
Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Register Results for Request for Information, Controls or Actions
Information Exchange	

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Requirements	ACO_FUR_0078
Data Set	
Events	
State	

Table 5.81: Task Record Results for Request for Information, Controls or Actions

Task Build Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Administrative Cooperation Results
Task Type	Service task
Description	An Administrative Cooperation Results message (IE867) is built, taking into consideration the information/results received by the ELO.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-04-Administrative Cooperation-Spontaneous Information
Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Record Results for Request for Information, Controls or Actions
Information Exchange	
Requirements	ACO_FUR_0172
Data Set	
Events	
State	

Table 5.82: Task Build Administrative Cooperation Results

Task Record Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Administrative Cooperation Results
Task Type	Service task
Description	The Administrative Cooperation Results message is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-04-Administrative Cooperation-Spontaneous Information

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Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Build Administrative Cooperation Results
Information Exchange	
Requirements	ACO_FUR_0151
Data Set	
Events	
State	

Table 5.83: Task Record Administrative Cooperation Results

Task Identify if feedback is requested

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if feedback is requested
Task Type	Service task
Description	The ELO of requested MSA may request the requesting ELO to provide feedback on the follow-up action taken by the requesting MSA, on the basis of the provided results
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Feedback Requested or Provided MV Correlation ID
Output Data	Check the Result Identify if feedback is requested
Previous Objects	Record Administrative Cooperation Results
Information Exchange	
Requirements	ACO_FUR_0081
Data Set	
Events	
State	

Table 5.84: Task Identify if feedback is requested

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PROCESS MODELS

Event Administrative Cooperation Results Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results Received
Event Type	Message start event
Description	An Administrative Cooperation Results message has been received by the Requesting MSA.
Previous Objects	Notify Requesting MSA about Administrative Cooperation Results

Table 5.85: Event Administrative Cooperation Results Received

Task Perform Change of the Request State to "Answered and feedback expected"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Answered and feedback expected"
Task Type	Service task
Description	The state of the request is updated to “Answered and feedback expected”.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Feedback Requested or Provided MV Correlation ID Check the Result Identify if feedback is requested
Output Data	Request State
Previous Objects	Is feedback requested?
Information Exchange	
Requirements	ACO_FUR_0082
Data Set	Request State
Events	The Result of the Feedback is "1 = Feedback requested"
State	Answered and Feedback Expected

Table 5.86: Task Perform Change of the Request State to "Answered and feedback expected"

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PROCESS MODELS

Task Perform Validation of Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Administrative Cooperation Results
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-04-Administrative Cooperation-Spontaneous Information
Input Data	
Output Data	
Previous Objects	Administrative Cooperation Results Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.87: Task Perform Validation of Administrative Cooperation Results

Task Perform Change of the Request State to "Closed"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Closed"
Task Type	Service task
Description	The state of the request is updated to “Closed”.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Follow Up Correlation ID Feedback Requested or Provided Check the Result Identify if feedback is requested
Output Data	Request State
Previous Objects	Is feedback requested?
Information Exchange	

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PROCESS MODELS

Requirements	ACO_FUR_0132
Data Set	Request State
Events	The Result of the Feedback is "0 = No Feedback requested"
State	Closed

Table 5.88: Task Perform Change of the Request State to "Closed"

Task Notify Requesting MSA about Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requesting MSA about Administrative Cooperation Results
Task Type	Send task
Description	The Requested MSA sends the Administrative Cooperation Results (IE867) to the Requesting MSA.
Actor	EMCS
Input Data	C_COO_RES
Output Data	
Previous Objects	Perform Change of the Request State to "Closed" Perform Change of the Request State to "Answered and feedback expected"
Information Exchange	administrative cooperation results
Requirements	ACO_FUR_0152
Data Set	
Events	
State	

Table 5.89: Task Notify Requesting MSA about Administrative Cooperation Results

Task Handle Validation Results of Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Administrative Cooperation Results
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.

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Actor	EMCS
Appears also in the following processes	L4-ACO-01-04-Administrative Cooperation-Spontaneous Information
Input Data	
Output Data	
Previous Objects	Perform Validation of Administrative Cooperation Results
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.90: Task Handle Validation Results of Administrative Cooperation Results

Event Administrative Cooperation Results message Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results message Sent
Event Type	End event
Description	The Administrative Cooperation Results has been sent to the Requesting MSA.
Previous Objects	Notify Requesting MSA about Administrative Cooperation Results

Table 5.91: Event Administrative Cooperation Results message Sent

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information

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	L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Administrative Cooperation Results
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.92: Task Identify if the message is found valid

Event Administrative Cooperation Results message recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results message recorded
Event Type	Conditional intermediate event
Description	The Administrative Cooperation Results has been stored.
Appears also in the following processes	L4-ACO-01-04-Administrative Cooperation-Spontaneous Information
Previous Objects	Message found valid?

Table 5.93: Event Administrative Cooperation Results message recorded

Event Refusal Message sent to the Requested MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to the Requested MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Requested MSA, for the receipt of an invalid message.

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Appears also in the following processes	L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Previous Objects	Message found valid?

Table 5.94: Event Refusal Message sent to the Requested MSA

Task Identify if feedback is requested

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if feedback is requested
Task Type	Service task
Description	The ELO of requested MSA may request the requesting ELO to provide feedback on the follow-up action taken by the requesting MSA, on the basis of the provided results
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Feedback Requested or Provided MV Correlation ID
Output Data	Check the Result Identify if feedback is requested
Previous Objects	Administrative Cooperation Results message recorded
Information Exchange	
Requirements	ACO_FUR_0081
Data Set	
Events	
State	

Table 5.95: Task Identify if feedback is requested

Task Perform Change of the Request State to "Answered and feedback expected"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Answered and feedback expected"
Task Type	Service task
Description	The state of the request is updated to “Answered and feedback expected”.

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Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Feedback Requested or Provided MV Correlation ID Check the Result Identify if feedback is requested
Output Data	Request State
Previous Objects	Is feedback requested?
Information Exchange	
Requirements	ACO_FUR_0082
Data Set	Request State
Events	The Result of the Feedback is "1 = Feedback requested"
State	Answered and Feedback Expected

Table 5.96: Task Perform Change of the Request State to "Answered and feedback expected"

Task Provide Feedback

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Provide Feedback
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-ACO-01-26-Administrative Cooperation–Provide Feedback.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Change of the Request State to "Answered and feedback expected"
Information Exchange	
Requirements	
Data Set	
Events	
State	

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Table 5.97: Task Provide Feedback

Task Perform Change of the Request State to "Closed"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Closed"
Task Type	Service task
Description	The state of the request is updated to "Closed".
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	Follow Up Correlation ID Feedback Requested or Provided Check the Result Identify if feedback is requested
Output Data	Request State
Previous Objects	Provide Feedback Is feedback requested?
Information Exchange	
Requirements	ACO_FUR_0132
Data Set	Request State
Events	The Result of the Feedback is "0 = No Feedback requested"
State	Closed

Table 5.98: Task Perform Change of the Request State to "Closed"

Task Identify if Timer TIM_ACO has expired

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if Timer TIM_ACO has expired
Task Type	Service task
Description	The Requesting MSA checks whether the timer TIM_ACO has expired.
Actor	EMCS
Input Data	Timer TIM_ACO Expiry Date Follow Up Correlation ID

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Output Data	Result Identify if Timer TIM_ACO has expired
Previous Objects	Perform Change of the Request State to "Closed"
Information Exchange	
Requirements	ACO_FUR_0094
Data Set	
Events	
State	

Table 5.99: Task Identify if Timer TIM_ACO has expired

Task Reset Flag

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Reset Flag
Task Type	Service task
Description	If the timer TIM_HIS/TIM_ACO has already expired (a reminder message IE869 has been sent to the Requested MSA), the Requesting MSA resets the flag that has been raised locally at expiration time.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Input Data	Follow Up Correlation ID Result Identify if Timer TIM_ACO has expired
Output Data	TIM_ACO Reset Flag Date
Previous Objects	Has TIM_ACO expired?
Information Exchange	
Requirements	ACO_FUR_0095
Data Set	
Events	
State	

Table 5.100: Task Reset Flag

Task Stop timer TIM_ACO

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Stop timer TIM_ACO
Task Type	Service task
Description	The Requesting MSA stops the TIM_ACO timer.
Actor	EMCS
Input Data	Follow Up Correlation ID Result Identify if Timer TIM_ACO has expired
Output Data	TIM_ACO end date
Previous Objects	Has TIM_ACO expired?
Information Exchange	
Requirements	ACO_FUR_0046
Data Set	
Events	
State	

Table 5.101: Task Stop timer TIM_ACO

Task Acknowledge Results for Request for Information, Controls or Actions

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Results for Request for Information, Controls or Actions
Task Type	User task
Description	The Requesting ELO is informed about the results received for the request for information, controls or actions.
Actor	ELO
Input Data	C_COO_SUB
Output Data	C_COO_SUB
Previous Objects	Stop timer TIM_ACO Reset Flag
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	

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Events	
State	

Table 5.102: Task Acknowledge Results for Request for Information, Controls or Actions

Event Results for Request for Information, Controls or Actions Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Results for Request for Information, Controls or Actions Received
Event Type	End event
Description	The results of actions and controls completed by the Requested MSA have been received by the Requesting MSA and the Requesting ELO is informed accordingly. He is therefore free to undertake additional controls and actions and to continue exchanges.
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Previous Objects	Acknowledge Results for Request for Information, Controls or Actions

Table 5.103: Event Results for Request for Information, Controls or Actions Received

5.5. Process L4-ACO-01-04-Administrative Cooperation-Spontaneous Information

5.5.1. Objective of Process

The purpose of this process is to describe the electronic flow for providing one-way information between two MSAs.

Submission of an administrative cooperation results message is mandatory and shall be sent to the addressed Member States within seven days of the control (as defined in Article 10 of Implementing Regulation (EU) 2016/323), where one of the cases referred to in points (a) to (d) of Article 15(1) of Regulation (EU) No 389/2012 is detected, as a result of a documentary or physical control of goods, at the premises of a registered consignee, of a temporary registered consignee or of an authorised warehouse keeper.

Upon any event among which the outcome of risk assessment, the ELO of an Issuing MSA may discover information and find it relevant to perform a series of controls and/or actions on a particular subject (in particular, but not exclusively, an e-AD) in order to send his findings to the ELO of one or several Addressed MSAs.

Therefore the ELO of the Issuing MSA registers his findings to the Issuing MSA, attaching if relevant, supporting document(s). After receiving the aforementioned findings, the Issuing MSA stores them and builds an Administrative Cooperation Results message (taking into consideration the information/results registered by its ELO) which is stored locally and finally sent to the Addressed MSA.

The Addressed MSA receives the Administrative Cooperation Results, performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively).

Afterwards, the Addressed MSA determines whether the Administrative Cooperation Results message has been found valid or not.

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In the latter case, a refusal message has already been sent to the Issuing MSA for the receipt of an invalid Administrative Cooperation Results message (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Administrative Cooperation Results.

In the former case, the Administrative Cooperation Results has already been stored by the Addressed MSA (in the context of process “L4-CORE-01-05”) and the ELO of the Addressed MSA is informed about the information found and/or the results of the controls performed.

This process ends at this point and the ELO of the Addressed MSA is informed on anomalies, discrepancies or offences that might impact his Member State. Therefore he is free:

- to order further controls; and/or
- to communicate the information to the relevant persons; or
- to keep the information for later use; or
- to simply ignore the information if he judges it irrelevant for him.

No further actions are expected by the Addressed MSA in terms of information exchange messages.

5.5.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-04
Full Name	Administrative Cooperation-Spontaneous Information
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-03-Optional Exchange of Information
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.104: Process Details

5.5.3. Tasks and Events

Event The ELO discovered information and/or completed a series of controls on a particular subject

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The ELO discovered information and/or completed a series of controls on a particular subject
Event Type	Start event
Description	Upon any event among which the outcome of risk assessment, the ELO of an Issuing MSA discovered information and found it relevant to perform a series of controls and/or actions on a particular subject (in particular, but not exclusively, an e-AD) and send the results to the ELO of one or several addressed MSAs.
Previous Objects	

Table 5.105: Event The ELO discovered information and/or completed a series of controls on a particular subject

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Task Register Information found and/or Results of the Controls performed

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Information found and/or Results of the Controls performed
Task Type	User task
Description	The ELO of the Issuing MSA decides to send the found information and/or the results of the actions/controls performed to the ELO of one or several Addressed MSAs. For this reason he registers his findings to the Issuing MSA. If relevant, he may attach supporting document(s).
Actor	ELO
Input Data	FEEDBACK REQUEST FOLLOW UP for IE867, IE868 ACO_ACTION RESULT CONTACT for IE721, IE867 SUPPORTING DOCUMENTS for IE867, IE880 and IE881
Output Data	FEEDBACK REQUEST SUPPORTING DOCUMENTS for IE867, IE880 and IE881 CONTACT for IE721, IE867 ACO_ACTION RESULT FOLLOW UP for IE867, IE868
Previous Objects	The ELO discovered information and/or completed a series of controls on a particular subject
Information Exchange	
Requirements	ACO_FUR_0153
Data Set	
Events	
State	

Table 5.106: Task Register Information found and/or Results of the Controls performed

Task Record Information found and/or Results of the Controls performed

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Information found and/or Results of the Controls performed
Task Type	Service task
Description	The information found and/or the results of the controls performed are stored by the Issuing MSA.
Actor	EMCS

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Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Register Information found and/or Results of the Controls performed
Information Exchange	
Requirements	ACO_FUR_0154
Data Set	
Events	
State	

Table 5.107: Task Record Information found and/or Results of the Controls performed

Task Build Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Administrative Cooperation Results
Task Type	Service task
Description	An Administrative Cooperation Results message (IE867) is built, taking into consideration the information/results received by the ELO.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Record Information found and/or Results of the Controls performed
Information Exchange	
Requirements	ACO_FUR_0172
Data Set	
Events	
State	

Table 5.108: Task Build Administrative Cooperation Results

Task Record Administrative Cooperation Results

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Administrative Cooperation Results
Task Type	Service task
Description	The Administrative Cooperation Results message is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Build Administrative Cooperation Results
Information Exchange	
Requirements	ACO_FUR_0151
Data Set	
Events	
State	

Table 5.109: Task Record Administrative Cooperation Results

Task Notify Addressed MSA about Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Addressed MSA about Administrative Cooperation Results
Task Type	Send task
Description	The Issuing MSA sends the Administrative Cooperation Results to the Addressed MSA.
Actor	EMCS
Input Data	C_COO_RES
Output Data	
Previous Objects	Record Administrative Cooperation Results
Information Exchange	administrative cooperation results
Requirements	ACO_FUR_0155

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Data Set	
Events	
State	

Table 5.110: Task Notify Addressed MSA about Administrative Cooperation Results

Event Administrative Cooperation Results message sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results message sent
Event Type	End event
Description	This process ends at the Issuing MSA with the submission of an Administrative Cooperation Results message to the Addressed MSA. No further actions are expected by the Addressed MSA in terms of information exchange messages (excluding rejection messages in case of functional errors).
Previous Objects	Notify Addressed MSA about Administrative Cooperation Results

Table 5.111: Event Administrative Cooperation Results message sent

Event Administrative Cooperation Results Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results Received
Event Type	Message start event
Description	An Administrative Cooperation Results message has been received by the Addressed MSA.
Previous Objects	Notify Addressed MSA about Administrative Cooperation Results

Table 5.112: Event Administrative Cooperation Results Received

Task Perform Validation of Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Administrative Cooperation Results
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	
Output Data	
Previous Objects	Administrative Cooperation Results Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.113: Task Perform Validation of Administrative Cooperation Results

Task Handle Validation Results of Administrative Cooperation Results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Administrative Cooperation Results
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Input Data	
Output Data	
Previous Objects	Perform Validation of Administrative Cooperation Results
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.114: Task Handle Validation Results of Administrative Cooperation Results

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Administrative Cooperation Results
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.115: Task Identify if the message is found valid

Task Acknowledge Information found and/or Results of the Controls performed

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Information found and/or Results of the Controls performed
Task Type	User task
Description	The ELO of the Addressed MSA is informed about the information found and/or the results of the controls performed by the ELO of the Issuing MSA.
Actor	ELO

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Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Administrative Cooperation Results message recorded
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.116: Task Acknowledge Information found and/or Results of the Controls performed

Event Administrative Cooperation Results message recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results message recorded
Event Type	Conditional intermediate event
Description	The Administrative Cooperation Results has been stored.
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results)
Previous Objects	Message found valid?

Table 5.117: Event Administrative Cooperation Results message recorded

Event Information found and/or Results of the Controls performed Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Information found and/or Results of the Controls performed Received
Event Type	End event
Description	This process ends with the receipt of the information found and the results of actions/controls completed by the Addressed MSA. The ELO of the Addressed MSA is therefore informed on anomalies, discrepancies or offences that might impact his Member State.
Previous Objects	Acknowledge Information found and/or Results of the Controls performed

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Table 5.118: Event Information found and/or Results of the Controls performed Received

Event Refusal Message sent to Issuing MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to Issuing MSA
Event Type	End event
Description	This process ends without storing the Administrative Cooperation Results, while a refusal message has been sent by the Addressed MSA to the Issuing MSA, for the receipt of an invalid Administrative Cooperation Result.
Previous Objects	Message found valid?

Table 5.119: Event Refusal Message sent to Issuing MSA

5.6. Process L4-ACO-01-08-Handle Deadline Extension

5.6.1. Objective of Process

The purpose of this process is to describe the electronic flow for the extension of the deadline set for the submission of the required results to a request.

The process is triggered when the ELO of the Requested MSA decides to register a request for extending the time limit for giving the requested information to the Requested MSA, either after receiving an Administrative Cooperation Common Request or after receiving a Reminder for the submission of the Results.

The Requested MSA receives the aforementioned deadline extension request, stores it and prepares an Answer Message. In the case of a request for history information no History Refusal Reason Code shall be included in the Answer Message. After storing the Answer Message it updates the state of the request to “Extended”.

5.6.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-08
Full Name	Handle Deadline Extension
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.120: Process Details

5.6.3. Tasks and Events

Event Requested ELO is not able to respect the deadline set for the results

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EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Requested ELO is not able to respect the deadline set for the results
Event Type	Start event
Description	An Administrative Cooperation Common Request has been Received and the Requested ELO is not able to respect the deadline set for the submission of the results.
Previous Objects	

Table 5.121: Event Requested ELO is not able to respect the deadline set for the results

Task Register Request for Deadline Extension

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Request for Deadline Extension
Task Type	User task
Description	The ELO of the Requested MSA decides to extend the deadline for providing the information requested via the request message.
Actor	ELO
Input Data	ATTRIBUTES for IE868 Delayed Result Reason Code Follow Up Correlation ID Result Identify if it is possible to reply to the request Deadline for Results
Output Data	ATTRIBUTES for IE868 Deadline for Results Follow Up Correlation ID Delayed Result Reason Code
Previous Objects	Requested ELO is not able to respect the deadline set for the results
Information Exchange	
Requirements	ACO_FUR_0084
Data Set	
Events	
State	

Table 5.122: Task Register Request for Deadline Extension

Task Record Request for Deadline Extension

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Record Request for Deadline Extension
Task Type	Service task
Description	The request for deadline extension is stored by the Requested MSA.
Actor	EMCS
Input Data	Delayed Result Reason Code Deadline for Results ATTRIBUTES for IE868 Follow Up Correlation ID
Output Data	Follow Up Correlation ID Delayed Result Reason Code ATTRIBUTES for IE868 Deadline for Results
Previous Objects	Register Request for Deadline Extension
Information Exchange	
Requirements	ACO_FUR_0085
Data Set	
Events	
State	

Table 5.123: Task Record Request for Deadline Extension

Task Build Answer Message indicating Request for Deadline Extension

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Answer Message indicating Request for Deadline Extension
Task Type	Service task
Description	The Requested MSA builds an Answer Message (IE868). In the case of a Request for history information no History Refusal Reason Code shall be included in the Answer Message.
Actor	EMCS
Input Data	Deadline for Results ATTRIBUTES for IE868 Delayed Result Reason Code Follow Up Correlation ID
Output Data	C_COO_ANS
Previous Objects	Record Request for Deadline Extension

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Information Exchange	
Requirements	ACO_FUR_0140
Data Set	
Events	
State	

Table 5.124: Task Build Answer Message indicating Request for Deadline Extension

Task Record Answer Message indicating Request for Deadline Extension

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Answer Message indicating Request for Deadline Extension
Task Type	Service task
Description	The Answer Message indicating Request for Deadline Extension is stored by the Requested MSA.
Actor	EMCS
Input Data	C_COO_ANS
Output Data	C_COO_ANS
Previous Objects	Build Answer Message indicating Request for Deadline Extension
Information Exchange	
Requirements	ACO_FUR_0141
Data Set	
Events	
State	

Table 5.125: Task Record Answer Message indicating Request for Deadline Extension

Task Perform Change of the Request State to "Extended"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Extended"
Task Type	Service task
Description	The state of the request is updated to "Extended".
Actor	EMCS
Input Data	Follow Up Correlation ID

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Output Data	Request State
Previous Objects	Record Answer Message indicating Request for Deadline Extension
Information Exchange	
Requirements	ACO_FUR_0068
Data Set	
Events	IE868 indicating Request for Deadline Extension recorded
State	Extended

Table 5.126: Task Perform Change of the Request State to "Extended"

Event Answer Message Indicating Request for Deadline Extension created

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Answer Message Indicating Request for Deadline Extension created
Event Type	End event
Description	An Answer Message indicating a request for deadline extension has been created by the Requested MSA.
Previous Objects	Perform Change of the Request State to "Extended"

Table 5.127: Event Answer Message Indicating Request for Deadline Extension created

5.7. Process L4-ACO-01-09-Interruption of a Movement

5.7.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow for interrupting a movement of excise goods under duty suspension arrangement (inside the territory of the European Union), in accordance with the current Common Specifications (FESS and DDNEA).

Submission of the interruption message (including the reference of the event or control report) is mandatory where one of the cases, referred to in points (a) to (e) of Article 15(1) of Regulation (EU) No 389/2012, is detected and shall be sent to the previously nominated MSA of destination and to the MSA of dispatch., within one day of the moment when the MSA of interruption becomes aware of the definitive interruption (as defined in Article 12 of Implementing Regulation (EU) 2016/323).

The process is triggered when an Excise officer in the MSA of Interruption decides to interrupt a movement. (This is in particular the case where an event report signals that the totality of goods was lost, stolen or destroyed, or where a control ascertains a severe offence.)

For this purpose, the Excise Officer registers the interruption for a certain movement to its MSA (MSA of Interruption). After receiving the aforementioned interruption, the EMCS at MSA of Interruption stores it and

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then checks if the MSA of Interruption (i.e. the current MSA) is involved in the specific movement (i.e. as MSA of Dispatch or as MSA of Destination/ MSA of Export).

In case the MSA of Interruption is involved in the movement (i.e. the MSA of Interruption is either the MSA of Dispatch or the MSA of Destination/ MSA of Export of this movement), the process continues.

In case the MSA of Interruption is not involved in the specific movement (i.e. it is neither the MSA of Dispatch nor the MSA of Destination/ MSA of Export of this movement), it proceed with performing a Download of an e-AD and/or a General query to retrieve an e-AD, in order to consult the latest information for the specific movement.

If the MSA of Interruption performs a Download of an e-AD (i.e. by using the “L4-ACO-01-28-Perform Download of an e-AD (Query-Results)” sub-process), depending on the outcome (end event) of the ““L4-ACO-01-28-Perform Download of an e-AD (Query-Results)” sub-process (for a detailed description of the respective process please refer to L4-ACO-01-28-Perform Download of an e-AD (Query-Results))”, the following may happen:

a. In case:

- a refusal message (IE917/IE906) is received from the MSA of Dispatch (since the Movement Download Request (IE784) was found invalid at the MSA of Dispatch); or
- a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the received Movement Download Answer (IE785) or the History of a Movement (IE838) was found invalid at the MSA of Interruption); or
- a Movement Download Answer (IE785) (indicating that the e-AD was not available (online) at the MSA of Dispatch) is stored at the MSA of Interruption (since it was found valid at the MSA of Interruption); the latest information for the e-AD is not available at the MSA of Interruption and the whole process ends at this point.

b. In case the History of a Movement (IE838) is stored at the MSA of Interruption (since it was found valid at the MSA of Interruption), the latest information of the e-AD is available at the MSA of Interruption and the process continues.

If the MSA of Interruption performs a General query to retrieve an e-AD (i.e. by using the “L4-ACO-01-29-Perform General Query to retrieve an e-AD (Query-Results)” sub-process), depending on the outcome (end event) of the “L4-ACO-01-29-Perform General Query to retrieve an e-AD (Query-Results)” sub-process (for a detailed description of the respective process please refer to “L4-ACO-01-29-Perform General Query to retrieve an e-AD (Query-Results))”, the following may happen:

a. In case:

- a refusal message (IE917/IE906) is received from the Initiator MSA of Dispatch (since the Common Request (IE701) was found invalid at the Initiator MSA); or
- a refusal message (IE917/IE906) is sent to the Initiator MSA (since the received List of e-AD (IE821) or the Refusal of Common Request (IE702) was found invalid at the MSA of Interruption); or
- a Refusal of Common Request IE702 (indicating that the query returned no results at the Initiator MSA) is stored at the MSA of Interruption (since it was found valid at the MSA of Interruption); the latest information for the e-AD is not available at the MSA of Interruption and the whole process ends at this point.

b. In case the List of e-AD (IE821) is stored at the MSA of Interruption (since it was found valid at the MSA of Interruption), the latest information of the e-AD is available at the MSA of Interruption and the process continues.

Following, the EMCS at MSA of Interruption (regardless if it is involved or not in the movement) continues with building the Interruption of Movement (IE807) and then with storing this message. After this, the EMCS

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at MSA of Interruption changes the e-AD state to “Stopped” and the Excise Officer of the MSA of Interruption is informed about this interruption.

Subsequently, the MSA of Interruption identifies if it is the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA (i.e. an MSA not involved in the current movement).

1) MSA of Interruption is the MSA of Dispatch

In case the MSA of Interruption is the MSA of Dispatch, it identifies if the destination of the movement is known.

If the destination of the movement is known, the EMSC at MSA of Interruption notifies the Interruption of Movement to both the Consignor and to the MSA of Destination/ MSA of Export and the process continues.

After receiving the Interruption of Movement (IE807), the EMCS at MSA of Destination/ MSA of Export proceeds with validating the data of the Interruption of Movement, by using the “Perform validation of Interruption of Movement” sub process (for a detailed description of the respective process please refer to “L4-CORE-01-03-Perform validation of Common Domain message”). Following, the EMCS at MSA of Destination/ MSA of Export carries on with the handling of the validation results by using the “Handle validation results of Interruption of Movement” call activity (for a detailed description the respective process please refer to “L4-CORE-01-05-Handle validation Results of Common Domain message”). The outcome (end event) of the “Handle validation results of Interruption of Movement” call activity may be the following:

- a. A refusal message (IE917/IE906) is sent to the MSA of Interruption (since the Interruption of Movement was found invalid); or
- b. The Interruption of Movement is stored in the EMCS at MSA of Destination/ MSA of Export (since the Interruption of Movement was found valid). In this case, the EMCS of MSA of Destination/ MSA of Export changes the e-AD state to “Stopped” and then notifies the Consignee of the Interruption of Movement.

If the destination of the movement is unknown, the EMCS at MSA of Interruption notifies the Interruption of Movement only to the Consignor and the process continues.

Following the dissemination of the Interruption of Movement to the Consignor and to the MSA of Destination/ MSA of Export (in case the destination is known), the MSA of Dispatch handles the timers associated with the specific movement by using the “Handle Timers associated with Interrupted Movement” sub process (for a detailed description of the respective process please refer to “L4-ACO-AS-IS-01-10-Handle Timers associated with an Interrupted Movement”) and the whole process ends at this point.

2) MSA of Interruption is the MSA of Destination/ MSA of Export

In case the MSA of Interruption is the MSA of Destination/ MSA of Export, the EMCS at MSA of Destination/ MSA of Export notifies the Interruption of Movement to the Consignee and to the MSA of Dispatch.

After receiving the Interruption of Movement (IE807), the EMCS at MSA of Dispatch proceeds with validating the data of the Interruption of Movement, by using the “Perform validation of Interruption of Movement” sub process (for a detailed description of the respective process please refer to “L4-CORE-01-03-Perform validation of Common Domain message”). Following, the EMCS at MSA of Dispatch carries on with the handling of the validation results by using the “Handle validation results of Interruption of Movement” call activity (for a detailed description the respective process please refer to “L4-CORE-01-05-Handle validation Results of Common Domain message”). The outcome (end event) of the “Handle validation results of Interruption of Movement” call activity may be the following:

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a. A refusal message (IE917/IE906) is sent to the MSA of Interruption (since the Interruption of Movement was found invalid) and the whole process ends here; or

b. The Interruption of Movement is stored in the EMCS of MSA of Dispatch (since the Interruption of Movement was found valid). In this case, the EMCS of MSA of Dispatch changes the e-AD state to “Stopped” and then notifies the Consignor of the Interruption of Movement. In addition, the EMCS at MSA of Dispatch handles the timers associated with the specific movement by using the “Handle Timers associated with Interrupted Movement” sub process (for a detailed description of the respective process please refer to “L4-ACO-01-10-Handle Timers associated with an Interrupted Movement”) and the whole process ends at this point.

3) MSA of Interruption is a third MSA

In case the MSA of Interruption is a third MSA (i.e. it is neither the MSA of Dispatch nor the MSA of Destination of the movement), it identifies if the destination of the movement is known.

If the destination of the movement is known, the EMSC at MSA of Interruption notifies the Interruption of Movement to both the MSA of Dispatch and to the MSA of Destination/ MSA of Export. If the destination of the movement is unknown, the EMSC at MSA of Interruption notifies the Interruption of Movement only to the MSA of Dispatch.

After receiving the Interruption of Movement (IE807), the EMCS at MSA of Dispatch proceeds with validating the data of the Interruption of Movement, by using the “Perform validation of Interruption of Movement” sub process (for a detailed description of the respective process please refer to “L4-CORE-01-03-Perform validation of Common Domain message”). Following, the EMCS at MSA of Dispatch carries on with the handling of the validation results by using the “Handle validation results of Interruption of Movement” call activity (for a detailed description the respective process please refer to “L4-CORE-01-05-Handle validation Results of Common Domain message”). The outcome (end event) of the “Handle validation results of Interruption of Movement” call activity may be the following:

a. A refusal message (IE917/IE906) is sent to the MSA of Interruption (since the Interruption of Movement was found invalid). If the destination of the movement is unknown, the whole process ends here. Otherwise (i.e. when the destination is known) the process continues; or

b. The Interruption of Movement is stored in the EMCS of MSA of Dispatch (since the Interruption of Movement was found valid). In this case, the EMCS of MSA of Dispatch changes the e-AD state to “Stopped” and then notifies the Consignor of the Interruption of Movement. In addition, the EMCS at MSA of Dispatch handles the timers associated with the specific movement by using the “Handle Timers associated with Interrupted Movement” sub process (for a detailed description of the respective process please refer to “L4-ACO-01-10-Handle Timers associated with an Interrupted Movement”). If the destination of the movement is unknown, the whole process ends here. Otherwise (i.e. when the destination is known) the process continues.

After receiving the Interruption of Movement (IE807), the EMCS at MSA of Destination/ MSA of Export proceeds with validating the data of the Interruption of Movement, by using the “Perform validation of Interruption of Movement” sub process (for a detailed description of the respective process please refer to “L4-CORE-01-03-Perform validation of Common Domain message”). Following, the EMCS at MSA of Destination/ MSA of Export carries on with the handling of the validation results by using the “Handle validation results of Interruption of Movement” call activity (for a detailed description the respective process please refer to “L4-CORE-01-05-Handle validation Results of Common Domain message”). The outcome (end event) of the “Handle validation results of Interruption of Movement” call activity may be the following:

a. A refusal message (IE917/IE906) is sent to the MSA of Interruption (since the Interruption of Movement was found invalid) and the whole process ends here; or

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b. The Interruption of Movement is stored in the EMCS at MSA of Destination/ MSA of Export (since the Interruption of Movement was found valid). In this case, the EMCS of MSA of Destination/ MSA of Export changes the e-AD state to “Stopped”. Then the EMCS at MSA of Destination/ MSA of Export notifies the Consignee of the Interruption of Movement and the whole process ends at this point.

5.7.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-09
Full Name	Interruption of a Movement
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-02-Mandatory Exchange of Information
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.128: Process Details

5.7.3. Tasks and Events

Event The Excise Officer decides to interrupt a movement of excise goods under duty suspension arrangement

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The Excise Officer decides to interrupt a movement of excise goods under duty suspension arrangement
Event Type	Start event
Description	An Excise officer in the MSA of Interruption decides to interrupt a movement of excise goods under duty suspension arrangement. (This is in particular the case where an event report signals that the totality of goods was lost, stolen or destroyed, or where a control ascertains a severe offence.)
Previous Objects	

Table 5.129: Event The Excise Officer decides to interrupt a movement of excise goods under duty suspension arrangement

Task Register Interruption

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Interruption
Task Type	User task

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Description	The Excise Officer registers the interruption for a certain movement to its MSA (MSA of Interruption).
Actor	Excise officer
Input Data	ATTRIBUTES for IE807 CONTROL REPORT Reference for IE807 EVENT REPORT Reference for IE807
Output Data	ATTRIBUTES for IE807 EVENT REPORT Reference for IE807 CONTROL REPORT Reference for IE807
Previous Objects	The Excise Officer decides to interrupt a movement of excise goods under duty suspension arrangement
Information Exchange	
Requirements	ACO_FUR_0042
Data Set	
Events	
State	

Table 5.130: Task Register Interruption

Task Record Interruption

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Interruption
Task Type	Service task
Description	The interruption is stored.
Actor	EMCS
Input Data	EVENT REPORT Reference for IE807 ATTRIBUTES for IE807 CONTROL REPORT Reference for IE807
Output Data	ATTRIBUTES for IE807 CONTROL REPORT Reference for IE807 EVENT REPORT Reference for IE807
Previous Objects	Register Interruption
Information Exchange	
Requirements	ACO_FUR_0043

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Data Set	
Events	
State	

Table 5.131: Task Record Interruption

Task Identify if MSA of Interruption is involved in the movement (as MSA of Dispatch or MSA of Destination/ MSA of Export)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if MSA of Interruption is involved in the movement (as MSA of Dispatch or MSA of Destination/ MSA of Export)
Task Type	Service task
Description	The MSA of Interruption checks whether it is involved in the specific movement (i.e. as MSA of Dispatch or as MSA of Destination/ MSA of Export).
Actor	EMCS
Input Data	ARC
Output Data	Result Identify if MSA of Interruption is involved in the movement (as MSA of Dispatch or MSA of Destination/ MSA of Export)
Previous Objects	Record Interruption
Information Exchange	
Requirements	ACO_FUR_0044
Data Set	
Events	
State	

Table 5.132: Task Identify if MSA of Interruption is involved in the movement (as MSA of Dispatch or MSA of Destination/ MSA of Export)

Task Perform Download of an e-AD/e-SAD (Query-Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Download of an e-AD/e-SAD (Query-Results)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-28-Perform Download of an e-AD/e-SAD (Query-Results)
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling) L4-ACO-01-17-Control and Submission of Control Report
Input Data	
Output Data	
Previous Objects	Perform Download of an e-AD and/or General Query to retrieve an e-AD?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.133: Task Perform Download of an e-AD/e-SAD (Query-Results)

Task Perform General query to retrieve an e-AD (Query-Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform General query to retrieve an e-AD (Query-Results)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-29-Perform General Query to retrieve an e-AD (Query-Results)
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Download of an e-AD and/or General Query to retrieve an e-AD?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.134: Task Perform General query to retrieve an e-AD (Query-Results)

Event Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Event Name	Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available
Event Type	End event
Description	<ul style="list-style-type: none"> • A refusal message (IE917/IE906) was received from the MSA of Dispatch (since the Status Request (IE904) had been found invalid at the MSA of Dispatch); or • A refusal message (IE917/IE906) was sent to the MSA of Dispatch (since the received Status Response (IE905) or the Data Packaging (IE934) had been found invalid at the current MSA); or • A Status Response IE905 (indicating that the e-AD/e-SAD was not available (online) at the MSA of Dispatch) was stored (since it had been found valid at the current MSA). <p>Considering the above, the latest information for the e-AD/e-SAD is not available at the current MSA.</p>
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling) L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query-Results)?

Table 5.135: Event Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available

Event History of a Movement recorded hence latest information for the e-AD/e-SAD available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	History of a Movement recorded hence latest information for the e-AD/e-SAD available
Event Type	Conditional intermediate event
Description	The Data Packaging (IE934) was stored (since it had been found valid), hence the latest information of the e-AD/e-SAD is available at the current MSA.
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling) L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query-Results)?

Table 5.136: Event History of a Movement recorded hence latest information for the e-AD/e-SAD available

Event Refusal message received/sent or Refusal of Common Request recorded (indicating that query returned no results) hence latest information for the e-AD not available

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EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message received/sent or Refusal of Common Request recorded (indicating that query returned no results) hence latest information for the e-AD not available
Event Type	End event
Description	<ul style="list-style-type: none"> • A refusal message (IE917/IE906) was received from the Initiator MSA of Dispatch (since the Common Request (IE701) had been found invalid at the Initiator MSA); or • A refusal message (IE917/IE906) was sent to the Initiator MSA (since the received List of e-AD (IE821) or the Refusal of Common Request (IE702) had been found invalid at the current MSA); or • A Refusal of Common Request IE702 (indicating that the query returned no results at the Initiator MSA) was stored at the current MSA (since it had found valid at the current MSA); <p>Considering the above, the latest information for the e-AD is not available at the current MSA.</p>
Previous Objects	What is the outcome of the General Query to retrieve an e-AD (Query-Results)?

Table 5.137: Event Refusal message received/sent or Refusal of Common Request recorded (indicating that query returned no results) hence latest information for the e-AD not available

Event List of e-AD recorded hence latest information for the e-AD available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	List of e-AD recorded hence latest information for the e-AD available
Event Type	Conditional intermediate event
Description	The List of e-AD (IE821) was stored at the current MSA (since it had been found valid at the current MSA), hence the latest information of the e-AD is available at the current MSA.
Previous Objects	What is the outcome of the General Query to retrieve an e-AD (Query-Results)?

Table 5.138: Event List of e-AD recorded hence latest information for the e-AD available

Task Build Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Interruption of Movement
Task Type	Service task
Description	The MSA of Interruption builds an Interruption of Movement message (IE807), based on the interruption received from the Excise Officer.

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Actor	EMCS
Input Data	EVENT REPORT Reference for IE807 ATTRIBUTES for IE807 CONTROL REPORT Reference for IE807
Output Data	C_STP_NOT
Previous Objects	History of a Movement recorded hence latest information for the e-AD/e-SAD available List of e-AD recorded hence latest information for the e-AD available Is the MSA of Interruption (i.e. the current MSA) involved in the movement (as MSA of Dispatch or MSA of Destination/ MSA of Export)?
Information Exchange	
Requirements	ACO_FUR_0045
Data Set	
Events	
State	

Table 5.139: Task Build Interruption of Movement

Task Record Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Interruption of Movement
Task Type	Service task
Description	The Interruption of Movement (IE807) is stored.
Actor	EMCS
Input Data	C_STP_NOT
Output Data	C_STP_NOT
Previous Objects	Build Interruption of Movement
Information Exchange	
Requirements	ACO_FUR_0047
Data Set	
Events	
State	

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Table 5.140: Task Record Interruption of Movement

Task Acknowledge confirmation for Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge confirmation for Interruption of Movement
Task Type	User task
Description	The Excise Officer is informed for the Interruption of Movement.
Actor	Excise officer
Input Data	C_STP_NOT
Output Data	C_STP_NOT
Previous Objects	Perform change of e-AD state to Stopped
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.141: Task Acknowledge confirmation for Interruption of Movement

Task Perform change of e-AD state to Stopped

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform change of e-AD state to Stopped
Task Type	Service task
Description	The e-AD state is updated to "Stopped".
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	ARC
Output Data	e-AD/e-SAD state
Previous Objects	Record Interruption of Movement
Information Exchange	

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Requirements	ACO_FUR_0048
Data Set	e-AD/e-SAD state
Events	IE807 recorded
State	Stopped

Table 5.142: Task Perform change of e-AD state to Stopped

Task Identify if MSA of Interruption is MSA of Dispatch,MSA of Destination/ MSA of Export or third MSA

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if MSA of Interruption is MSA of Dispatch,MSA of Destination/ MSA of Export or third MSA
Task Type	Service task
Description	The MSA of Interruption identifies if it is the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA (i.e. an MSA not involved in the current movement).
Actor	EMCS
Input Data	ARC
Output Data	Result Identify if MSA of Interruption is MSA of Dispatch,MSA of Destination/ MSA of Export or third MSA
Previous Objects	Acknowledge confirmation for Interruption of Movement
Information Exchange	
Requirements	ACO_FUR_0049
Data Set	Result Identify if MSA of Interruption is MSA of Dispatch,MSA of Destination/ MSA of Export or third MSA
Events	
State	

Table 5.143: Task Identify if MSA of Interruption is MSA of Dispatch,MSA of Destination/ MSA of Export or third MSA

Task Identify if the destination of the movement is known

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Identify if the destination of the movement is known
Task Type	Service task
Description	The MSA of Interruption identifies if the destination of the movement (i.e. the destination fields) is known.
Actor	EMCS
Input Data	ARC Destination Type Code Sequence Number
Output Data	Result Identify whether the destination of the movement is known
Previous Objects	Is the MSA of Interruption (i.e. the current MSA) the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA?
Information Exchange	
Requirements	ACO_FUR_0050
Data Set	
Events	
State	

Table 5.144: Task Identify if the destination of the movement is known

Task Identify if the destination of the movement is known

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the destination of the movement is known
Task Type	Service task
Description	The MSA of Interruption identifies if the destination of the movement (i.e. the destination fields) is known.
Actor	EMCS
Input Data	Destination Type Code Sequence Number ARC
Output Data	Result Identify whether the destination of the movement is known
Previous Objects	Is the MSA of Interruption (i.e. the current MSA) the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA?
Information Exchange	

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Requirements	ACO_FUR_0050
Data Set	
Events	
State	

Table 5.145: Task Identify if the destination of the movement is known

Task Notify MSA of Dispatch of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Dispatch of Interruption of Movement
Task Type	Send task
Description	The MSA notifies the MSA of Dispatch of the Interruption of Movement (IE807).
Actor	EMCS
Input Data	C_STP_NOT
Output Data	
Previous Objects	Is the destination of the movement known? Is the MSA of Interruption (i.e. the current MSA) the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA? Is the destination of the movement known?
Information Exchange	interruption of movement
Requirements	ACO_FUR_0053
Data Set	
Events	
State	

Table 5.146: Task Notify MSA of Dispatch of Interruption of Movement

Task Notify MSA of Destination/ MSA of Export of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Destination/ MSA of Export of Interruption of Movement
Task Type	Send task
Description	The MSA notifies the MSA of Destination/ MSA of Export of the Interruption of Movement (IE807).
Actor	EMCS

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Input Data	C_STP_NOT
Output Data	
Previous Objects	Is the destination of the movement known? Is the destination of the movement known?
Information Exchange	interruption of movement
Requirements	ACO_FUR_0054
Data Set	
Events	
State	

Table 5.147: Task Notify MSA of Destination/ MSA of Export of Interruption of Movement

Event Interruption of Movement received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement received
Event Type	Message start event
Description	The Interruption of Movement (IE807) received from MSA of Interruption.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Previous Objects	Notify MSA of Dispatch of Interruption of Movement

Table 5.148: Event Interruption of Movement received

Task Perform validation of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Interruption of Movement
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	
Output Data	

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Previous Objects	Interruption of Movement received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.149: Task Perform validation of Interruption of Movement

Task Notify Consignor of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignor of Interruption of Movement
Task Type	Send task
Description	The MSA notifies the Consignor of the Interruption of Movement (IE807).
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	C_STP_NOT
Output Data	
Previous Objects	Is the destination of the movement known? Is the destination of the movement known?
Information Exchange	interruption of movement
Requirements	ACO_FUR_0051
Data Set	
Events	
State	

Table 5.150: Task Notify Consignor of Interruption of Movement

Task Notify Consignee of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignee of Interruption of Movement
Task Type	Send task

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Description	The MSA notifies the Consignee of the Interruption of Movement (IE807).
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	C_STP_NOT
Output Data	
Previous Objects	Is the MSA of Interruption (i.e. the current MSA) the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA?
Information Exchange	interruption of movement
Requirements	ACO_FUR_0052
Data Set	
Events	
State	

Table 5.151: Task Notify Consignee of Interruption of Movement

Event Interruption of Movement received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement received
Event Type	Message start event
Description	The Interruption of Movement (IE807) received from MSA of Interruption.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Previous Objects	Notify MSA of Destination/ MSA of Export of Interruption of Movement

Table 5.152: Event Interruption of Movement received

Task Perform validation of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Interruption of Movement
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.

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Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	
Output Data	
Previous Objects	Interruption of Movement received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.153: Task Perform validation of Interruption of Movement

Task Handle Timers associated with Interrupted Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Timers associated with Interrupted Movement
Task Type	Subprocess (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-10-Handle Timers associated with an Interrupted Movement
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	
Output Data	
Previous Objects	Notify Consignor of Interruption of Movement
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.154: Task Handle Timers associated with Interrupted Movement

Task Handle validation results of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Interruption of Movement

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Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	
Output Data	
Previous Objects	Perform validation of Interruption of Movement
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.155: Task Handle validation results of Interruption of Movement

Event Interruption of Movement sent to MSA of Dispatch and Consignee

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement sent to MSA of Dispatch and Consignee
Event Type	End event
Description	The Interruption of Movement (IE807) was sent to the MSA of Dispatch and the Consignee.
Previous Objects	Notify Consignee of Interruption of Movement

Table 5.156: Event Interruption of Movement sent to MSA of Dispatch and Consignee

Event Interruption of Movement sent to MSA of Dispatch

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement sent to MSA of Dispatch
Event Type	End event
Description	The Interruption of Movement (IE807) was sent to the MSA of Dispatch.
Previous Objects	Notify MSA of Dispatch of Interruption of Movement

Table 5.157: Event Interruption of Movement sent to MSA of Dispatch

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Event Interruption of Movement sent to MSA of Destination/ MSA of Export

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement sent to MSA of Destination/ MSA of Export
Event Type	End event
Description	The Interruption of Movement (IE807) was sent to the MSA of Destination/ MSA of Export.
Previous Objects	Notify MSA of Destination/ MSA of Export of Interruption of Movement

Table 5.158: Event Interruption of Movement sent to MSA of Destination/ MSA of Export

Task Handle validation results of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Interruption of Movement
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	
Output Data	
Previous Objects	Perform validation of Interruption of Movement
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.159: Task Handle validation results of Interruption of Movement

Event Interruption of Movement sent to MSA of Dispatch and Consignor, and timers associated with the interrupted movement handled as necessary (e.g.either stopped or got flag reset)

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement sent to MSA of Dispatch and Consignor, and timers associated with the interrupted movement handled as necessary (e.g.either stopped or got flag reset)

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Event Type	End event
Description	The Interruption of Movement (IE807) was sent to the MSA of Dispatch and the Consignor. In addition, the timers associated with the interrupted movement were handled as necessary (e.g. either stopped or got flag reset).
Previous Objects	Handle Timers associated with Interrupted Movement

Table 5.160: Event Interruption of Movement sent to MSA of Dispatch and Consignor, and timers associated with the interrupted movement handled as necessary (e.g. either stopped or got flag reset)

Event Refusal message sent to MSA of Interruption since Interruption of Movement had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Interruption since Interruption of Movement had been found invalid
Event Type	End event
Description	Refusal message was sent to MSA of Interruption since Interruption of Movement (IE807) had been found invalid.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Previous Objects	What is the outcome of the handling of validation results?

Table 5.161: Event Refusal message sent to MSA of Interruption since Interruption of Movement had been found invalid

Event Interruption of Movement recorded since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement recorded since it had been found valid
Event Type	Conditional intermediate event
Description	The Interruption of Movement (IE807) was recorded since it had been found valid.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Previous Objects	What is the outcome of the handling of validation results?

Table 5.162: Event Interruption of Movement recorded since it had been found valid

Task Perform change of e-AD state to Stopped

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Perform change of e-AD state to Stopped
Task Type	Service task
Description	The e-AD state is updated to "Stopped".
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	ARC
Output Data	e-AD/e-SAD state
Previous Objects	Interruption of Movement recorded since it had been found valid
Information Exchange	
Requirements	ACO_FUR_0048
Data Set	e-AD/e-SAD state
Events	IE807 recorded
State	Stopped

Table 5.163: Task Perform change of e-AD state to Stopped

Event Refusal message sent to MSA of Interruption since Interruption of Movement had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Interruption since Interruption of Movement had been found invalid
Event Type	End event
Description	Refusal message was sent to MSA of Interruption since Interruption of Movement (IE807) had been found invalid.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Previous Objects	What is the outcome of the handling of validation results?

Table 5.164: Event Refusal message sent to MSA of Interruption since Interruption of Movement had been found invalid

Event Interruption of Movement recorded since it had been found valid

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EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement recorded since it had been found valid
Event Type	Conditional intermediate event
Description	The Interruption of Movement (IE807) was recorded since it had been found valid.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Previous Objects	What is the outcome of the handling of validation results?

Table 5.165: Event Interruption of Movement recorded since it had been found valid

Task Notify Consignor of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignor of Interruption of Movement
Task Type	Send task
Description	The MSA notifies the Consignor of the Interruption of Movement (IE807).
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	C_STP_NOT
Output Data	
Previous Objects	Perform change of e-AD state to Stopped
Information Exchange	interruption of movement
Requirements	ACO_FUR_0051
Data Set	
Events	
State	

Table 5.166: Task Notify Consignor of Interruption of Movement

Task Perform change of e-AD state to Stopped

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform change of e-AD state to Stopped

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Task Type	Service task
Description	The e-AD state is updated to "Stopped".
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	ARC
Output Data	e-AD/e-SAD state
Previous Objects	Interruption of Movement recorded since it had been found valid
Information Exchange	
Requirements	ACO_FUR_0048
Data Set	e-AD/e-SAD state
Events	IE807 recorded
State	Stopped

Table 5.167: Task Perform change of e-AD state to Stopped

Task Handle Timers associated with Interrupted Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Timers associated with Interrupted Movement
Task Type	Subprocess (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-10-Handle Timers associated with an Interrupted Movement
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	
Output Data	
Previous Objects	Notify Consignor of Interruption of Movement
Information Exchange	
Requirements	
Data Set	

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Events	
State	

Table 5.168: Task Handle Timers associated with Interrupted Movement

Task Notify Consignee of Interruption of Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignee of Interruption of Movement
Task Type	Send task
Description	The MSA notifies the Consignee of the Interruption of Movement (IE807).
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement
Input Data	C_STP_NOT
Output Data	
Previous Objects	Perform change of e-AD state to Stopped
Information Exchange	interruption of movement
Requirements	ACO_FUR_0052
Data Set	
Events	
State	

Table 5.169: Task Notify Consignee of Interruption of Movement

Event Interruption of Movement sent to Consignor and timers associated with the interrupted movement handled as necessary (e.g.either stopped or got flag reset)

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement sent to Consignor and timers associated with the interrupted movement handled as necessary (e.g.either stopped or got flag reset)
Event Type	End event
Description	The Interruption of Movement (IE807) was sent to Consignor. In addition, the timers associated with the interrupted movement were handled as necessary (e.g.either stopped or got flag reset).

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Previous Objects	Handle Timers associated with Interrupted Movement
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Table 5.170: Event Interruption of Movement sent to Consignor and timers associated with the interrupted movement handled as necessary (e.g. either stopped or got flag reset)

Event Interruption of Movement sent to Consignee

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement sent to Consignee
Event Type	End event
Description	The Interruption of Movement (IE807) was sent to Consignee.
Previous Objects	Notify Consignee of Interruption of Movement

Table 5.171: Event Interruption of Movement sent to Consignee

5.8. Process L4-ACO-01-15-Submission of an Event Report (Submit)

5.8.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic submission of an event report during excise movements (including exporting movements), namely, movements under duty suspension, duty paid – Business to Business (duty paid B2B) movements, duty paid – distance selling (duty paid B2C) movements or undocumented movements (i.e. movements using a non-European Union standard document) in accordance with the current Common Specifications (FESS and DDNEA).

Submission of an event report is recommended mandatory where one of the cases, referred to in points (a) to (e) of Article 15(1) of Regulation (EU) No 389/2012, is detected and shall be sent as soon as it has potential consequences on the results of the movement, in particular significant shortages, within seven days of the moment when the competent authority becomes aware of the event (as defined in Article 14 of Implementing Regulation (EU) 2016/323). After examination, the MSA of submission considers whether an event is worth entering into investigation procedures and/or that complementary controls must be achieved. After examination, the MSA of submission considers whether an event is worth entering into investigation procedures and/or that complementary controls must be achieved.

The process focuses on the activities performed by the MSA of the Excise office receiving and submitting (MSA of Submission) the event report to the MSA of Event. Based on the foreseen scenarios described in the current Common Specifications, the MSA of Submission, can be the MSA of Dispatch, the MSA of Destination/MSA of Export, or a third MSA.

The start event is triggered by the receipt of information by an excise officer concerning an incident that has occurred during an excise movement. The EMCS automatically records all the information provided builds and records/stores the Event Report message (IE840).

Then the EMCS of the MSA of Submission identifies if the MSA of Submission is also the MSA of Event.

In case the MSA of Submission is also the MSA of Event the transmission of event report (IE840:C_EVT_DAT) is deemed immediately done and the process ends at this point (The Event Report is stored at the MSA of Submission which is also the MSA of Event).

In case the MSA of Submission is not the MSA of Event, then the MSA of Submission transmits the (IE840) Event Report to the MSA of Event. The EMCS at the MSA of Event proceeds with validating the Event Report (IE840) data, by using the “Perform validation of event report” sub process. Then, the EMCS at MSA of Event

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proceeds with the handling of the validation results by using the “Handle validation results of event report” call activity. Depending on the outcome (end event) of the “Handle validation results of event report” call activity, the following may happen:

- a. If the Event Report is a found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the MSA of Submission (since the event report was found invalid) and the whole process ends at this point.
- b. If the event report is found valid the event report (IE840) is recorded at the EMCS of MSA of Event and the whole process ends at this point.

5.8.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-15
Full Name	Submission of an Event Report (Submit)
Assumptions	The Common Domain validations performed at the receiving side (through the “Perform validation of Event Report” sub-process) are described only in DDNEA (i.e. they are not described in FESS)
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-02-Mandatory Exchange of Information
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.172: Process Details

5.8.3. Tasks and Events

Event The Excise Officer aims to submit the Event Report

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The Excise Officer aims to submit the Event Report
Event Type	Start event
Description	Excise officer receives information concerning an event during an excise movements (including exporting movements), namely, movements under duty suspension, duty paid – Business to Business (duty paid B2B) movements, duty paid – distance selling (duty paid B2C) movements or undocumented movements (i.e. movements using a non-European Union standard document)
Previous Objects	

Table 5.173: Event The Excise Officer aims to submit the Event Report

Task Register draft Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register draft Event Report

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Task Type	User task
Description	The Excise officer registers the information concerning the event report (IE840:C_EVT_DAT) to his MSA application, MSA of Submission.
Actor	Excise officer
Input Data	C_EVT_DAT
Output Data	C_EVT_DAT
Previous Objects	The Excise Officer aims to submit the Event Report
Information Exchange	
Requirements	ACO_FUR_0088
Data Set	
Events	
State	

Table 5.174: Task Register draft Event Report

Task Record draft Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record draft Event Report
Task Type	Service task
Description	The EMCS of the MSA of Submission records all information provided concerning the event report (IE840:C_EVT_DAT)
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	C_EVT_DAT
Previous Objects	Register draft Event Report
Information Exchange	
Requirements	ACO_FUR_0089
Data Set	
Events	
State	

Table 5.175: Task Record draft Event Report

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Task Build Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Event Report
Task Type	Service task
Description	The MSA of Submission builds the Event Report (IE840) based on report received from the Excise Officer
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	C_EVT_DAT
Previous Objects	Record draft Event Report
Information Exchange	
Requirements	ACO_FUR_0101
Data Set	
Events	
State	

Table 5.176: Task Build Event Report

Task Record Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Event Report
Task Type	Service task
Description	The Event Report (IE840) is stored
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	C_EVT_DAT
Previous Objects	Build Event Report
Information Exchange	
Requirements	ACO_FUR_0102
Data Set	
Events	

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PROCESS MODELS

State	
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Table 5.177: Task Record Event Report

Task Identify if MSA of Submission is the MSA of Event

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if MSA of Submission is the MSA of Event
Task Type	Service task
Description	The EMCS of the MSA of Submission checks if the MSA of Submission is also the MSA of Event. In that case the transmission of the Event Report is not applicable.
Actor	EMCS
Input Data	Member State of Event MS of Submission Event Report Reference
Output Data	Result Identify if MSA of Submission is the MSA of Event
Previous Objects	Record Event Report
Information Exchange	
Requirements	ACO_FUR_0103
Data Set	
Events	
State	

Table 5.178: Task Identify if MSA of Submission is the MSA of Event

Task Notify MSA of Event of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Event of Event Report
Task Type	Send task
Description	The EMCS of the MSA of Submission transmits the Event Report (IE840) to the MSA of Event. If the MSA of Submission is also the MSA of Event this transmission is deemed immediately done.
Actor	EMCS
Input Data	C_EVT_DAT Result Identify if MSA of Submission is the MSA of Event

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Output Data	
Previous Objects	Is MSA of Submission the MSA of Event?
Information Exchange	event report
Requirements	ACO_FUR_0104
Data Set	
Events	
State	

Table 5.179: Task Notify MSA of Event of Event Report

Event Event Report received from MSA of Submission

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report received from MSA of Submission
Event Type	Message start event
Description	The MSA of Dispatch received the event report (IE840) from the MSA of Submission
Previous Objects	Notify MSA of Event of Event Report

Table 5.180: Event Event Report received from MSA of Submission

Event Event Report sent to the MSA of Event

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report sent to the MSA of Event
Event Type	End event
Description	MSA of Submission transmits the Event Report (IE840) to the MSA of Event.
Previous Objects	Notify MSA of Event of Event Report

Table 5.181: Event Event Report sent to the MSA of Event

Event Event Report stored at the MSA of Submission

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report stored at the MSA of Submission

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Event Type	End event
Description	Event Report (IE840) is stored at the MSA of Submission. As the MSA of Submission is also the MSA of Event the transmission of the Event Report is not applicable.
Previous Objects	Is MSA of Submission the MSA of Event?

Table 5.182: Event Event Report stored at the MSA of Submission

Task Perform validation of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Event Report
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Input Data	
Output Data	
Previous Objects	Event Report received from MSA of Submission
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.183: Task Perform validation of Event Report

Task Handle validation results of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Event Report
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)

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PROCESS MODELS

Input Data	
Output Data	
Previous Objects	Perform validation of Event Report
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.184: Task Handle validation results of Event Report

Event Refusal message sent to MSA of Submission since Event Report had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Submission since Event Report had been found invalid
Event Type	End event
Description	A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the Event Report (IE840) had been found invalid and the process ends at this point
Previous Objects	What is the outcome of the handling of validation results?

Table 5.185: Event Refusal message sent to MSA of Submission since Event Report had been found invalid

Event Event Report recorded at the MSA of Event since Event Report had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report recorded at the MSA of Event since Event Report had been found valid
Event Type	End event
Description	Event Report (IE840) successfully recorded at the MSA of Event. The whole process ends at this point
Previous Objects	What is the outcome of the handling of validation results?

Table 5.186: Event Event Report recorded at the MSA of Event since Event Report had been found valid

5.9. Process L4-ACO-01-16-Submission of an Event Report (Handling)

5.9.1. Objective of Process

The purpose of this process is to describe all possible paths concerning the handling of a submitted Event Report in accordance with the current Common Specifications (FESS and DDNEA). The process focuses on the activities performed by the MSA of validating the Event Report submitted by the MSA of Submission and then disseminating the validated report to all concerned actors of the movement (MSA of Dispatch, MSA of Destination/MSA of Export/MSA of Export, Consignor and Consignee).

The process can be triggered upon two conditions:

- a. When the Event Report is received from MSA of Submission and recorded successfully at MSA of Event.
- b. When the Event Report exists in MSA of Event (MSA of Event is also MSA of Submission)

In both cases the EMCS of the MSA of Event assigns a unique reference to the Event Report and the process continues.

Then the EMCS of MSA of Event updates the Event Report type to: "Validated document". The EMCS of the MSA of Event identifies whether the MSA of Event (current MSA) is also the MSA of Submission:

- In case the MSA of Event is also the MSA of Submission then the EMCS sends an acknowledgment of the validated Event Report to the Excise Officer.
- Otherwise the process continues.

The EMCS at MSA of Event identifies whether the MSA of Event is the MSA of Dispatch and thus has the latest e-AD information or the latest information for the Duty paid movement (B2B, B2C or undocumented) in order to disseminate the validated Event Report. Otherwise the MSA of Event is a third MSA (including the case it is a former MSA of Destination/MSA of Export) or the MSA of Destination/MSA of Export and has to obtain the latest information of e-AD/e-SAD:

In case the MSA of Event is the MSA of Dispatch (hence the latest e-AD or Duty paid movement (B2B, B2C or undocumented) information is available), the process continues.

In case of Duty paid B2C or undocumented movement the information should be available to the MSA of Event (including the case it is a third MSA) or the MSA of Destination/MSA of Export) in order for the process to continue.

In case the latest e-AD information is not available (MSA of Event is a third MSA (including the case it is a former MSA of Destination/MSA of Export) or the MSA of Destination/MSA of Export) then it proceeds with performing a Download of an e-AD in order to obtain the latest information concerning the specific movement: The MSA of Event performs a Download of an e-AD/e-SAD by using the "L4-ACO-01-28-Perform Download of an e-AD/e-SAD (Query-Results)" sub-process:

a. In case:

- A refusal message (IE917/IE906) is received from the MSA of Dispatch (since the Movement Download Request (IE784) had been found invalid at the MSA of Dispatch); or
- A refusal message (IE917/IE906) is sent to MSA of Dispatch (since the received Movement Download Answer (IE785) or History of a Movement (IE838) had been found invalid at the MSA of Event); or
- A Movement Download Response IE785 (indicating that the e-AD/e-SAD was not available (online) at the MSA of Dispatch) is stored (since it had been found valid at the MSA of Event);

the latest information for the e-AD/e-SAD is not available at the MSA of Event and the whole process ends at this point.

b. In case the History of a Movement (IE838) is stored (since it had been found valid), the latest information of the e-AD/e-SAD is available at the MSA of Event and the process continues.

At this point the MSA of Event (either this is the MSA of Dispatch, MSA of Destination/Export, or a third MSA or a former MSA of Destination/MSA of Export) has the latest e-AD information and can proceed to Event Report dissemination.

1. In case the MSA of Event is the MSA of Dispatch:

o If the destination of the movement is known the MSA of Dispatch notifies the Consignor and the MSA of Destination/MSA of Export of the validated Event Report. Then, the EMCS of the MSA of Destination/MSA

of Export proceeds with the validation of the Event Report data, by using the “Perform validation of Event Report” sub process. Then, the EMCS at MSA of Destination/MSA of Export proceeds with the handling of the validation results by using the “Handle validation results of Event Report” call activity. Depending on the outcome (end event) of the “Handle validation results of Event Report” call activity, the following may happen:

a. If the Event Report was found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the MSA of Dispatch and the whole process ends at this point;

b. If the Event Report is found valid the Event Report is recorded at the EMCS of MSA of Destination/MSA of Export. Then the EMCS of the MSA of Destination identifies whether the MSA of Destination (current MSA) is also the MSA of Submission.

- In case the MSA of Destination is also the MSA of Submission, the EMCS sends an acknowledgment of the validated Event Report to the Excise Officer.

- Otherwise the process continues.

Then the EMCS identifies if the destination of the movement is for Export.

- If the destination of the movement is for Export the process ends at this point with the Event Report acknowledged by the Excise Officer.

- If the destination of the movement is not for Export then the EMCS transfers the Event Report (IE840:C_EVT_DAT) to Consignee. The process ends at this point with the Event Report acknowledged by the Excise Officer and sent to Consignee.

Upon completion of dissemination of the validated Event Report to MSA of Destination/MSA of Export and to Consignor the whole process ends at this point.

o If the destination of the movement is not known then the MSA of Dispatch notifies the Consignor of the validated Event Report. Upon completion of dissemination of the validated Event Report to Consignor the whole process ends at this point.

2. In case the MSA of Event is the MSA of Destination/MSA of Export, the EMCS of the MSA of Destination/MSA of Export notifies the Consignee and the MSA of Dispatch of the validated Event Report. Then, the EMCS at MSA of Dispatch proceeds with the validation of the Event Report data, by using the “Perform validation of Event Report” sub process. Then the EMCS of the MSA of Dispatch, proceeds with the handling of the validation results by using the “Handle validation results of Event Report” call activity. Depending on the outcome (end event) of the “Handle validation results of Event Report” call activity, the following may happen:

a. If the Event Report was found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the MSA of Destination/MSA of Export and the whole process ends at this point;

b. If the Event Report is found valid the Event Report is recorded at the EMCS of MSA of Dispatch. The EMCS of the MSA of Dispatch identifies whether the MSA of Dispatch is also the MSA of Submission:

- In case the MSA of Dispatch is also the MSA of Submission then the EMCS sends an acknowledgment of the validated Event Report to the Excise Officer.

- Otherwise the process continues

Then, The EMCS at the MSA of Dispatch transmits the Event Report (IE840:C_EVT_DAT) to Consignor.

Upon completion of dissemination of the validated Event Report to MSA of Dispatch and to Consignor the whole process ends at this point.

3. In case the MSA of Event is a third MSA:

o If the Destination of the movement is known, the EMCS of the third MSA notifies in parallel the MSA of Dispatch and the MSA of Destination/MSA of Export of the validated Event Report. Then the process continues as follows:

The EMCS at MSA of Dispatch proceeds with the validation of the Event Report data, by using the “Perform validation of Event Report” sub process. Then the EMCS of the MSA of Dispatch, proceeds with the handling of the validation results by using the “Handle validation results of Event Report” call activity. Depending on the outcome (end event) of the “Handle validation results of Event Report” call activity, the following may happen:

a. If the Event Report was found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the third MSA and the whole process ends at this point;

b. If the Event Report is found valid the Event Report is recorded at the EMCS of MSA of Dispatch.

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The EMCS of the MSA of Dispatch identifies whether the MSA of Dispatch is also the MSA of Submission:

- In case the MSA of Dispatch is also the MSA of Submission then the EMCS sends an acknowledgment of the validated Event Report to the Excise Officer.
- Otherwise the process continues

Then, The EMCS at the MSA of Dispatch transmits the Event Report (IE840:C_EVT_DAT) to Consignor.

The EMCS of the MSA of Destination/MSA of Export proceeds with the validation of the Event Report data, by using the “Perform validation of Event Report” sub process. Then, the EMCS at MSA of Destination/MSA of Export proceeds with the handling of the validation results by using the “Handle validation results of Event Report” call activity. Depending on the outcome (end event) of the “Handle validation results of Event Report” call activity, the following may happen:

- a. If the Event Report was found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the third MSA and the whole process ends at this point;
- b. If the Event Report is found valid the Event Report is recorded at the EMCS of MSA of Destination/MSA of Export.

The EMCS identifies whether the MSA of Destination/MSA of Export is also the MSA of Submission:

- In case the MSA of Destination/MSA of Export is also the MSA of Submission then the EMCS sends an acknowledgment of the validated Event Report to the Excise Officer.
- Otherwise the process continues

Then the EMCS identifies if the destination of the movement is for Export. If this is the case then the process ends at this point with the Event Report acknowledged by the Excise Officer.

- If the destination of the movement is for Export the process ends at this point with the Event Report acknowledged by the Excise Officer.
- If the destination of the movement is not for Export then the EMCS transfers the Event Report (IE840:C_EVT_DAT) to Consignee. The process ends at this point with the Event Report acknowledged by the Excise Officer and sent to Consignee.

Upon completion of dissemination of the validated Event Report to MSA of Dispatch, MSA of Destination/MSA of Export, Consignor and Consignee the whole process ends at this point.

o If the destination of the movement is not known the EMCS of the third MSA notifies the MSA of Dispatch. The EMCS at MSA of Dispatch proceeds with the validation of the Event Report data, by using the “Perform validation of Event Report” sub process. Then the EMCS of the MSA of Dispatch, proceeds with the handling of the validation results by using the “Handle validation results of Event Report” call activity. Depending on the outcome (end event) of the “Handle validation results of Event Report” call activity, the following may happen:

- a. If the Event Report was found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the third MSA (since the Event Report was found invalid) and the whole process ends at this point;
- b. If the Event Report is found valid the Event Report is recorded at the EMCS of MSA of Dispatch.

The EMCS of the MSA of Dispatch identifies whether the MSA of Dispatch is also the MSA of Submission:

- In case the MSA of Dispatch is also the MSA of Submission then the EMCS sends an acknowledgment of the validated Event Report to the Excise Officer.
- Otherwise the process continues

Then, The EMCS at the MSA of Dispatch transmits the Event Report (IE840:C_EVT_DAT) to Consignor.

Upon completion of dissemination of the validated Event Report to MSA of Dispatch and to Consignor the whole process ends at this point.

The final result of the whole process should be the successful dissemination of the validated Event Report (IE840) to the concerned actors (both MSAs and economic operators).

5.9.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-16
Full Name	Submission of an Event Report (Handling)

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Assumptions	<p>1. The Common Domain validations performed at the receiving side (through the “Perform validation of Event Report” sub-process) are described only in DDNEA (i.e. they are not described in FESS)</p> <p>2. The MSA provides a confirmation for the Event Report to the Excise Officer only when it is the MSA of Submission, in alignment with DDNEA</p>
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-02-Mandatory Exchange of Information
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.187: Process Details

5.9.3. Tasks and Events

Event Event Report received (over the Common Domain) from MSA of Submission and recorded successfully at MSA of Event

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report received (over the Common Domain) from MSA of Submission and recorded successfully at MSA of Event
Event Type	Conditional start event
Description	Event report is received from the MSA of Submission since the MSA of Submission is different from the MSA of Event. The whole process starts at this point
Previous Objects	

Table 5.188: Event Event Report received (over the Common Domain) from MSA of Submission and recorded successfully at MSA of Event

Task Assign unique reference to Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Assign unique reference to Event Report
Task Type	Service task
Description	The MSA of Event assigns a unique reference number to the IE840: C_EVT_DAT report
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	Event Report Number

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Previous Objects	Event report exists in MSA of Event (MSA of Event is also MSA of Submission) Event Report received (over the Common Domain) from MSA of Submission and recorded successfully at MSA of Event
Information Exchange	
Requirements	ACO_FUR_0105
Data Set	
Events	
State	

Table 5.189: Task Assign unique reference to Event Report

Event Event report exists in MSA of Event (MSA of Event is also MSA of Submission)

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event report exists in MSA of Event (MSA of Event is also MSA of Submission)
Event Type	Conditional start event
Description	Event report is stored at the MSA of Event (since the MSA of Event is also the MSA of Submission)
Previous Objects	

Table 5.190: Event Event report exists in MSA of Event (MSA of Event is also MSA of Submission)

Task Update event report type to "Validated document"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Update event report type to "Validated document"
Task Type	Service task
Description	The MSA of Event updates the IE840: C_EVT_DAT report type to "Validated document"
Actor	EMCS
Input Data	Incremental Message Type
Output Data	Incremental Message Type
Previous Objects	Assign unique reference to Event Report
Information Exchange	

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Requirements	ACO_FUR_0106
Data Set	
Events	
State	

Table 5.191: Task Update event report type to "Validated document"

Task Acknowledge Confirmation for Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Confirmation for Event Report
Task Type	User task
Description	The MSA of Event forwards the (IE840:C_EVT_DAT) Event Report to the Excise Officer
Actor	Excise officer
Input Data	Result Identify if the MSA of Event is the MSA of Submission C_EVT_DAT
Output Data	C_EVT_DAT
Previous Objects	Is the MSA of Event the MSA of Submission?
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.192: Task Acknowledge Confirmation for Event Report

Task Identify if the MSA of Event is the MSA of Submission

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the MSA of Event is the MSA of Submission
Task Type	Service task
Description	The EMCS of the MSA of Event identifies if the MSA of Event is the MSA of Submission, in order to identify if should notify the Excise Officer of the validated Event Report
Actor	EMCS

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Input Data	MS of Submission Event Report Reference Member State of Event
Output Data	Result Identify if the MSA of Event is the MSA of Submission
Previous Objects	Update event report type to "Validated document"
Information Exchange	
Requirements	ACO_FUR_0107
Data Set	
Events	
State	

Table 5.193: Task Identify if the MSA of Event is the MSA of Submission

Task Identify if the MSA of Event is the MSA of Dispatch

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the MSA of Event is the MSA of Dispatch
Task Type	Service task
Description	The EMCS of the MSA of Event identifies whether the MSA of Event is also the MSA of Dispatch as in this case the MSA of Event has the latest e-AD information in order to disseminate the Event Report. In any other case, (third MSA or former MSA of Destination/ MSA of Export) the MSA of Event has to obtain the latest e-AD information
Actor	EMCS
Input Data	Member State of Event Member State of Dispatch Result Identify if the MSA of Event is the MSA of Submission ARC
Output Data	Result Identify if the MSA of Event is the MSA of Dispatch
Previous Objects	Acknowledge Confirmation for Event Report Is the MSA of Event the MSA of Submission?
Information Exchange	
Requirements	ACO_FUR_0108
Data Set	
Events	
State	

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Table 5.194: Task Identify if the MSA of Event is the MSA of Dispatch

Task Identify if the Event report is for Duty Suspension or Duty Paid B2B

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the Event report is for Duty Suspension or Duty Paid B2B
Task Type	Service task
Description	The MSA of Event which is not the MSA of Dispatch should identify if the Event report is for duty suspension, for duty paid – Business to Business (duty paid B2B) movements or for duty paid – distance selling (duty paid B2C) movements or undocumented movements (i.e. movements using a non-European Union standard document)
Actor	EMCS
Input Data	Result Identify if the MSA of Event is the MSA of Dispatch EXCISE MOVEMENT for IE717, IE802, IE837, IE840, IE861, IE871
Output Data	Result Identify if the Event report is for Duty Suspension or Duty Paid B2B
Previous Objects	Is the MSA of Event the MSA of Dispatch?
Information Exchange	
Requirements	ACO_FUR_0109
Data Set	
Events	
State	

Table 5.195: Task Identify if the Event report is for Duty Suspension or Duty Paid B2B

Task Perform Download of an e-AD/e-SAD (Query-Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Download of an e-AD/e-SAD (Query-Results)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-28-Perform Download of an e-AD/e-SAD (Query-Results)
Actor	EMCS
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement L4-ACO-01-17-Control and Submission of Control Report
Input Data	

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Output Data	
Previous Objects	Is the Event for Duty Suspension or Duty Paid B2B?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.196: Task Perform Download of an e-AD/e-SAD (Query-Results)

Event Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available
Event Type	End event
Description	<ul style="list-style-type: none"> • A refusal message (IE917/IE906) was received from the MSA of Dispatch (since the Status Request (IE904) had been found invalid at the MSA of Dispatch); or • A refusal message (IE917/IE906) was sent to the MSA of Dispatch (since the received Status Response (IE905) or the Data Packaging (IE934) had been found invalid at the current MSA); or • A Status Response IE905 (indicating that the e-AD/e-SAD was not available (online) at the MSA of Dispatch) was stored (since it had been found valid at the current MSA). <p>Considering the above, the latest information for the e-AD/e-SAD is not available at the current MSA.</p>
Appears also in the following processes	<p>L4-ACO-01-09-Interruption of a Movement</p> <p>L4-ACO-01-17-Control and Submission of Control Report</p>
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query-Results)?

Table 5.197: Event Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available

Event History of a Movement recorded hence latest information for the e-AD/e-SAD available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Event Name	History of a Movement recorded hence latest information for the e-AD/e-SAD available
Event Type	Conditional intermediate event
Description	The Data Packaging (IE934) was stored (since it had been found valid), hence the latest information of the e-AD/e-SAD is available at the current MSA.
Appears also in the following processes	L4-ACO-01-09-Interruption of a Movement L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query-Results)?

Table 5.198: Event History of a Movement recorded hence latest information for the e-AD/e-SAD available

Task Notify MSA of Dispatch of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Dispatch of Event Report
Task Type	Send task
Description	The MSA pf Event which is a third MSA notifies the MSA of Dispatch of the validated event report
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	
Previous Objects	Is the MSA of Event the MSA of Destination/MSA of Export or a third MSA? Is the destination of the movement known? Is the destination of the movement known?
Information Exchange	event report
Requirements	ACO_FUR_0111
Data Set	
Events	
State	

Table 5.199: Task Notify MSA of Dispatch of Event Report

Task Notify MSA of Destination of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Notify MSA of Destination of Event Report
Task Type	Send task
Description	The MSA of Event which is a third MSA notifies the MSA of Destination of the validated event report
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	
Previous Objects	Is the destination of the movement known? Is the destination of the movement known?
Information Exchange	event report
Requirements	ACO_FUR_0112
Data Set	
Events	
State	

Table 5.200: Task Notify MSA of Destination of Event Report

Event Event Report received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report received
Event Type	Message start event
Description	The MSA of Dispatch received the validated Event Report (IE840)
Previous Objects	Notify MSA of Dispatch of Event Report

Table 5.201: Event Event Report received

Task Perform validation of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Event Report
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-15-Submission of an Event Report (Submit) L4-ACO-01-16-Submission of an Event Report (Handling)
Input Data	
Output Data	
Previous Objects	Event Report received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.202: Task Perform validation of Event Report

Task Notify Consignor of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignor of Event Report
Task Type	Send task
Description	The MSA of Event which is the MSA of Dispatch notifies the Consignor of the validated event report
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	
Previous Objects	Is the destination of the movement known? Is the destination of the movement known?
Information Exchange	event report
Requirements	ACO_FUR_0113
Data Set	
Events	
State	

Table 5.203: Task Notify Consignor of Event Report

Task Notify Consignee of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Notify Consignee of Event Report
Task Type	Send task
Description	The MSA of Event which is the MSA of Destination notifies the Consignee of the validated event report
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	
Previous Objects	Is the MSA of Event the MSA of Destination/MSA of Export or a third MSA?
Information Exchange	event report
Requirements	ACO_FUR_0110
Data Set	
Events	
State	

Table 5.204: Task Notify Consignee of Event Report

Event Event Report received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report received
Event Type	Message start event
Description	The MSA of Destination received the Event Report (IE840)
Previous Objects	Notify MSA of Destination of Event Report

Table 5.205: Event Event Report received

Task Handle validation results of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Event Report
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-15-Submission of an Event Report (Submit) L4-ACO-01-16-Submission of an Event Report (Handling)
Input Data	
Output Data	
Previous Objects	Perform validation of Event Report
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.206: Task Handle validation results of Event Report

Event Event report sent to the MSA of Dispatch and to Consignee

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event report sent to the MSA of Dispatch and to Consignee
Event Type	End event
Description	The validated event report (IE840) sent tot the MSA of Dispatch and to Consignee
Previous Objects	Notify Consignee of Event Report

Table 5.207: Event Event report sent to the MSA of Dispatch and to Consignee

Event Event report sent to MSA of Dispatch

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event report sent to MSA of Dispatch
Event Type	End event
Description	The validated event report (IE840) sent to MSA of Dispatch
Previous Objects	Notify MSA of Dispatch of Event Report

Table 5.208: Event Event report sent to MSA of Dispatch

Event Event Report sent to MSA of Destination/MSA of Export

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Excise Functional Requirements BPM Report for Administrative Cooperation
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Event Name	Event Report sent to MSA of Destination/MSA of Export
Event Type	End event
Description	The validated even report (IE840) sent to MSA of Destination
Previous Objects	Notify MSA of Destination of Event Report

Table 5.209: Event Event Report sent to MSA of Destination/MSA of Export

Event Event Report sent to Consignor and MSA of Destination/MSA of Export

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report sent to Consignor and MSA of Destination/MSA of Export
Event Type	End event
Description	The validated event report (IE840) sent to MSA of Destination and to Consignor
Previous Objects	Notify Consignor of Event Report

Table 5.210: Event Event Report sent to Consignor and MSA of Destination/MSA of Export

Task Perform validation of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Event Report
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-15-Submission of an Event Report (Submit) L4-ACO-01-16-Submission of an Event Report (Handling)
Input Data	
Output Data	
Previous Objects	Event Report received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Table 5.211: Task Perform validation of Event Report

Event Refusal message sent to MSA of Event since the Event Report had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Event since the Event Report had been found invalid
Event Type	End event
Description	A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the event report (IE840) had been found invalid and the process ends at this point
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Previous Objects	What is the outcome of the handling of validation results?

Table 5.212: Event Refusal message sent to MSA of Event since the Event Report had been found invalid

Event Event report recorded since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event report recorded since it had been found valid
Event Type	Conditional intermediate event
Description	The event report (IE840) was recorded since it had been found valid and the process continues
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Previous Objects	What is the outcome of the handling of validation results?

Table 5.213: Event Event report recorded since it had been found valid

Task Handle validation results of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Event Report
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-15-Submission of an Event Report (Submit) L4-ACO-01-16-Submission of an Event Report (Handling)
Input Data	
Output Data	
Previous Objects	Perform validation of Event Report
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.214: Task Handle validation results of Event Report

Task Identify if the MSA of Dispatch is the MSA of Submission

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the MSA of Dispatch is the MSA of Submission
Task Type	Service task
Description	The EMCS of the MSA of Dispatch identifies if the MSA of Dispatch is the MSA of Submission, in order to identify if should notify the Excise Officer of the validated Event Report
Actor	EMCS
Input Data	Member State of Dispatch MS of Submission Event Report Reference ARC
Output Data	Result Identify if the MSA of Dispatch is the MSA of Submission
Previous Objects	Event report recorded since it had been found valid
Information Exchange	
Requirements	ACO_FUR_0114
Data Set	
Events	
State	

Table 5.215: Task Identify if the MSA of Dispatch is the MSA of Submission

Task Acknowledge Confirmation for Event Report

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Confirmation for Event Report
Task Type	User task
Description	The MSA of Event forwards the (IE840:C_EVT_DAT) Event Report to the Excise Officer
Actor	Excise officer
Input Data	C_EVT_DAT Result Identify if the MSA of Dispatch is the MSA of Submission
Output Data	C_EVT_DAT
Previous Objects	Is the MSA of Dispatch the MSA of Submission?
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.216: Task Acknowledge Confirmation for Event Report

Event Refusal message sent to MSA of Event since the Event Report had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Event since the Event Report had been found invalid
Event Type	End event
Description	A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the event report (IE840) had been found invalid and the process ends at this point
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Previous Objects	What is the outcome of the handling of validation results?

Table 5.217: Event Refusal message sent to MSA of Event since the Event Report had been found invalid

Event Event report recorded since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Event Name	Event report recorded since it had been found valid
Event Type	Conditional intermediate event
Description	The event report (IE840) was recorded since it had been found valid and the process continues
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Previous Objects	What is the outcome of the handling of validation results?

Table 5.218: Event Event report recorded since it had been found valid

Task Identify if the MSA of Destination is the MSA of Submission

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the MSA of Destination is the MSA of Submission
Task Type	Service task
Description	The EMCS of the MSA of Destination/MSA of Export identifies if the MSA of Destination/MSA of Export is the MSA of Submission, in order to identify if should notify the Excise Officer of the validated Event Report
Actor	EMCS
Input Data	Member State of Destination MS of Submission Event Report Reference ARC
Output Data	Result Identify if the MSA of Destination is the MSA of Submission
Previous Objects	Event report recorded since it had been found valid
Information Exchange	
Requirements	ACO_FUR_0115
Data Set	
Events	
State	

Table 5.219: Task Identify if the MSA of Destination is the MSA of Submission

Task Notify Consignor of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignor of Event Report
Task Type	Send task

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Description	The MSA of Dispatch notifies Consignor of the validated event report (IE840)
Actor	EMCS
Input Data	C_EVT_DAT
Output Data	
Previous Objects	Is the MSA of Dispatch the MSA of Submission? Acknowledge Confirmation for Event Report
Information Exchange	event report
Requirements	ACO_FUR_0113
Data Set	
Events	
State	

Table 5.220: Task Notify Consignor of Event Report

Task Acknowledge Confirmation for Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Confirmation for Event Report
Task Type	User task
Description	The MSA of Event forwards the (IE840:C_EVT_DAT) Event Report to the Excise Officer
Actor	Excise officer
Input Data	C_EVT_DAT Result Identify if the MSA of Destination is the MSA of Submission
Output Data	C_EVT_DAT
Previous Objects	Is the MSA of Destination the MSA of Submission?
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.221: Task Acknowledge Confirmation for Event Report

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Event Event Report acknowledged by Excise Officer and sent to Consignor

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report acknowledged by Excise Officer and sent to Consignor
Event Type	End event
Description	The validated event report (IE840) have been acknowledged by Excise Officer and sent to Consignor
Previous Objects	Notify Consignor of Event Report

Table 5.222: Event Event Report acknowledged by Excise Officer and sent to Consignor

Task Identify if the Event report is for Duty Suspension or Duty Paid B2B

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the Event report is for Duty Suspension or Duty Paid B2B
Task Type	Service task
Description	The MSA of Event which is not the MSA of Dispatch should identify if the Event report is for duty suspension, for duty paid – Business to Business (duty paid B2B) movements or for duty paid – distance selling (duty paid B2C) movements or undocumented movements (i.e. movements using a non-European Union standard document)
Actor	EMCS
Input Data	EXCISE MOVEMENT for IE717, IE802, IE837, IE840, IE861, IE871
Output Data	Result Identify if the Event report is for Duty Suspension or Duty Paid B2B
Previous Objects	Acknowledge Confirmation for Event Report Is the MSA of Destination the MSA of Submission?
Information Exchange	
Requirements	ACO_FUR_0109
Data Set	
Events	
State	

Table 5.223: Task Identify if the Event report is for Duty Suspension or Duty Paid B2B

Task Identify if the destination of the movement is for Export

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Task Name	Identify if the destination of the movement is for Export
Task Type	Service task
Description	The EMCS identifies if the destination of the movement is for Export
Actor	EMCS
Input Data	Sequence Number ARC Destination Type Code
Output Data	Result Identify whether the destination of the movement is for Export
Previous Objects	Is the Event for Duty Suspension or Duty Paid B2B?
Information Exchange	
Requirements	ACO_FUR_0116
Data Set	
Events	
State	

Table 5.224: Task Identify if the destination of the movement is for Export

Event Event Report acknowledged by Excise Officer

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report acknowledged by Excise Officer
Event Type	End event
Description	The Event report is acknowledged by Excise Officer
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Previous Objects	Is the Event for Duty Suspension or Duty Paid B2B?

Table 5.225: Event Event Report acknowledged by Excise Officer

Task Notify Consignee of Event Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignee of Event Report
Task Type	Send task
Description	The MSA of Destination notifies Consignee of the validated event report (IE840)

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PROCESS MODELS

Actor	EMCS
Input Data	C_EVT_DAT
Output Data	
Previous Objects	Is the destination of the movement for Export?
Information Exchange	event report
Requirements	ACO_FUR_0110
Data Set	
Events	
State	

Table 5.226: Task Notify Consignee of Event Report

Event Event Report acknowledged by Excise Officer

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report acknowledged by Excise Officer
Event Type	End event
Description	The Event report is acknowledged by Excise Officer
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling)
Previous Objects	Is the destination of the movement for Export?

Table 5.227: Event Event Report acknowledged by Excise Officer

Event Event Report acknowledged by Excise Officer and sent to Consignee

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Event Report acknowledged by Excise Officer and sent to Consignee
Event Type	End event
Description	The validated event report (IE840) have been acknowledged by Excise Officer and sent to Consignee
Previous Objects	Notify Consignee of Event Report

Table 5.228: Event Event Report acknowledged by Excise Officer and sent to Consignee

5.10. Process L4-ACO-01-17-Control and Submission of Control Report

5.10.1. Objective of Process

The purpose of this process is to describe all possible paths concerning the handling of a submitted Control Report in accordance with the current Common Specifications (FESS and DDNEA). The process focuses on the activities performed by the MSA where the Control Report is submitted (MSA of Control) and disseminated to all concerned actors of the movement (MSA of Dispatch and MSA of Destination/MSA of Export).

Submission of a control report is mandatory and shall be sent to the Member States concerned within seven days of the control (as defined in Article 11 of Implementing Regulation (EU) 2016/323), where one of the cases referred to in points (a) to (e) of Article 15(1) of Regulation (EU) No 389/2012 is detected, as a result of a documentary or physical control of goods during a movement.

The process can be triggered either:

- On the basis of a documentary or a physical control of a movement under duty suspension or concerning an identified duty paid B2B movement, duty paid B2C movement or an undocumented movement (i.e. a movement using a non-European Union standard document), a control officer decides to submit a control report.
- On the basis of complementary investigations after the submission of a control report, a control officer decides to submit a complementary Control Report.

The EMCS automatically records all the information provided, builds and records/stores the Control Report message (IE717).

The EMCS of the MSA of Control identifies whether this is the first submission of the Control Report:

- In case the Control Report type is: "Initial submission", then the EMCS of the MSA of Control assigns a unique reference to the Control Report and the process continues.
- In case the Control Report type is: "Complementary submission" then the process continues.

The EMCS of MSA of Control updates the Control Report message type to: "Validated document".

Then the EMCS of the MSA of Control identifies whether the MSA of Control is the MSA of Dispatch (as in this case it obtains the latest e-AD/e-SAD information). In any other case (is a third MSA (including the case it is a former MSA of Destination/MSA of Export) or the MSA of Destination/MSA of Export and has to obtain the latest information of e-AD/e-SAD:

- In case the MSA of Control is the MSA of Dispatch the process continues.
- In case of Duty paid B2C or undocumented movement the information should be available to the MSA of Event (including the case it is a third MSA) or the MSA of Destination/MSA of Export in order for the process to continue.
- In case the MSA of Control is either a third MSA (including the case it is a former MSA of Destination/MSA of Export) or the MSA of Destination/MSA of Export, the MSA of Control performs a Download of an e-AD/e-SAD by using the "L4-ACO-01-28-Perform Download of an e-AD/e-SAD (Query-Results)" sub-process the following may happen:

a. In case:

- A refusal message (IE917/IE906) is received from the MSA of Dispatch (since the Movement Download Request (IE784) Request had been found invalid at the MSA of Dispatch); or
- A refusal message (IE917/IE906) is sent to MSA of Dispatch (since the received Movement Download Answer (IE785) or History of a Movement (IE838) had been found invalid at the MSA of Control); or
- A Movement Download Answer IE785 (indicating that the e-AD/e-SAD was not available (online) at the MSA of Dispatch) is stored (since it had been found valid at the MSA of Control);

the latest information for the e-AD/e-SAD is not available at the MSA of Control and the whole process ends at this point.

b. In case the History of a Movement (IE838) is stored (since it had been found valid), the latest information of the e-AD/e-SAD is available at the MSA of Control and the process continues.

Upon obtaining the latest information of the e-AD/e-SAD, depending on whether the MSA of Control is the MSA of Destination/MSA of Export or a third MSA:

1. In case the MSA of Control is the MSA of Destination/MSA of Export:

The EMCS of the MSA of Destination/MSA of Export notifies the MSA of Dispatch of the Control Report (IE717: C_CCR_DAT, Control Report Message Type: Validated document). Then the EMCS of the MSA of Dispatch, proceeds with the validation of the Control Report message, by using the “Perform validation of Control Report” sub process and proceeds with the handling of the validation results by using the “Handle validation results of Control Report” call activity. Depending on the outcome of the “Handle validation results of Control Report” call activity, the following may happen:

- a. If the Control Report is found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the MSA of Destination/MSA of Export and the whole process ends at this point;
- b. If the Control Report is found valid the Control Report is recorded and stored at the EMCS of MSA of Dispatch.

2. In case the MSA of Control is a third MSA:

In case the destination of the movement is known then, the EMCS of the third MSA notifies in parallel the MSA of Dispatch and the MSA of Destination/MSA of Export of the Control Report. The process continues as follows:

The EMCS at MSA of Dispatch proceeds with the validation of the Control Report data, by using the “Perform validation of Control Report” sub process. Then the EMCS of the MSA of Dispatch, proceeds with the handling of the validation results by using the “Handle validation results of Control Report” call activity. Depending on the outcome (end control) of the “Handle validation results of Control Report” call activity, the following may happen:

- a. If the Control Report is found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the third MSA (since the Control Report was found invalid) and the whole process ends at this point;
- b. If the Control Report is found valid the Control Report is recorded and stored at the EMCS of MSA of Dispatch.

The EMCS of the MSA of Destination/MSA of Export proceeds with the validation of the Control Report data, by using the “Perform validation of Control Report” sub process. Then, the EMCS at MSA of Destination/MSA of Export proceeds with the handling of the validation results by using the “Handle validation results of Control Report” call activity. Depending on the outcome (end control) of the “Handle validation results of Control Report” call activity, the following may happen:

- a. If the Control Report is found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the third MSA and the whole process ends at this point;
- b. If the Control Report is found valid the Control Report is recorded at the EMCS of MSA of Destination/MSA of Export. Then the EMCS of the MSA of Destination/MSA of Export identifies if a control at arrival of goods is indicated by examining if the “Control at Arrival Required” flag is “true”:

- In case the “Control at Arrival Required” flag is “true” then a Control is requested by MSA of Control to MSA of Destination/MSA of Export at arrival of goods. The process ends at this point.
- Otherwise the Control Report is stored at the MSA of Destination/MSA of Export. The process ends at this point.

In case the destination of the movement is not known to the EMCS of the third MSA, the EMCS of the third MSA notifies in the MSA of Dispatch of the Control Report. The process continues as follows:

The EMCS at MSA of Dispatch proceeds with the validation of the Control Report data, by using the “Perform validation of Control Report” sub process. Then the EMCS of the MSA of Dispatch, proceeds with the handling of the validation results by using the “Handle validation results of Control Report” call activity. Depending on the outcome (end control) of the “Handle validation results of Control Report” call activity, the following may happen:

- a. If the Control Report is found invalid, a refusal message (IE917/IE906) is sent to the Excise office of the third MSA and the whole process ends at this point;
- b. If the Control Report is found valid the Control Report is recorded and stored at the EMCS of MSA of Dispatch and the whole process ends at this point.

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3. In case the MSA of Control is the MSA of Dispatch:

In case the destination of the movement is known then the MSA of Dispatch notifies the MSA of Destination/MSA of Export/Export of the Control Report (IE717: C_CCR_DAT, Control Report Message Type: Validated document). The EMCS of the MSA of Destination/MSA of Export proceeds with the validation of the Control Report data, by using the “Perform validation of Control Report” sub process. Then, the EMCS at MSA of Destination/MSA of Export proceeds with the handling of the validation results by using the “Handle validation results of Control Report” call activity. Depending on the outcome (end control) of the “Handle validation results of Control Report” call activity, the following may happen:

- a. If the Control Report is found invalid a refusal message (IE917/IE906) is sent to the Excise office of the MSA of Dispatch (since the Control Report was found invalid) and the whole process ends at this point;
- b. If the Control Report is found valid the Control Report is recorded at the EMCS of MSA of Destination/MSA of Export. Then the EMCS of the MSA of Destination/MSA of Export identifies if a control at arrival of goods is indicated by examining if the “Control at Arrival Required” flag is “true”:
 - In case the “Control at Arrival Required” flag is “true” then a Control is requested by MSA of Control to MSA of Destination/MSA of Export at arrival of goods. The process ends at this point.
 - Otherwise the Control Report is stored at the MSA of Destination/MSA of Export. The process ends at this point.

In case the destination of the movement is not known then the Control Report cannot be disseminated to MSA of Destination/MSA of Export and the whole process ends at this point.

5.10.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-17
Full Name	Control and Submission of Control Report
Assumptions	<p>1.The structural validations on the received control report (IE717: C_CCR_DAT) -concerning the flag of the movements for performing a control at arrival of the goods- are referred only in DDNEA and not in FESS, thus these validations are not modeled due to this misalignment between the FESS and the DDNEA.</p> <p>2.The Common Domain validations performed at the receiving side (through the “Perform validation of Control Report” sub-process) are described only in DDNEA (i.e. they are not described in FESS)</p>
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-02-Mandatory Exchange of Information
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.229: Process Details

5.10.3. Tasks and Events

Event The Control Officer aims to submit a Control Report

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Event Name	The Control Officer aims to submit a Control Report
Event Type	Start event
Description	On the basis of a documentary or a physical control of a movement under duty suspension or concerning an identified duty paid B2B movement, duty paid B2C movement or an undocumented movement (i.e. a movement using a non-European Union standard document), a Control Officer decides to submit a Control Report.
Previous Objects	

Table 5.230: Event The Control Officer aims to submit a Control Report

Event The Control Officer aims to submit a complementary Control Report

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The Control Officer aims to submit a complementary Control Report
Event Type	Start event
Description	On the basis of complementary investigations after the submission of a control report a Control Officer decides to submit a complementary Control Report
Previous Objects	

Table 5.231: Event The Control Officer aims to submit a complementary Control Report

Task Register draft Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register draft Control Report
Task Type	User task
Description	Excise Officer registers the draft event report to EMCS of MSA of Control
Actor	Control officer
Input Data	C_CCR_DAT
Output Data	C_CCR_DAT
Previous Objects	The Control Officer aims to submit a complementary Control Report The Control Officer aims to submit a Control Report
Information Exchange	
Requirements	ACO_FUR_0117
Data Set	

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Events	
State	

Table 5.232: Task Register draft Control Report

Task Record draft Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record draft Control Report
Task Type	Service task
Description	the EMCS of the MSA where the Control Report is submitted records the draft Control Report
Actor	EMCS
Input Data	C_CCR_DAT
Output Data	C_CCR_DAT
Previous Objects	Register draft Control Report
Information Exchange	
Requirements	ACO_FUR_0118
Data Set	
Events	
State	

Table 5.233: Task Record draft Control Report

Task Build Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Control Report
Task Type	Service task
Description	The MSA of Control builds the Control Report based on information received from the Excise Officer
Actor	EMCS
Input Data	C_CCR_DAT
Output Data	C_CCR_DAT
Previous Objects	Record draft Control Report

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Information Exchange	
Requirements	ACO_FUR_0119
Data Set	
Events	
State	

Table 5.234: Task Build Control Report

Task Record Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Control Report
Task Type	Service task
Description	The EMCS of the MSA of Control stores the Control Report
Actor	EMCS
Input Data	C_CCR_DAT
Output Data	C_CCR_DAT
Previous Objects	Build Control Report
Information Exchange	
Requirements	ACO_FUR_0120
Data Set	
Events	
State	

Table 5.235: Task Record Control Report

Task Identify whether this is initial submission

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify whether this is initial submission
Task Type	Service task
Description	The MSA of Control identifies if this is the initial submission of the Control Report, i.e. it identifies if a Control Report Reference is not already assigned to the Control Report IE717
Actor	EMCS
Input Data	Control Report Reference

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Output Data	Result Identify whether this is initial submission
Previous Objects	Record Control Report
Information Exchange	
Requirements	ACO_FUR_0121
Data Set	
Events	
State	

Table 5.236: Task Identify whether this is initial submission

Task Assign a unique reference to Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Assign a unique reference to Control Report
Task Type	Service task
Description	The MSA of Control assigns a unique reference number to the Control Report
Actor	EMCS
Input Data	Result Identify whether this is initial submission C_CCR_DAT
Output Data	Control Report Reference
Previous Objects	Is this initial submission?
Information Exchange	
Requirements	ACO_FUR_0177
Data Set	
Events	
State	

Table 5.237: Task Assign a unique reference to Control Report

Task Update Control Report type to "Validated document"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Update Control Report type to "Validated document"
Task Type	Service task

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Description	The MSA of Control updates the IE717: C_CCR_DAT report type to "Validated document"
Actor	EMCS
Input Data	Incremental Message Type
Output Data	Incremental Message Type
Previous Objects	Is this initial submission? Assign a unique reference to Control Report
Information Exchange	
Requirements	ACO_FUR_0122
Data Set	
Events	
State	

Table 5.238: Task Update Control Report type to "Validated document"

Task Identify if the MSA of Control is the MSA of Dispatch

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the MSA of Control is the MSA of Dispatch
Task Type	Service task
Description	The EMCS of the MSA of Control identifies if the current MSA (i.e the MSA of Control) is the MSA of Dispatch to identify if the latest information is available. In any other case (Third MSA or MSA of Destination) the EMCS has to obtain the latest information of e-AD
Actor	EMCS
Input Data	Member State of Dispatch Control Report Reference ARC
Output Data	Result Identify if the MSA of Control is the MSA of Dispatch
Previous Objects	Update Control Report type to "Validated document"
Information Exchange	
Requirements	ACO_FUR_0123
Data Set	
Events	

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State	
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Table 5.239: Task Identify if the MSA of Control is the MSA of Dispatch

Task Identify if the Control report is for Duty Suspension or Duty Paid B2B

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the Control report is for Duty Suspension or Duty Paid B2B
Task Type	Service task
Description	The MSA of Control which is not the MSA of Dispatch should identify if the Control report is for duty suspension movements, for duty paid B2B movements or for duty paid – distance selling (duty paid B2C) movements or undocumented movements (i.e. movements using a non-European Union standard document).
Actor	EMCS
Input Data	EXCISE MOVEMENT for IE717, IE802, IE837, IE840, IE861, IE871 Result Identify if the MSA of Control is the MSA of Dispatch
Output Data	Result Identify if the Control report is for Duty Suspension or Duty Paid B2B
Previous Objects	Is MSA of Control the MSA of Dispatch?
Information Exchange	
Requirements	ACO_FUR_0124
Data Set	
Events	
State	

Table 5.240: Task Identify if the Control report is for Duty Suspension or Duty Paid B2B

Task Perform Download of an e-AD/e-SAD (Query-Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Download of an e-AD/e-SAD (Query-Results)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-28-Perform Download of an e-AD/e-SAD (Query-Results)
Actor	EMCS
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling) L4-ACO-01-09-Interruption of a Movement

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Input Data	
Output Data	
Previous Objects	Is the Control for Duty Suspension or Duty Paid B2B?
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.241: Task Perform Download of an e-AD/e-SAD (Query-Results)

Event Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available
Event Type	End event
Description	<ul style="list-style-type: none"> • A refusal message (IE917/IE906) was received from the MSA of Dispatch (since the Status Request (IE904) had been found invalid at the MSA of Dispatch); or • A refusal message (IE917/IE906) was sent to the MSA of Dispatch (since the received Status Response (IE905) or the Data Packaging (IE934) had been found invalid at the current MSA); or • A Status Response IE905 (indicating that the e-AD/e-SAD was not available (online) at the MSA of Dispatch) was stored (since it had been found valid at the current MSA). <p>Considering the above, the latest information for the e-AD/e-SAD is not available at the current MSA.</p>
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling) L4-ACO-01-09-Interruption of a Movement
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query-Results)?

Table 5.242: Event Refusal message received/sent or Status Response recorded (indicating e-AD/e-SAD not available (online)) hence latest information for the e-AD/e-SAD not available

Event History of a Movement recorded hence latest information for the e-AD/e-SAD available

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Event Name	History of a Movement recorded hence latest information for the e-AD/e-SAD available
Event Type	Conditional intermediate event
Description	The Data Packaging (IE934) was stored (since it had been found valid), hence the latest information of the e-AD/e-SAD is available at the current MSA.
Appears also in the following processes	L4-ACO-01-16-Submission of an Event Report (Handling) L4-ACO-01-09-Interruption of a Movement
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query-Results)?

Table 5.243: Event History of a Movement recorded hence latest information for the e-AD/e-SAD available

Event Control Report received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report received
Event Type	Message start event
Description	IE717 validated control report received from MSA of Control
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	Notify MSA of Dispatch

Table 5.244: Event Control Report received

Task Perform validation of Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Control Report
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Input Data	
Output Data	
Previous Objects	Control Report received

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Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.245: Task Perform validation of Control Report

Event Control Report received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report received
Event Type	Message start event
Description	IE717 validated control report received from MSA of Control
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	Notify MSA of Destination

Table 5.246: Event Control Report received

Task Notify MSA of Dispatch

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Dispatch
Task Type	Send task
Description	MSA of Destination transmits the IE717 Control Report to MSA of Dispatch
Actor	EMCS
Input Data	C_CCR_DAT
Output Data	
Previous Objects	Is the destination of the movement known? Is MSA of Control (i.e.the current MSA) the MSA of Destination/MSA of Export or a third MSA? Is the destination of the movement known?
Information Exchange	control report
Requirements	ACO_FUR_0125
Data Set	

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Events	
State	

Table 5.247: Task Notify MSA of Dispatch

Task Notify MSA of Destination

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Destination
Task Type	Send task
Description	MSA of Dispatch transmits the IE717 Control Report to MSA of Destination
Actor	EMCS
Input Data	C_CCR_DAT
Output Data	
Previous Objects	Is the destination of the movement known? Is the destination of the movement known?
Information Exchange	control report
Requirements	ACO_FUR_0126
Data Set	
Events	
State	

Table 5.248: Task Notify MSA of Destination

Task Perform validation of Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Control Report
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Input Data	
Output Data	

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Previous Objects	Control Report received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.249: Task Perform validation of Control Report

Task Handle validation results of Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Control Report
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Input Data	
Output Data	
Previous Objects	Perform validation of Control Report
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.250: Task Handle validation results of Control Report

Event Control Report sent to MSA of Dispatch

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report sent to MSA of Dispatch
Event Type	End event
Description	
Previous Objects	Notify MSA of Dispatch

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Table 5.251: Event Control Report sent to MSA of Dispatch

Event Control Report sent to MSA of Destination

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report sent to MSA of Destination
Event Type	End event
Description	
Previous Objects	Notify MSA of Destination

Table 5.252: Event Control Report sent to MSA of Destination

Event Control Report not disseminated

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report not disseminated
Event Type	End event
Description	
Previous Objects	Is the destination of the movement known? Is the destination of the movement known?

Table 5.253: Event Control Report not disseminated

Task Handle validation results of Control Report

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Control Report
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Input Data	
Output Data	
Previous Objects	Perform validation of Control Report
Information Exchange	
Requirements	

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Data Set	
Events	
State	

Table 5.254: Task Handle validation results of Control Report

Event Refusal message sent to MSA of Control since the Control Report had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Control since the Control Report had been found invalid
Event Type	End event
Description	A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the event report (IE840) had been found invalid and the process ends at this point
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	What is the outcome of the handling of validation results?

Table 5.255: Event Refusal message sent to MSA of Control since the Control Report had been found invalid

Event Control Report stored at the MSA of Dispatch since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report stored at the MSA of Dispatch since it had been found valid
Event Type	End event
Description	The Control Report recored and stored at EMCS of the MSA of Dispatch since it had been found valid.
Previous Objects	What is the outcome of the handling of validation results?

Table 5.256: Event Control Report stored at the MSA of Dispatch since it had been found valid

Event Refusal message sent to MSA of Control since the Control Report had been found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to MSA of Control since the Control Report had been found invalid
Event Type	End event

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Description	A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the event report (IE840) had been found invalid and the process ends at this point
Appears also in the following processes	L4-ACO-01-17-Control and Submission of Control Report
Previous Objects	What is the outcome of the handling of validation results?

Table 5.257: Event Refusal message sent to MSA of Control since the Control Report had been found invalid

Event Control Report recorded since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report recorded since it had been found valid
Event Type	Conditional intermediate event
Description	The event report (IE717) was recorded since it had been found valid and the process continues
Previous Objects	What is the outcome of the handling of validation results?

Table 5.258: Event Control Report recorded since it had been found valid

Task Identify if Control at Arrival Required

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if Control at Arrival Required
Task Type	Service task
Description	The EMCS of the MSA of Destination identifies if the "Control at Arrival Required" flag (in the Control Report IE717) is "true", in order to identify if a control is requested by the MSA of Control at arrival of goods
Actor	EMCS
Input Data	Control at Arrival Required
Output Data	Result Identify if Control at Arrival Required
Previous Objects	Control Report recorded since it had been found valid
Information Exchange	
Requirements	ACO_FUR_0127
Data Set	
Events	

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State	
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Table 5.259: Task Identify if Control at Arrival Required

Event Control Report stored at the MSA of Destination/MSA of Export since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report stored at the MSA of Destination/MSA of Export since it had been found valid
Event Type	End event
Description	The Control Report recored and stored at EMCS of the MSA of Destination/MSA of Export since it had been found valid.
Previous Objects	Is Control at Arrival Required?

Table 5.260: Event Control Report stored at the MSA of Destination/MSA of Export since it had been found valid

Event Control Report stored at the MSA of Destination/MSA of Export since it had been found valid and Control requested by MSA of Control to MSA of Destination at Arrival of goods

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Control Report stored at the MSA of Destination/MSA of Export since it had been found valid and Control requested by MSA of Control to MSA of Destination at Arrival of goods
Event Type	End event
Description	Control requested by MSA of Control to MSA of Destination at Arrival of goods.
Previous Objects	Is Control at Arrival Required?

Table 5.261: Event Control Report stored at the MSA of Destination/MSA of Export since it had been found valid and Control requested by MSA of Control to MSA of Destination at Arrival of goods

5.11. Process L4-ACO-01-18-Status Synchronisation Mechanism

5.11.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the message exchange protocol for the Status Synchronisation Mechanism, in accordance with the current Common Specifications (FESS).

It has to be noted that the actors (“Requesting MSA”, “Requested MSA”) participating in this Business Process, are general roles used instead of specific roles such as “MSA of Dispatch” or “MSA of Destination”. Consequently, depending on the Business Case/Scenario, the relevant MSA (Dispatch or Destination) could act either as “Requested MSA” or “Requesting MSA”.

This decouples the roles that the applications may have for a given ARC queried by the IE784/IE785 mechanism.

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The process is triggered in any of the following Cases/Scenarios:

- a) The Requesting MSA decides to initiate "Manual Status Request/Response" ; or
- b) The Requesting MSA decides to initiate "Manual Status Synchronisation Request"; or
- c) The Automated mechanism triggered at the application of the Requesting MSA.

More specifically the Cases/Scenarios are described below:

- a) In the case the process starts when the Requesting MSA decides to initiate a "Manual Status Request/Response", a "Manual Status Request/Response" is registered by the Requesting MSA. Subsequently, the "Manual Status Request/Response" is recorded by the application.
- b) In the case the process starts when the Requesting MSA decides to initiate a "Manual Status Synchronisation Request", "Manual Status Synchronisation Request" is registered by the Requesting MSA. Subsequently, the "Manual Status Synchronisation Request" is recorded by the application.
- c) In the case of receiving a draft report of receipt for an unknown ARC or upon the expiry of the TIM_EAD_ESAD timer after a missed report of receipt, the Automated mechanism is triggered at the application of the Requesting MSA. It shall be noted that the Automated mechanism is also triggered upon the expiry of the TIM_EAD_ESAD timer in the case of a Duty Paid B2B movement, in which the Report of Receipt has been sent by the consignee, but due to formalities not being fulfilled at the MS of Destination, the Report of Receipt has not been yet transmitted by the MS of Destination to the MS of Dispatch. In this case, in the Status synchronisation mechanism that shall be activated, the Report of Receipt message will not be regenerated to be sent to the MS of Dispatch (i.e. since no message was sent via the common domain, no message will be regenerated).

In each of the three mentioned above Business Cases/Scenarios, a "Movement Download Request" (IE784) message is built. The "Movement Download Request" (IE784) message considers the input given for each Case/Scenario, as mentioned in the above business flows, and is constructed accordingly.

The "Movement Download Request" (IE784) message is recorded and the Requesting MSA notifies the Requested MSA accordingly.

The "Movement Download Request" (IE784) message is received by the Requested MSA. Then, the Requested MSA application proceeds with validation and the handling of the validation results by using "Perform validation of Movement Download Request" subprocess and "Handle validation results of Movement Download Request" call-activity. Depending on the outcome (end event) of the "Handle validation results of Movement Download Request" call-activity, the following could happen:

- If a refusal message (IE917/IE906) is sent to the Requesting MSA (since the Movement Download Request (IE784) was found invalid), the whole process ends at this point;
- If the Movement Download Request (IE784) is recorded (since the Movement Download Request (IE784) was found valid), the process continues.

The Requested MSA Examines the Movement Download Request (IE784) message content (i.e. ARC (known/unknown), ARC state of the Requesting MSA, last business (event) message sent, "Status Request Message type" item). Considering the information deriving from the Movement Download Request (IE784) examination in previous step, the Movement Download Answer (IE785) message is built and recorded by the Requested MSA application. Then the Requested MSA notifies the Requesting MSA of Movement Download Answer (IE785).

The Movement Download Answer (IE785) message is received by the Requested MSA. Then, the Requested MSA application proceeds with validation and the handling of the validation results by using "Perform validation of Movement Download Answer" subprocess and "Handle validation results of Movement Download Answer" call-activity. Depending on the outcome (end event) of the "Handle validation results of Movement Download Answer" call-activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the Requested MSA (since the Status Request was found invalid), the whole process ends at this point;

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- If the Movement Download Answer (IE785) is recorded (since the Status Response was found valid), the process continues.

Then, the Requested MSA considering the content of the Movement Download Request (IE784) examined in previous step identifies whether the “Status Request Message Type” item exists.

- If the item is “Not Applicable”, the process ends after the Movement Download Answer (IE785) is sent to the Requesting MSA. The Requesting MSA has received all the available information from the Requested MSA in the Movement Download Answer (IE785).
- If the item has value “1”, the process continues since this value identifies that the Requesting MSA has requested the last message sent from the Requested MSA in order for the two MSAs to be synchronised.

Furthermore, considering the content of the Movement Download Request (IE784) examined in previous step, requested MSA identifies whether the two MSAs are synchronised or not.

- If the two MSAs are synchronised, no additional message is intended to be sent, considering the examined information of the Movement Download Request (IE784). The process ends at this point and Requesting MSA has received all the available information from the Requested MSA in the Movement Download Answer (IE785).
- If the two MSAs are desynchronised, the missing message (IEZZZ) is regenerated.

In this step, the message, which was built in the context of another Business Process and has been missing (IEZZZ) (i.e. IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839, IE905) is regenerated having the same message body but different message header. Afterwards, the regenerated missing message (IEZZZ) is sent to the Requesting MSA and the process ends at this point at the Requested MSA.

The Movement Download Answer (IE785) and the missing message (IEZZZ), have been sent to Requesting MSA since MSAs (Requested and Requesting) were found to be desynchronised.

The Requesting MSA receives the missing message (IEZZZ) and the relevant Business Processes are triggered respectively (i.e. Submit and Register e-AD, Perform report of Receipt/Export, Perform Cancellation of movement, Perform Change of Destination of a movement, Perform Alert or Rejection of an e-AD, Manual Closing of the movement).

If the Requesting MSA receives no message after the Movement Download Answer (IE785) has been recorded, since it is valid, the process continues.

Following, the EMCS at the Requesting MSA identifies whether the request is triggered manually or automatically.

- If it is triggered manually, then the EMCS at the Requesting MSA forwards the Movement Download Answer (IE785) and the missing business message, when applicable, to the MSA official and the whole process ends.
- If it is triggered automatically, then the whole process ends at this point.

5.11.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-18
Full Name	Status Synchronisation Mechanism
Assumptions	N/A
Constraints	No constraints.

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L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.262: Process Details

5.11.3. Tasks and Events

Event Requesting MSA decides to initiate "Manual Status Request"

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Requesting MSA decides to initiate "Manual Status Request"
Event Type	Start event
Description	The Excise Officer decided to initiate the Manual Status Request process. This part of the flow starting with the decision of the registration of the Manual Status Request describes the mechanism that could be used at any time by any MSA application to request the status of an e-AD from any MSA application, independent of any preconditions other than the ARC being known or unknown. Several information exchanges of an excise operation (identified by a unique ARC) require a timely response. Due to exceptions, those responses may not arrive in time.
Previous Objects	

Table 5.263: Event Requesting MSA decides to initiate "Manual Status Request"

Event Requesting MSA decides to initiate "Manual Status Synchronisation Request"

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Requesting MSA decides to initiate "Manual Status Synchronisation Request"
Event Type	Start event
Description	The Excise Officer decided to initiate Manual Status Synchronisation Request. This part of the flow starting with the registration of the “Manual Status Synchronisation Request” describes the mechanism, which could be provided by a MSA application to its MSA Officials as a more advanced (sophisticated) use of the “Manual Status Request/Response”.
Previous Objects	

Table 5.264: Event Requesting MSA decides to initiate "Manual Status Synchronisation Request"

Task Register Manual Status Request or Manual Status Synchronisation Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Manual Status Request or Manual Status Synchronisation Request

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Task Type	User task
Description	<p>The Excise Officer registers a Manual Status Request to the Requesting MSA.</p> <p>The Status Synchronisation Request is triggered manually by the MSA Official for a specific ARC existing in the system. The MSA Official shall indicate that he/she is simply enquiring about the status of the movement. In the IE784: C_DOW_SUB the MSA Official of the Requesting MSA application shall also provide the sequence number of the last business (event) message sent to the Requested MSA application for the specific ARC.</p> <p>OR</p> <p>The Excise Officer registers a Manual Status Synchronisation Request to the Requesting MSA.</p> <p>In particular, the “Manual Status Synchronisation Request” is used to indicate that the MSA Official requests not only the status of the movement but also the last message sent from the Requested MSA application.</p>
Actor	Excise officer
Input Data	ATTRIBUTES for IE784 EXCISE MOVEMENT e-AD/e-SAD for IE784
Output Data	ATTRIBUTES for IE784 EXCISE MOVEMENT e-AD/e-SAD for IE784
Previous Objects	Requesting MSA decides to initiate "Manual Status Synchronisation Request" Requesting MSA decides to initiate "Manual Status Request"
Information Exchange	
Requirements	ACO_FUR_0001
Data Set	
Events	
State	

Table 5.265: Task Register Manual Status Request or Manual Status Synchronisation Request

Task Record Manual Status Request or Manual Status Synchronisation Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Manual Status Request or Manual Status Synchronisation Request
Task Type	Service task

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Description	The Manual Status Request or Manual Status Synchronisation Request is stored by the Requesting MSA.
Actor	EMCS
Input Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784
Output Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784
Previous Objects	Register Manual Status Request or Manual Status Synchronisation Request
Information Exchange	
Requirements	ACO_FUR_0003
Data Set	
Events	
State	

Table 5.266: Task Record Manual Status Request or Manual Status Synchronisation Request

Event Automated mechanism triggered

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Automated mechanism triggered
Event Type	Start event
Description	<p>Automated mechanism of Status Synchronisation is triggered in Requesting MSA application by a system relevant event.</p> <p>The automated mechanism is triggered in order to identify whether an e-AD/e-SAD/Report of Receipt is missing due to a technical failure or due to business discrepancy.</p> <p>Possible case/scenarios that trigger this part of the flow could be:</p> <ul style="list-style-type: none"> i. Report of Receipt for unknown ARC (Requesting MSA has not received the e-AD/e-SAD sent by the Requested MSA due to network failure) ii. TIM_EAD_ESAD expiration after missed RoR. In addition, in the case of TIM_EAD_ESAD timer expiration for a Duty Paid B2B movement, in which the Report of Receipt has been sent by the consignee, but due to formalities not being fulfilled at the MS of Destination, the Report of Receipt has not been yet transmitted by the MS of Destination to the MS of Dispatch (i.e. there is not missed RoR, but RoR is correctly not being sent yet).
Previous Objects	

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Table 5.267: Event Automated mechanism triggered

Task Build Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Movement Download Request
Task Type	Service task
Description	EMCS, taking into consideration the query of the MSA Official, builds the Movement Download Request message (IE784:C_DOW_SUB).
Actor	EMCS
Appears also in the following processes	L4-ACO-01-21-Download of an e-AD/e-SAD (Query)
Input Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784
Output Data	C_DOW_SUB
Previous Objects	Record Manual Status Request or Manual Status Synchronisation Request Automated mechanism triggered
Information Exchange	
Requirements	ACO_FUR_0005
Data Set	
Events	
State	

Table 5.268: Task Build Movement Download Request

Task Record Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Movement Download Request
Task Type	Service task
Description	The Movement Download Request message (IE784:C_DOW_SUB) is stored by EMCS.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-21-Download of an e-AD/e-SAD (Query)
Input Data	C_DOW_SUB

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Output Data	C_DOW_SUB
Previous Objects	Build Movement Download Request
Information Exchange	
Requirements	ACO_FUR_0006
Data Set	
Events	
State	

Table 5.269: Task Record Movement Download Request

Task Notify Requested MSA of Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requested MSA of Movement Download Request
Task Type	Send task
Description	The Requesting MSA notifies the Requested MSA of Movement Download Request (IE784).
Actor	EMCS
Input Data	C_DOW_SUB
Output Data	
Previous Objects	Record Movement Download Request
Information Exchange	movement download request
Requirements	ACO_FUR_0007
Data Set	
Events	
State	

Table 5.270: Task Notify Requested MSA of Movement Download Request

Event Movement Download Request message Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request message Received
Event Type	Message start event

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Description	The Requested MSA received a Movement Download Request (IE784) from the Requesting MSA.
Previous Objects	Notify Requested MSA of Movement Download Request

Table 5.271: Event Movement Download Request message Received

Task Perform validation of Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Movement Download Request
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-21-Download of an e-AD/e-SAD (Query)
Input Data	
Output Data	
Previous Objects	Movement Download Request message Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.272: Task Perform validation of Movement Download Request

Task Handle validation results of Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Movement Download Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-21-Download of an e-AD/e-SAD (Query)
Input Data	
Output Data	

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Previous Objects	Perform validation of Movement Download Request
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.273: Task Handle validation results of Movement Download Request

Event Refusal message sent to Requested MSA since Movement Download Request found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to Requested MSA since Movement Download Request found invalid
Event Type	End event
Description	A Refusal message (IE917/IE906) was sent to the MSA of Dispatch since the Movement Download Request (IE784) had been found invalid.
Previous Objects	What is the outcome of the handling of validation results?

Table 5.274: Event Refusal message sent to Requested MSA since Movement Download Request found invalid

Event Movement Download Request recorded since it had been found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request recorded since it had been found valid
Event Type	Conditional intermediate event
Description	The Movement Download Request (IE784) was recorded since Movement Download Request (IE784) had been found valid and the process continues.
Previous Objects	What is the outcome of the handling of validation results?

Table 5.275: Event Movement Download Request recorded since it had been found valid

Task Examine the Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Examine the Movement Download Request
Task Type	Service task

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Description	<p>The Requested MSA examines the IE784 message content to identify what the requesting MSA is expecting in reply.</p> <p>In the first place, it is identified for an ARC if it is known or unknown.</p> <p>In the case of a known ARC, the Requested MSA examines the "state" of the Requesting MSA for the specific ARC.</p> <p>Furthermore the last business (event) message sent from the Requested MSA for the specific ARC is identified.</p>
Actor	EMCS
Input Data	<p>Last Received Message Type</p> <p>ARC</p> <p>Sequence Number</p> <p>Status</p>
Output Data	EXCISE MOVEMENT e-AD/e-SAD for IE785
Previous Objects	Movement Download Request recorded since it had been found valid
Information Exchange	
Requirements	ACO_FUR_0008
Data Set	
Events	
State	

Table 5.276: Task Examine the Movement Download Request

Task Build Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Movement Download Answer
Task Type	Service task
Description	<p>The Requested MSA builds a Movement Download Answer (IE785). More specifically, following up the examination of the content of Movement Download Request (IE784), Requested MSA application builds a Movement Download Answer (IE785) including the following information existing in the requested MSA application:</p> <ul style="list-style-type: none"> the ARC of the specific movement: it is the same as the ARC in the request message (IE784:C_DOW_SUB), the status: indicating the state of the specific movement in the requested MSA application; otherwise, when the specific ARC is unknown to the requested MSA application, it is set to "None", the last received message type: indicating the number of the last business message sent from the requesting MSA application and received by the requested MSA application for the specific ARC; otherwise, when the specific ARC is unknown to the requested MSA application or when the

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	requested MSA application has not received a business message from the requesting MSA application, it is set to "None".
Actor	EMCS
Input Data	C_DOW_SUB
Output Data	C_DOW_RES
Previous Objects	Examine the Movement Download Request
Information Exchange	
Requirements	ACO_FUR_0009
Data Set	
Events	
State	

Table 5.277: Task Build Movement Download Answer

Task Record Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Movement Download Answer
Task Type	Service task
Description	The Movement Download Answer (IE785:C_DOW_RES) is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	C_DOW_RES
Output Data	C_DOW_RES
Previous Objects	Build Movement Download Answer
Information Exchange	
Requirements	ACO_FUR_0010
Data Set	
Events	
State	

Table 5.278: Task Record Movement Download Answer

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Event Status Response message received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Status Response message received
Event Type	Message intermediate event (catch)
Description	The Movement Download Answer (IE785) is received by the Requesting MSA application.
Previous Objects	Notify Requested MSA of Movement Download Request Notify Requesting MSA about Movement Download Answer

Table 5.279: Event Status Response message received

Task Perform validation of Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Movement Download Answer
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	
Output Data	
Previous Objects	Status Response message received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.280: Task Perform validation of Movement Download Answer

Task Notify Requesting MSA about Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requesting MSA about Movement Download Answer
Task Type	Send task

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Description	The Movement Download Answer (IE785:C_DOW_RES) is sent to the Requesting MSA.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	C_DOW_RES
Output Data	
Previous Objects	Record Movement Download Answer
Information Exchange	movement download answer
Requirements	ACO_FUR_0011
Data Set	
Events	
State	

Table 5.281: Task Notify Requesting MSA about Movement Download Answer

Task Identify whether it is a status synchronisation request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify whether it is a status synchronisation request
Task Type	Service task
Description	<p>The Requested MSA identifies whether the "Status Request Message Type" field of the Movement Download Request (IE784) is present in the message.</p> <p>More specifically the data item "Status Request Message Type"</p> <ol style="list-style-type: none"> 1. either is not applicable in the case that the IE784 message is sent for a Status Request/Response scenario; or 2. will have the value "1" indicating that the Excise Officer of the Requesting MSA application is triggering a Status Synchronisation Request.
Actor	EMCS
Input Data	Status Request Message Type
Output Data	Result Identify whether it is a status synchronisation request
Previous Objects	Notify Requesting MSA about Movement Download Answer

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Information Exchange	
Requirements	ACO_FUR_0013
Data Set	
Events	
State	

Table 5.282: Task Identify whether it is a status synchronisation request

Task Handle validation results of Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Movement Download Answer
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	
Output Data	
Previous Objects	Perform validation of Movement Download Answer
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.283: Task Handle validation results of Movement Download Answer

Task Identify whether Requested MSA is desynchronised with Requesting MSA

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify whether Requested MSA is desynchronised with Requesting MSA
Task Type	Service task
Description	<p>The Requested MSA identifies whether the former is synchronised or not with the Requesting MSA.</p> <p>When a Status Synchronisation Request is performed (manual or automatic), the lost/delayed message is retransmitted.</p>

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	<p>The Requesting MSA application triggering the Status Synchronisation Request might either be synchronised with the Requested MSA application or desynchronised:</p> <p>* Scenario 1, Synchronised:</p> <p>If the Requesting and the Requested MSA applications are synchronised, it leads to the conclusion that the lost/delayed message has already been sent by the Requested MSA application. In this case, the Requesting MSA application after receiving the (alleged) lost/delayed message should ignore it, since it has already been processed;</p> <p>* Scenario 2, Desynchronised:</p> <p>If the Requesting and the Requested MSA applications are desynchronised, then the Requesting MSA application after receiving the lost/delayed message should process it in order to become synchronised with the Requested MSA application.</p>
Actor	EMCS
Input Data	Status
Output Data	Result Identify whether Requested MSA is desynchronised with Requesting MSA
Previous Objects	Is the request a status synchronisation request?
Information Exchange	
Requirements	ACO_FUR_0014
Data Set	
Events	
State	

Table 5.284: Task Identify whether Requested MSA is desynchronised with Requesting MSA

Event Refusal message sent to Requested MSA since Movement Download Answer message found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to Requested MSA since Movement Download Answer message found invalid
Event Type	End event
Description	A Refusal message (IE917/IE906) was sent to the Requested MSA since the Movement Download Answer (IE785) had been found invalid and the process ends at this point.
Previous Objects	What is the outcome of the handling of validation results of Movement Download Answer message?

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Table 5.285: Event Refusal message sent to Requested MSA since Movement Download Answer message found invalid

Event Movement Download Answer sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer sent
Event Type	End event
Description	The Movement Download Answer (IE785) is sent and no other message is intended to be sent since the Movement Download Request (IE784) is sent for a Status Request/Response scenario. The process ends at this point and Requesting MSA has received all the available information from the Requested MSA in the Movement Download Answer (IE785).
Previous Objects	Is the request a status synchronisation request?

Table 5.286: Event Movement Download Answer sent

Event Movement Download Answer message recorded since found valid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer message recorded since found valid
Event Type	Conditional intermediate event
Description	Movement Download Answer (IE785) was recorded by Requesting MSA application, since it has been found valid.
Previous Objects	What is the outcome of the handling of validation results of Movement Download Answer message?

Table 5.287: Event Movement Download Answer message recorded since found valid

Task Regenerate missing message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Regenerate missing message
Task Type	Service task
Description	<p>The Requested MSA regenerates the missing message, that is, the regenerated message (i.e. IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839, IE905) has the same message body but different message header than the lost/delayed message.</p> <p>More specifically the Correlation Identifier is Required for the resubmitted missing messages as a result of status synchronisation request (IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839, IE905*).</p>

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	<p>It does not apply for requests and one way messages.</p> <p>(*) An IE905 message can be a response message or a one way message (manual closure).</p> <p>In the former case, the field is Required.</p> <p>In the latter case, the field does not apply.</p> <p>However, the field is Required when an IE905 for manual closure is resubmitted as a result of status synchronisation request.</p>
Actor	EMCS
Input Data	ARC
Output Data	
Previous Objects	Is Requested MSA desynchronised with Requesting MSA?
Information Exchange	Missing message, sent from the Requested MSA (see IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839; IE905)
Requirements	ACO_FUR_0015
Data Set	
Events	
State	

Table 5.288: Task Regenerate missing message

Event Movement Download Answer sent and MSAs (Requested and Requesting) found to be synchronised

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer sent and MSAs (Requested and Requesting) found to be synchronised
Event Type	End event
Description	<p>The process ends at this point and Requesting MSA has received all the available information from the Requested MSA in the Movement Download Answer (IE785).</p> <p>Although the "Status Request Message Type" item has value "1", no additional message is intended to be sent since the two MSAs (Requested and Requesting) are synchronised based on the examined information of the Movement Download Request (IE784).</p>
Previous Objects	Is Requested MSA desynchronised with Requesting MSA?

Table 5.289: Event Movement Download Answer sent and MSAs (Requested and Requesting) found to be synchronised

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Event No message received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	No message received
Event Type	Conditional intermediate event
Description	<p>No message is received by Requesting MSA.</p> <p>This intermediate event could be addressed in the following two business cases:</p> <p>a. In the case when Movement Download Answer (IE785) is received and the Requested MSA has identified that the two MSAs are already synchronised, which implies that the lost/delayed message is not sent by the Requested MSA again; OR</p> <p>b. In the case when Movement Download Answer (IE785) is received and the Requested MSA considers the ARC as unknown, which implies that there is no available last lost/delayed message to be sent; OR</p> <p>c. In the case when Movement Download Answer (IE785) is not expected to be followed by the last lost/delayed message, since in the Movement Download Request (IE784) the "Status Request Message Type" field is not applicable.</p>
Previous Objects	Movement Download Answer message recorded since found valid

Table 5.290: Event No message received

Event Missing message, sent from the Requested MSA, received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Missing message, sent from the Requested MSA, received
Event Type	Message intermediate event (catch)
Description	<p>Missing message (IEZZZ), sent from the Requested MSA, is received. As a result last message, sent from the Requested MSA and considered as missing is received.</p> <p>Each of the following messages could be possibly received as a missing message, IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839, IE905.</p>
Previous Objects	<p>Notify Requesting MSA of missing message</p> <p>Movement Download Answer message recorded since found valid</p>

Table 5.291: Event Missing message, sent from the Requested MSA, received

Task Acknowledge Movement Download Answer and missing message, if applicable

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Movement Download Answer and missing message, if applicable
Task Type	User task
Description	The Excise Officer is informed for the Movement Download Answer and missing message, if applicable.
Actor	Excise officer
Input Data	C_DOW_RES
Output Data	C_DOW_RES
Previous Objects	Is the request triggered manually or automatically?
Information Exchange	Missing message, sent from the Requested MSA (see IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839; IE905) Missing message, sent from the Requested MSA (see IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839; IE905)
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.292: Task Acknowledge Movement Download Answer and missing message, if applicable

Task Notify Requesting MSA of missing message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requesting MSA of missing message
Task Type	Send task
Description	The Requested MSA notifies the Requesting MSA of the missing message (see IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839, IE905)
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Regenerate missing message
Information Exchange	Missing message, sent from the Requested MSA (see IE801, IE803, IE807, IE810, IE813, IE818, IE819, IE829, IE839; IE905) Missing message, sent from the Requested MSA (see IE801, IE803,

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	IE807, IE810, IE813, IE818, IE819, IE829, IE839; IE905)
Requirements	ACO_FUR_0016
Data Set	
Events	
State	

Table 5.293: Task Notify Requesting MSA of missing message

Event Movement Download Answer and missing message if applicable received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer and missing message if applicable received
Event Type	End event
Description	<p>The Movement Download Answer (IE785) and the missing message (IEZZZ) are received consecutively.</p> <p>The Excise Officer is informed for the Movement Download Answer and the missing message, if applicable.</p> <p>The process ends at this point and Requesting MSA has received all the available information from the Requested MSA in the Movement Download Answer (IE785) and the missing message (IEZZZ).</p> <p>Upon the reception of the missing message (IEZZZ) the relevant Business Processes are triggered respectively.</p>
Previous Objects	Acknowledge Movement Download Answer and missing message, if applicable

Table 5.294: Event Movement Download Answer and missing message if applicable received

Event Movement Download Answer and missing message if applicable recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer and missing message if applicable recorded
Event Type	End event
Description	<p>The Movement Download Answer (IE785) and the missing message (IEZZZ) are received consecutively.</p> <p>The process ends at this point and Requesting MSA has received all the available information from the Requested MSA in the Movement Download Answer (IE785) and the missing message (IEZZZ).</p> <p>Upon the reception of the missing message (IEZZZ) the relevant Business Processes are triggered respectively.</p>

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Previous Objects	Is the request triggered manually or automatically?
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Table 5.295: Event Movement Download Answer and missing message if applicable recorded

Event Movement Download Answer and missing message sent since MSAs (Requested and Requesting) found to be desynchronised

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer and missing message sent since MSAs (Requested and Requesting) found to be desynchronised
Event Type	End event
Description	The Movement Download Answer (IE785) and the Missing message (IEZZZ) sent to Requesting MSA since MSAs (Requested and Requesting) were found to be desynchronised.
Previous Objects	Notify Requesting MSA of missing message

Table 5.296: Event Movement Download Answer and missing message sent since MSAs (Requested and Requesting) found to be desynchronised

5.12. Process L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query)

5.12.1. Objective of Process

The purpose of this process is to describe the electronic flow for requesting to retrieve an e-AD/e-SAD either inside the national MSA or in a remote MSA, based on a combination of search criteria. It shall be noted that the outcome of such queries may return data related to different types of movements (i.e. duty suspension or duty paid B2B).

The process is triggered when an Official in a MSA decides to retrieve an e-AD/e-SAD. For this reason, the MSA Official builds his query giving the supposed initiator MSA of the searched e-AD/e-SAD(s) and a series of query criteria concerning one or several of the fields describing the movement and registers it to its national MSA (National (Requestor) MSA).

After receiving the aforementioned query for an e-AD/e-SAD, the National (Requestor) MSA stores it, and determines which MSA initiated the e-AD/e-SAD. It might be the case that the Initiator MSA is the National (Requestor) MSA itself. In that case, the same application plays both roles and the National (Requestor) MSA will handle the query itself; thus no request is submitted to another MSA. This process ends at this point and the continuation of the flow of the concerned query takes place at EMCS through the process “L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)”.

Otherwise, the National (Requestor) MSA builds a Common Request message for the specific e-AD/e-SAD, taking into consideration the query criteria defined by the MSA Official and after storing it, sends the Common Request to the Initiator MSA.

The Initiator MSA receives the Common Request, performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively).

Afterwards, the Initiator MSA determines whether the Common Request has been found valid or not. In the former case, the Common Request has already been stored by the Initiator MSA (in the context of process “L4-CORE-01-05”) and this process ends at this point. The continuation of the flow of the concerned query takes place at EMCS through the process “L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)”.

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Otherwise, a refusal message has already been sent to the National (Requestor) MSA for the receipt of an invalid Common Request (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Common Request.

5.12.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-19
Full Name	General query to retrieve an e-AD/e-SAD (Query)
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.297: Process Details

5.12.3. Tasks and Events

Event MSA Official decided to retrieve an e-AD/e-SAD

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	MSA Official decided to retrieve an e-AD/e-SAD
Event Type	Start event
Description	The MSA Official decided to initiate a query in order to retrieve an e-AD/e-SAD.
Previous Objects	

Table 5.298: Event MSA Official decided to retrieve an e-AD/e-SAD

Task Register Query for an e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Query for an e-AD/e-SAD
Task Type	User task
Description	The MSA Official, initiates an e-AD/e-SAD query, providing the supposed Initiator MSA of the searched e-AD/e-SAD(s) and a combination of search criteria.
Actor	MSA Official
Input Data	E-AD/E-SAD LIST REQUEST ATTRIBUTES for IE701

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Output Data	ATTRIBUTES for IE701 E-AD/E-SAD LIST REQUEST
Previous Objects	MSA Official decided to retrieve an e-AD/e-SAD
Information Exchange	
Requirements	ACO_FUR_0002
Data Set	
Events	
State	

Table 5.299: Task Register Query for an e-AD/e-SAD

Task Record Query for an e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Query for an e-AD/e-SAD
Task Type	Service task
Description	The query for an e-AD/e-SAD is stored by the National (Requestor) MSA.
Actor	EMCS
Input Data	E-AD/E-SAD LIST REQUEST ATTRIBUTES for IE701
Output Data	ATTRIBUTES for IE701 E-AD/E-SAD LIST REQUEST
Previous Objects	Register Query for an e-AD/e-SAD
Information Exchange	
Requirements	ACO_FUR_0004
Data Set	
Events	
State	

Table 5.300: Task Record Query for an e-AD/e-SAD

Task Identify if the National (Requestor) MSA is the Initiator MSA

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the National (Requestor) MSA is the Initiator MSA

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Task Type	Service task
Description	The National (Requestor) MSA determines which MSA initiated the e-AD/e-SAD. The Initiator MSA may be the National (Requestor) MSA itself; in that case, the same application plays both roles and no request is submitted to the Initiator MSA.
Actor	EMCS
Input Data	Member State Code
Output Data	Result Identify if the National (Requestor) MSA is the Initiator MSA
Previous Objects	Record Query for an e-AD/e-SAD
Information Exchange	
Requirements	ACO_FUR_0012
Data Set	
Events	
State	

Table 5.301: Task Identify if the National (Requestor) MSA is the Initiator MSA

Task Build Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Common Request
Task Type	Service task
Description	The National (Requestor) MSA, taking into consideration the query of the MSA Official, builds the Common Request message.
Actor	EMCS
Input Data	E-AD/E-SAD LIST REQUEST ATTRIBUTES for IE701
Output Data	C_REQ_SUB
Previous Objects	Is National (Requestor) MSA the Initiator MSA?
Information Exchange	
Requirements	ACO_FUR_0018
Data Set	

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Events	
State	

Table 5.302: Task Build Common Request

Task Record Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Common Request
Task Type	Service task
Description	The Common Request message is stored.
Actor	EMCS
Input Data	C_REQ_SUB
Output Data	C_REQ_SUB
Previous Objects	Build Common Request
Information Exchange	
Requirements	ACO_FUR_0019
Data Set	
Events	
State	

Table 5.303: Task Record Common Request

Task Notify Initiator MSA about Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Initiator MSA about Common Request
Task Type	Send task
Description	The National (Requestor) MSA sends the Common Request message to the Initiator MSA.
Actor	EMCS
Input Data	C_REQ_SUB
Output Data	
Previous Objects	Record Common Request
Information Exchange	common request

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Requirements	ACO_FUR_0020
Data Set	
Events	
State	

Table 5.304: Task Notify Initiator MSA about Common Request

Event Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the same as the Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the same as the Initiator MSA
Event Type	End event
Description	This process ends at the National (Requestor) MSA with the receipt of a query for an e-AD/e-SAD for which it has been identified that the National (Requestor) MSA is the same with the Initiator MSA.
Previous Objects	Is National (Requestor) MSA the Initiator MSA?

Table 5.305: Event Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the same as the Initiator MSA

Event Common Request Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Common Request Sent
Event Type	End event
Description	This process ends at the National (Requestor) MSA with the submission of a Common Request for an e-AD/e-SAD to the Initiator MSA.
Previous Objects	Notify Initiator MSA about Common Request

Table 5.306: Event Common Request Sent

Event Common Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Common Request Received
Event Type	Message start event
Description	A Common Request message is received by the Initiator MSA.

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Previous Objects	Notify Initiator MSA about Common Request
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Table 5.307: Event Common Request Received

Task Perform Validation of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Common Request
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Common Request Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.308: Task Perform Validation of Common Request

Task Handle Validation Results of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Common Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of Common Request
Information Exchange	
Requirements	
Data Set	
Events	

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State	
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Table 5.309: Task Handle Validation Results of Common Request

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Common Request
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.310: Task Identify if the message is found valid

Event Common Request Recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Common Request Recorded

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Event Type	Conditional intermediate event
Description	Common Request has been recorded.
Previous Objects	Message found valid?

Table 5.311: Event Common Request Recorded

Event Common Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Common Request Received
Event Type	End event
Description	This process ends with the receipt of a valid Common Request message.
Previous Objects	Common Request Recorded

Table 5.312: Event Common Request Received

Event Refusal Message sent to National (Requestor) MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to National (Requestor) MSA
Event Type	End event
Description	This process ends without storing the Common Request, while a refusal message has been sent by the Initiator MSA to the National (Requestor) MSA, for the receipt of an invalid Common Request.
Previous Objects	Message found valid?

Table 5.313: Event Refusal Message sent to National (Requestor) MSA

5.13. Process L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)

5.13.1. Objective of Process

The purpose of this process is to describe the electronic flow for replying to a query for an e-AD/e-SAD. It shall be noted that the outcome of such queries may return data related to different types of movements (i.e. duty suspension or duty paid B2B).

The process is triggered due to the receipt of a query for an e-AD/e-SAD by the National (Requestor) MSA, as detailed in process “L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query)”.

In the case that it has been identified that the National (Requestor) MSA is the same with the Initiator MSA, i.e. no request has been sent to another MSA, the National (Requestor) MSA retrieves the locally available list of summaries of the e-AD/e-SAD(s) that match with the submitted criteria and therefore the MSA Official that initiated the respective query is informed accordingly.

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Otherwise, the Initiator MSA that has already received a respective Common Request message from the National (Requestor) MSA determines whether the query indicated in the Common Request returns any results or not.

The aforementioned query might not return any results, either if no e-AD/e-SAD matches the search criteria or if the maximum limit of retrieved e-AD/e-SAD(s) has been reached or if the only e-AD/e-SAD that matches the query has been archived. In this case, the Initiator MSA builds a Refusal of Common Request message, stores it and sends it to the National (Requestor) MSA.

Otherwise, the Initiator MSA builds a List of e-AD/e-SAD message including a list of summaries of the e-AD/e-SAD(s) that match with the submitted criteria and after storing it, sends it to the National (Requestor) MSA.

The National (Requestor) MSA receives therefore either a Refusal of Common Request message or a List of e-AD/e-SAD message.

In the first case that a Refusal of Common Request is received, the National (Requestor) MSA performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively). Afterwards, the National (Requestor) MSA determines whether the Refusal of Common Request has been found valid or not. In the latter case, a refusal message has already been sent to the Initiator MSA for the receipt of an invalid Refusal of Common Request (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the Refusal of Common Request. Otherwise, the Refusal of Common Request has already been stored by the National (Requestor) MSA (in the context of process “L4-CORE-01-05”) and the MSA Official, that initiated the respective query, is informed accordingly of the refusal of the query of an e-AD/e-SAD.

In the case that a List of e-AD/e-SAD is received, the National (Requestor) MSA performs the required validations and handles the results of these validations (for a detailed description of the respective processes, please refer to “L4-CORE-01-03” and “L4-CORE-01-05” respectively). Afterwards, the MSA of Dispatch determines whether the List of e-AD/e-SAD has been found valid or not. In the latter case, a refusal message has already been sent to the Initiator MSA for the receipt of an invalid List of e-AD/e-SAD (in the context of process “L4-CORE-01-05”) and the process ends at this point without storing the List of e-AD/e-SAD message. Otherwise, the List of e-AD/e-SAD has already been stored by the National (Requestor) MSA (in the context of process “L4-CORE-01-05”) and the MSA Official, that initiated the respective query, is informed accordingly about the list of e-AD/e-SAD(s).

The process ends with:

a. The receipt of a refusal of the query of an e-AD/e-SAD by the Requesting MSA; the MSA Official that initiated the query is informed accordingly.

If too many e-AD/e-SAD(s) were found, the MSA Official may refine his search by restarting the query with complementary criteria; OR

b. The receipt of a list of e-AD/e-SAD(s) by the Requesting MSA i.e. a list of summaries of the e-AD/e-SADs that match with the submitted criteria; the MSA Official that initiated the query is informed accordingly.

From the retrieved list, the MSA Official selects the relevant e-AD/e-SAD to consult it locally (if it is available) or to download it through “L4-ACO-01-21-Download of an e-AD/e-SAD (Query)”.

5.13.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-20
Full Name	General query to retrieve an e-AD/e-SAD (Results)
Assumptions	N/A
Constraints	No constraints.

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L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.314: Process Details

5.13.3. Tasks and Events

Event Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the Initiator MSA
Event Type	Conditional start event
Description	A query for an e-AD/e-SAD has been received by the National (Requestor) MSA and it has been identified that the National (Requestor) MSA is the same with the Initiator MSA.
Previous Objects	

Table 5.315: Event Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the Initiator MSA

Event List of e-AD/e-SAD Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	List of e-AD/e-SAD Received
Event Type	Message start event
Description	A List of e-AD/e-SAD message is received.
Previous Objects	Notify National (Requestor) MSA about List of e-AD/e-SAD

Table 5.316: Event List of e-AD/e-SAD Received

Event Refusal of Common Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal of Common Request Received
Event Type	Message start event
Description	A Refusal of Common Request message is received.
Previous Objects	Notify National (Requestor) MSA about Refusal of Common Request

Table 5.317: Event Refusal of Common Request Received

Task Perform Validation of List of e-AD/e-SAD

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of List of e-AD/e-SAD
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	List of e-AD/e-SAD Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.318: Task Perform Validation of List of e-AD/e-SAD

Task Retrieve locally available list of e-ADs/e-SADs

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Retrieve locally available list of e-ADs/e-SADs
Task Type	Service task
Description	The list of summaries of the e-ADs/e-SADs that match with the submitted criteria is retrieved by the National (Requestor) MSA.
Actor	EMCS
Input Data	E-AD/E-SAD LIST REQUEST ATTRIBUTES for IE701
Output Data	C_LST_VAL
Previous Objects	Query for an e-AD/e-SAD Received and the National (Requestor) MSA is the Initiator MSA
Information Exchange	
Requirements	ACO_FUR_0039
Data Set	
Events	
State	

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Table 5.319: Task Retrieve locally available list of e-ADs/e-SADs

Task Perform Validation of Refusal of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Refusal of Common Request
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Refusal of Common Request Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.320: Task Perform Validation of Refusal of Common Request

Task Identify if Query returns results

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if Query returns results
Task Type	Service task
Description	<p>The Initiator MSA checks if the query indicated in the Common Request returns any results.</p> <p>The aforementioned query might not return any results if any of the following cases applies:</p> <ul style="list-style-type: none"> • No e-AD/e-SAD matches the search criteria; • The maximum limit of retrieved e-ADs/e-SADs has been reached.
Actor	EMCS
Input Data	C_REQ_SUB
Output Data	Result Identify if Query returns results
Previous Objects	Common Request Received

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Information Exchange	
Requirements	ACO_FUR_0022
Data Set	
Events	
State	

Table 5.321: Task Identify if Query returns results

Event Common Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Common Request Received
Event Type	Start event
Description	A Common Request has been received.
Previous Objects	

Table 5.322: Event Common Request Received

Task Build a List of e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build a List of e-AD/e-SAD
Task Type	Service task
Description	Based on the results of the query the Initiator MSA builds a List of e-AD/e-SAD. The query returns a list of summaries of the e-ADs/e-SADs that match with the submitted criteria.
Actor	EMCS
Input Data	EXCISE MOVEMENT C_REQ_SUB Result Identify if Query returns results
Output Data	C_LST_VAL
Previous Objects	Does Query return results?
Information Exchange	
Requirements	ACO_FUR_0036
Data Set	

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Events	
State	

Table 5.323: Task Build a List of e-AD/e-SAD

Task Record List of e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record List of e-AD/e-SAD
Task Type	Service task
Description	The List of e-AD/e-SAD is stored.
Actor	EMCS
Input Data	C_LST_VAL
Output Data	C_LST_VAL
Previous Objects	Build a List of e-AD/e-SAD
Information Exchange	
Requirements	ACO_FUR_0037
Data Set	
Events	
State	

Table 5.324: Task Record List of e-AD/e-SAD

Task Handle Validation Results of List of e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of List of e-AD/e-SAD
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of List of e-AD/e-SAD
Information Exchange	
Requirements	

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Data Set	
Events	
State	

Table 5.325: Task Handle Validation Results of List of e-AD/e-SAD

Task Build Refusal of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Refusal of Common Request
Task Type	Service task
Description	If any of the aforementioned cases applies, the Initiator MSA responds with a Refusal of Common Request message.
Actor	EMCS
Input Data	Result Identify if Query returns results C_REQ_SUB
Output Data	C_REQ_REF
Previous Objects	Does Query return results?
Information Exchange	
Requirements	ACO_FUR_0033
Data Set	
Events	
State	

Table 5.326: Task Build Refusal of Common Request

Task Handle Validation Results of Refusal of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of Refusal of Common Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of Refusal of Common Request

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Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.327: Task Handle Validation Results of Refusal of Common Request

Task Record Refusal of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Refusal of Common Request
Task Type	Service task
Description	The Refusal of Common Request is stored.
Actor	EMCS
Input Data	C_REQ_REF
Output Data	C_REQ_REF
Previous Objects	Build Refusal of Common Request
Information Exchange	
Requirements	ACO_FUR_0034
Data Set	
Events	
State	

Table 5.328: Task Record Refusal of Common Request

Task Notify National (Requestor) MSA about List of e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify National (Requestor) MSA about List of e-AD/e-SAD
Task Type	Send task
Description	The List of e-AD/e-SAD is sent to the National (Requestor) MSA.
Actor	EMCS
Input Data	C_LST_VAL
Output Data	

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Previous Objects	Record List of e-AD/e-SAD
Information Exchange	list of e-AD/e-SAD as result of a general query
Requirements	ACO_FUR_0038
Data Set	
Events	
State	

Table 5.329: Task Notify National (Requestor) MSA about List of e-AD/e-SAD

Task Notify National (Requestor) MSA about Refusal of Common Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify National (Requestor) MSA about Refusal of Common Request
Task Type	Send task
Description	The Refusal of Common Request is sent to the National (Requestor) MSA.
Actor	EMCS
Input Data	C_REQ_REF
Output Data	
Previous Objects	Record Refusal of Common Request
Information Exchange	refusal of common request
Requirements	ACO_FUR_0035
Data Set	
Events	
State	

Table 5.330: Task Notify National (Requestor) MSA about Refusal of Common Request

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.

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Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of List of e-AD/e-SAD
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.331: Task Identify if the message is found valid

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)

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	L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of Refusal of Common Request
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.332: Task Identify if the message is found valid

Event List of e-AD/e-SAD Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	List of e-AD/e-SAD Sent
Event Type	End event
Description	The process ends at the Initiator MSA with the submission of a list of summaries of the e-ADs/e-SADs that match with the submitted criteria to the National (Requestor) MSA.
Previous Objects	Notify National (Requestor) MSA about List of e-AD/e-SAD

Table 5.333: Event List of e-AD/e-SAD Sent

Task Acknowledge Refusal of Query for an e-AD/e-SAD

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Refusal of Query for an e-AD/e-SAD
Task Type	User task
Description	The Requesting MSA Official is informed of the refusal of the query of an e-AD/e-SAD.
Actor	MSA Official

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Input Data	C_REQ_REF
Output Data	C_REQ_REF
Previous Objects	Refusal of Common Request Recorded
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.334: Task Acknowledge Refusal of Query for an e-AD/e-SAD

Event Refusal of Common Request Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal of Common Request Sent
Event Type	End event
Description	The process ends at the Initiator MSA with the submission of a Refusal of Common Request to the National (Requestor) MSA.
Previous Objects	Notify National (Requestor) MSA about Refusal of Common Request

Table 5.335: Event Refusal of Common Request Sent

Task Acknowledge list of e-ADs/e-SADs

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge list of e-ADs/e-SADs
Task Type	User task
Description	The MSA Official is informed about the list of e-ADs/e-SADs.
Actor	MSA Official
Input Data	C_LST_VAL
Output Data	C_LST_VAL
Previous Objects	List of e-AD/e-SAD Recorded Retrieve locally available list of e-ADs/e-SADs
Information Exchange	

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Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.336: Task Acknowledge list of e-ADs/e-SADs

Event Query of an e-AD/e-SAD Refused

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Query of an e-AD/e-SAD Refused
Event Type	End event
Description	<p>This process ends with the receipt of a refusal of the query of an e-AD/e-SAD by the Requesting MSA.</p> <p>When deemed necessary the MSA Official that is informed accordingly may request archived/historical data to be retrieved and the continuation of the flow may take place at EMCS through the process “L4-ACO-01-05”.</p> <p>If too many e-ADs/e-SADs were found, the MSA Official may refine his search by restarting the query with complementary criteria.</p>
Previous Objects	Acknowledge Refusal of Query for an e-AD/e-SAD

Table 5.337: Event Query of an e-AD/e-SAD Refused

Event List of e-AD/e-SAD Recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	List of e-AD/e-SAD Recorded
Event Type	Conditional intermediate event
Description	The List of e-ADs has been stored.
Previous Objects	Message found valid?

Table 5.338: Event List of e-AD/e-SAD Recorded

Event Refusal of Common Request Recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal of Common Request Recorded
Event Type	Conditional intermediate event

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Description	Refusal of Common Request has been stored.
Previous Objects	Message found valid?

Table 5.339: Event Refusal of Common Request Recorded

Event Refusal message Sent to Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message Sent to Initiator MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent by the National (Requestor) MSA to the Initiator MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)
Previous Objects	Message found valid?

Table 5.340: Event Refusal message Sent to Initiator MSA

Event Refusal message Sent to Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message Sent to Initiator MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent by the National (Requestor) MSA to the Initiator MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)
Previous Objects	Message found valid?

Table 5.341: Event Refusal message Sent to Initiator MSA

Event List of e-ADs/e-SADs Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	List of e-ADs/e-SADs Received
Event Type	End event

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Description	<p>This process ends with the receipt of a list of e-ADs/e-SADs by the MSA Official that initiated the query.</p> <p>The query returns a list of summaries of the e-ADs/e-SADs that match with the submitted criteria. From the retrieved list, the requesting MSA Official selects the relevant e-AD/e-SADs to consult it locally (if it is available) or to download it through L4-ACO-01-21.</p>
Previous Objects	Acknowledge list of e-ADs/e-SADs

Table 5.342: Event List of e-ADs/e-SADs Received

5.14. Process L4-ACO-01-21-Download of an e-AD/e-SAD (Query)

5.14.1. Objective of Process

The purpose of this process is to describe the electronic flow for retrieving movement data relative to an e-AD/e-SAD.

The function remains available during the whole time window commonly agreed by the Member States, i.e. at least three years after the date of submission of the e-AD/e-SAD (See Article 21(1) of Regulation (EU) No 389/2012).

The process is triggered when an Official in a MSA decides to download all records concerning a given e-AD/e-SAD, in the case where this e-AD/e-SAD has not already been communicated to him/her or if there is a need for resynchronization. For this reason the MSA Official registers a specific query to its MSA application (Requesting MSA), providing the ARC of the searched e-AD/e-SAD.

After receiving the aforementioned movement download request, the Requesting MSA stores it and determines which MSA initially validated the e-AD/e-SAD (it is the MSA of which the Member State code appears in characters 3 and 4 of the ARC). It might be the case that the Initiator MSA is the Requesting MSA itself. In that case, the same application plays both roles and the Requesting MSA will handle the request itself; thus no request will be submitted to another MSA.

If the Initiator MSA is in another Member State, then that MSA will be notified of the Movement Download Request by sending message IE784:C_DOW_SUB. After receiving the Movement Download Request, the Initiator MSA will perform its validation and handle the validation results. If the message is found valid, it will be stored by the Initiator MSA. If the message is found invalid, then a refusal message will be sent to the Requesting MSA. If this process ends with the successful receipt of the Movement Download Request, the continuation of the flow of the concerned query will take place at EMCS through the process “L4-ACO-01-22-Download of an e-AD/e-SAD (Results)”.

It shall be noted that there is no obligation for the Member States to store and archive messages that were rejected due to a syntactic error. However, when technically possible (e.g. valid IT structure and format), rejected messages might represent decisions of Member States Administration and should be stored and archived in the same way as valid messages. In particular, the information concerning movements of excise goods should be stored and archived for the same duration as valid messages. Rejected messages do not have to be automatically retrievable (i.e. they could be retrieved only via an ACO request).

5.14.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-21

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Full Name	Download of an e-AD/e-SAD (Query)
Assumptions	<p>*The model include references only to the messages' IDs (e.g. IE784, IE785 and IE838) and messages' names (e.g. "movement download request", "movement download answer" and "history of a movement") available in the Excise BPMs and artefacts.</p> <ul style="list-style-type: none"> It shall be noted that there is no obligation for the Member States to store and archive messages that were rejected due to a syntactic error. However, when technically possible (e.g. valid IT structure and format), rejected messages might represent decisions of Member States Administration and should be stored and archived in the same way as valid messages. In particular, the information concerning movements of excise goods should be stored and archived for the same duration as valid messages. Rejected messages do not have be automatically retrievable (i.e. they could be retrieved only via an ACO request).
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.343: Process Details

5.14.3. Tasks and Events

Event MSA Official decided to download all records concerning an e-AD/e-SAD

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	MSA Official decided to download all records concerning an e-AD/e-SAD
Event Type	Start event
Description	The MSA Official decides to initiate a search for movement data relative to an e-AD/e-SAD in the case where this e-AD/e-SAD has not already been communicated to them or if there is a need for re-synchronisation.
Previous Objects	

Table 5.344: Event MSA Official decided to download all records concerning an e-AD/e-SAD

Task Register draft Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register draft Movement Download Request
Task Type	User task

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Description	The MSA official registers his query providing the ARC of the searched e-AD/e-SAD by submitting a search message to his MSA application.
Actor	MSA Official
Input Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784
Output Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784
Previous Objects	MSA Official decided to download all records concerning an e-AD/e-SAD
Information Exchange	
Requirements	ACO_FUR_0023
Data Set	
Events	
State	

Table 5.345: Task Register draft Movement Download Request

Task Record draft Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record draft Movement Download Request
Task Type	Service task
Description	The Movement Download Request for the specific e-AD/e-SAD is stored by EMCS.
Actor	EMCS
Input Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784
Output Data	ATTRIBUTES for IE784 EXCISE MOVEMENT e-AD/e-SAD for IE784
Previous Objects	Register draft Movement Download Request
Information Exchange	
Requirements	ACO_FUR_0024
Data Set	
Events	

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PROCESS MODELS

State	
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Table 5.346: Task Record draft Movement Download Request

Task Identify if the Requesting MSA is the Initiator MSA

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the Requesting MSA is the Initiator MSA
Task Type	Service task
Description	EMCS determines which MSA initially validated the e-AD/e-SAD (it is the MSA of which the Member State code appears in characters 3 and 4 of the ARC). The Initiator MSA may be the Requesting MSA itself; in that case, no request is submitted to the Initiator MSA.
Actor	EMCS
Input Data	ARC
Output Data	Result Identify if the Requesting MSA is the Initiator MSA
Previous Objects	Record draft Movement Download Request
Information Exchange	
Requirements	ACO_FUR_0025
Data Set	
Events	
State	

Table 5.347: Task Identify if the Requesting MSA is the Initiator MSA

Task Build Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Movement Download Request
Task Type	Service task
Description	EMCS, taking into consideration the query of the MSA Official, builds the Movement Download Request message (IE784:C_DOW_SUB).
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	EXCISE MOVEMENT e-AD/e-SAD for IE784 ATTRIBUTES for IE784

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Output Data	C_DOW_SUB
Previous Objects	Is Requesting MSA the Initiator MSA?
Information Exchange	
Requirements	ACO_FUR_0005
Data Set	
Events	
State	

Table 5.348: Task Build Movement Download Request

Task Record Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Movement Download Request
Task Type	Service task
Description	The Movement Download Request message (IE784:C_DOW_SUB) is stored by EMCS.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	C_DOW_SUB
Output Data	C_DOW_SUB
Previous Objects	Build Movement Download Request
Information Exchange	
Requirements	ACO_FUR_0006
Data Set	
Events	
State	

Table 5.349: Task Record Movement Download Request

Task Notify Initiator MSA about Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Initiator MSA about Movement Download Request

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Task Type	Send task
Description	EMCS sends the Movement Download Request message (IE784:C_DOW_SUB) to the Initiator MSA (it is the MSA of which the Member State code appears in the third and fourth characters of the ARC).
Actor	EMCS
Input Data	C_DOW_SUB
Output Data	
Previous Objects	Record Movement Download Request
Information Exchange	movement download request
Requirements	ACO_FUR_0026
Data Set	
Events	
State	

Table 5.350: Task Notify Initiator MSA about Movement Download Request

Event Movement Download Request received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request received
Event Type	Message start event
Description	The Initiator MSA application has received the Movement Download Request message (IE784:C_REQ_SUB).
Previous Objects	Notify Initiator MSA about Movement Download Request

Table 5.351: Event Movement Download Request received

Task Perform validation of Movement Download Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Movement Download Request
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	Initiator MSA

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Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	
Output Data	
Previous Objects	Movement Download Request received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.352: Task Perform validation of Movement Download Request

Event Movement Download Request Received and the Requesting MSA is the Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request Received and the Requesting MSA is the Initiator MSA
Event Type	End event
Description	This process ends at the Requesting MSA with the receipt of a Movement Download Request (IE784:C_DOW_SUB) of a specific e-AD/e-SAD for which it has been identified that the Requesting MSA itself is in fact the Initiator MSA.
Previous Objects	Is Requesting MSA the Initiator MSA?

Table 5.353: Event Movement Download Request Received and the Requesting MSA is the Initiator MSA

Event Movement Download Request Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request Sent
Event Type	End event
Description	This process ends at the Requesting MSA with the submission of a Movement Download Request (IE784:C_DOW_SUB) of a specific e-AD/e-SAD to the Initiator MSA.
Previous Objects	Notify Initiator MSA about Movement Download Request

Table 5.354: Event Movement Download Request Sent

Task Handle validation results of Movement Download Request

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Movement Download Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	Initiator MSA
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	
Output Data	
Previous Objects	Perform validation of Movement Download Request
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.355: Task Handle validation results of Movement Download Request

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	Initiator MSA
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully

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PROCESS MODELS

Output Data	Result Identify if the message is found valid
Previous Objects	Handle validation results of Movement Download Request
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.356: Task Identify if the message is found valid

Event Movement Download Request recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request recorded
Event Type	Conditional intermediate event
Description	The Initiator MSA stores the Movement Download Request message (IE784:C_REQ_SUB) after its successful validation.
Previous Objects	Message found valid?

Table 5.357: Event Movement Download Request recorded

Event Movement Download Request received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request received
Event Type	End event
Description	
Previous Objects	Movement Download Request recorded

Table 5.358: Event Movement Download Request received

Event Refusal Message sent to Requesting MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to Requesting MSA
Event Type	End event

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Description	This process ends without storing the message, while a refusal message has been sent to the Requesting MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-02-Administrative cooperation-Deadline for results
Previous Objects	Message found valid?

Table 5.359: Event Refusal Message sent to Requesting MSA

5.15. Process L4-ACO-01-22-Download of an e-AD/e-SAD (Results)

5.15.1. Objective of Process

The purpose of this process is to describe the electronic flow for replying to a Movement Download Request. The process is triggered by Movement Download Request initiated by the Requesting MSA, as detailed in process “L4-ACO-01-21-Download of an e-AD/e-SAD (Query)”.

In the case when it has been identified that the Requesting MSA itself is the Initiator MSA, i.e. no request has been sent to another MSA, the Requesting MSA retrieves the locally available records concerning the given e-AD/e-SAD and the MSA Official that initiated the respective request is informed accordingly.

Otherwise, the Initiator MSA that has already received a respective Movement Download Request message from the Requesting MSA first sends a results message (IE785) with the following information

1. the ARC provided by the MSA official of the Requesting MSA application;
 2. the status:
 - *indicating the state of the specific movement in the Initiator MSA application;
 - *otherwise, when the specific ARC is unknown to the Requesting MSA application, it is set to "None";
 3. the last received message type:
 - *indicating the number of the last message sent from the Requesting MSA application and received by the Initiator MSA application for the specific ARC;
 - *otherwise, when the specific ARC is unknown to the Initiator MSA application or when the Initiator MSA application has not received a business message from the Requesting MSA application, it is set to "None";
- If a national movement related to the requested ARC exists, then the local state of this movement must be provided. The initiator MSA may also provide additional information on a voluntary basis.

Additionally, if the e-AD/e-SAD was retrieved, the Initiator MSA application builds the history message of the movement (IE838:C_HIS_VAL) including the successive states of the e-AD/e-SAD as well as all attached reports of receipt, of control and of event. It sends the history message (IE838:C_HIS_VAL) back to the Requesting MSA.

In case any national movements exist related to the retrieved ARC, the initiator MSA can include the messages for national movements in the history message (IE838:C_HIS_VAL). The pre-condition is that these national messages should first be translated into the Common Domain messages type and format.

If no e-AD/e-SAD is retrieved no history message (IE838:C_HIS_VAL) is sent. This is an indication that the ARC is not known or that the e-AD/e-SAD is no more available on line.

This latter happens after the commonly agreed time window for consultation of movement data. Each Member State shall keep the information concerning movements of excise goods within the Union and the records contained in the national registers referred to in Article 19 of the Council Regulation (EC) No 389/2012, for

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at least five years from the end of the calendar year in which the movement began. That period may be limited to three years with respect to information entered into the national registers before 1 July 2012.

The Requesting MSA at its side, after handling the validation results of the Movement Download Answer message (IE785) received, examines the status that is indicated in it.

If the local state in the answer message (IE785) is 'None' the Requesting MSA expects no further response (history of the movement) from the Initiator MSA and this process ends at this point for the Requesting MSA.

Otherwise, the Requesting MSA expects the History of the Movement (IE838) from the Initiator MSA.

The Requesting MSA application receives, validates and registers the movement history (IE838:C_HIS_VAL) from the Initiator MSA. It forwards the movement history (IE838:C_HIS_VAL) to the MSA Official.

The process ends with the receipt of either the history of the movement or the information that the queried e-AD/e-SAD was not found online by the Requesting MSA. The MSA Official that initiated the respective request is informed accordingly.

5.15.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-22
Full Name	Download of an e-AD/e-SAD (Results)
Assumptions	<ul style="list-style-type: none"> The model include references only to the messages' IDs (e.g. IE784, IE785 and IE838) and messages' names (e.g. "Movement Download Request", "Movement Download Answer" and "History of a Movement") available in the Excise BPMs and artefacts.
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.360: Process Details

5.15.3. Tasks and Events

Event Movement Download Request Received and the Requesting MSA is the Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request Received and the Requesting MSA is the Initiator MSA
Event Type	Conditional start event
Description	A Movement Download Request of a specific e-AD has been received by the Requesting MSA and it has been identified that the Requesting MSA itself is in fact the Initiator MSA.
Previous Objects	

Table 5.361: Event Movement Download Request Received and the Requesting MSA is the Initiator MSA

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Event Movement Download Answer Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer Received
Event Type	Message start event
Description	A Movement Download Answer message (IE785:C_REQ_RES) is received.
Previous Objects	Notify Requesting MSA about Movement Download Answer

Table 5.362: Event Movement Download Answer Received

Task Perform validation of Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Movement Download Answer
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	
Output Data	
Previous Objects	Movement Download Answer Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.363: Task Perform validation of Movement Download Answer

Task Build Movement Download Answer indicating e-AD/e-SAD was found

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Movement Download Answer indicating e-AD/e-SAD was found
Task Type	Service task
Description	EMCS builds the Movement Download Answer message (IE785:C_DOW_RES) with the following information:

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	1. the ARC provided by the MSA official in the Requesting MSA application; 2. the status: *indicating the state of the specific movement in the Initiator MSA application; 3. the last received message type: *indicating the number of the last message sent from the Requesting MSA application and received by the Initiator MSA application for the specific ARC.
Actor	EMCS
Input Data	Result Identify if e-AD/e-SAD is available (online) C_DOW_SUB
Output Data	C_DOW_RES
Previous Objects	Is e-AD/e-SAD available online?
Information Exchange	
Requirements	ACO_FUR_0028
Data Set	
Events	
State	

Table 5.364: Task Build Movement Download Answer indicating e-AD/e-SAD was found

Task Identify if e-AD/e-SAD is available (online) at Initiator MSA

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if e-AD/e-SAD is available (online) at Initiator MSA
Task Type	Service task
Description	EMCS receives the query message (IE784:C_REQ_SUB). Therefore it checks whether the e-AD/e-SAD is available or not. If the e-AD/e-SAD is not found, this means either that the commonly agreed time for consultation of movement data has passed, and therefore the e-AD/e-SAD has been archived and is no more available online. When deemed necessary a MSA may request archived/historical data to be retrieved as defined in process "L4-ACO-AS-IS-01-07-Request for history information (Results)".
Actor	EMCS
Input Data	C_DOW_SUB
Output Data	Result Identify if e-AD/e-SAD is available (online)

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Previous Objects	Movement Download Request Received
Information Exchange	
Requirements	ACO_FUR_0027
Data Set	
Events	
State	

Table 5.365: Task Identify if e-AD/e-SAD is available (online) at Initiator MSA

Event Movement Download Request Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request Received
Event Type	Start event
Description	A Movement Download Request has been received.
Previous Objects	

Table 5.366: Event Movement Download Request Received

Task Handle validation results of Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Movement Download Answer
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	
Output Data	
Previous Objects	Perform validation of Movement Download Answer
Information Exchange	
Requirements	
Data Set	
Events	
State	

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Table 5.367: Task Handle validation results of Movement Download Answer

Task Build Movement Download Answer indicating e-AD/e-SAD was not found

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Movement Download Answer indicating e-AD/e-SAD was not found
Task Type	Service task
Description	EMCS builds the Movement Download Answer (IE785:C_DOW_RES) message conveying that the status of the movement is “None”, since the specific ARC is unknown to the Initiator MSA application and therefore the e-AD/e-SAD has not been found online.
Actor	EMCS
Input Data	C_DOW_SUB Result Identify if e-AD/e-SAD is available (online)
Output Data	C_DOW_RES
Previous Objects	Is e-AD/e-SAD available online?
Information Exchange	
Requirements	ACO_FUR_0029
Data Set	
Events	
State	

Table 5.368: Task Build Movement Download Answer indicating e-AD/e-SAD was not found

Task Record Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Movement Download Answer
Task Type	Service task
Description	The Movement Download Answer (IE785:C_DOW_RES) is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	C_DOW_RES

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Output Data	C_DOW_RES
Previous Objects	Build Movement Download Answer indicating e-AD/e-SAD was found Build Movement Download Answer indicating e-AD/e-SAD was not found
Information Exchange	
Requirements	ACO_FUR_0010
Data Set	
Events	
State	

Table 5.369: Task Record Movement Download Answer

Task Notify Requesting MSA about Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requesting MSA about Movement Download Answer
Task Type	Send task
Description	The Movement Download Answer (IE785:C_DOW_RES) is sent to the Requesting MSA.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism
Input Data	C_DOW_RES
Output Data	
Previous Objects	Record Movement Download Answer
Information Exchange	movement download answer
Requirements	ACO_FUR_0011
Data Set	
Events	
State	

Table 5.370: Task Notify Requesting MSA about Movement Download Answer

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle validation results of Movement Download Answer
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.371: Task Identify if the message is found valid

Task Acknowledge Status of Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge Status of Movement Download Answer
Task Type	User task
Description	The MSA Official is informed about the status of the Movement Download Answer.
Actor	MSA Official
Input Data	C_DOW_RES

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Output Data	C_DOW_RES
Previous Objects	Record Movement Download Answer
Information Exchange	
Requirements	ACO_FUR_0017
Data Set	
Events	
State	

Table 5.372: Task Acknowledge Status of Movement Download Answer

Task Build History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build History of a Movement
Task Type	Service task
Description	<p>EMCS builds the History of a Movement (IE838:C_HIS_VAL) message that includes all business messages comprising the movement history, including the successive states of the e-AD/e-SAD as well as all attached reports of receipt, of control and of event.</p> <p>In case any national movements exist related to the retrieved ARC, the Initiator MSA can include the messages for national movements in the history message (IE838:C_HIS_VAL). The pre-condition is that these national messages should first be translated into the Common Domain messages type and format.</p>
Actor	EMCS
Input Data	<p>Result Identify if e-AD/e-SAD is available (online)</p> <p>C_DOW_SUB</p>
Output Data	C_HIS_VAL
Previous Objects	Is e-AD/e-SAD available online?
Information Exchange	
Requirements	ACO_FUR_0030
Data Set	
Events	
State	

Table 5.373: Task Build History of a Movement

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Task Record Movement Download Answer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Movement Download Answer
Task Type	Service task
Description	The Movement Download Answer (IE785:C_DOW_RES) is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-18-Status Synchronisation Mechanism L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	C_DOW_RES
Output Data	C_DOW_RES
Previous Objects	Message found valid?
Information Exchange	
Requirements	ACO_FUR_0010
Data Set	
Events	
State	

Table 5.374: Task Record Movement Download Answer

Event Refusal message sent to Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to Initiator MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Initiator MSA for the exchange of an invalid message.
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Previous Objects	Message found valid?

Table 5.375: Event Refusal message sent to Initiator MSA

Event e-AD/e-SAD not available (online)

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PROCESS MODELS

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	e-AD/e-SAD not available (online)
Event Type	End event
Description	The ARC requested is invalid or the commonly agreed time for consultation of movement data has passed, and therefore the e-AD/e-SAD has been archived and is no more available online. The Requesting MSA expects no further response (movement history) from the Initiator MSA.
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Previous Objects	Is e-AD/e-SAD available online?

Table 5.376: Event e-AD/e-SAD not available (online)

Task Identify if the e-AD/e-SAD was found?

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the e-AD/e-SAD was found?
Task Type	Service task
Description	From the "Status" defined in the Movement Download Answer, it is determined whether the e-AD/e-SAD is found by the Initiator MSA or not. It might be the case that ARC requested is not known by the Initiator MSA or the e-AD/e-SAD is no more available online. Otherwise, the Requesting MSA will expect the movement history (IE838:C_HIS_VAL) from the Initiator MSA.
Actor	EMCS
Input Data	ARC Status Sequence Number
Output Data	Result Identify if the e-AD/e-SAD was found?
Previous Objects	Acknowledge Status of Movement Download Answer
Information Exchange	
Requirements	ACO_FUR_0040
Data Set	
Events	
State	

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Table 5.377: Task Identify if the e-AD/e-SAD was found?

Task Record History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record History of a Movement
Task Type	Service task
Description	The History of the Movement (IE838:C_HIS_VAL) is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	C_HIS_VAL
Output Data	C_HIS_VAL
Previous Objects	Build History of a Movement
Information Exchange	
Requirements	ACO_FUR_0031
Data Set	
Events	
State	

Table 5.378: Task Record History of a Movement

Event History of a Movement Received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	History of a Movement Received
Event Type	Message intermediate event (catch)
Description	A History of a Movement message (IE838:C_HIS_VAL) is received.
Previous Objects	e-AD/e-SAD found? Notify Requesting MSA about History of a Movement

Table 5.379: Event History of a Movement Received

Event e-AD/e-SAD not available (online)

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Event Name	e-AD/e-SAD not available (online)
Event Type	End event
Description	The ARC requested is invalid or the commonly agreed time for consultation of movement data has passed, and therefore the e-AD/e-SAD has been archived and is no more available online. The Requesting MSA expects no further response (movement history) from the Initiator MSA.
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Previous Objects	e-AD/e-SAD found?

Table 5.380: Event e-AD/e-SAD not available (online)

Task Notify Requesting MSA about History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requesting MSA about History of a Movement
Task Type	Send task
Description	The History of the Movement (IE838:C_HIS_VAL) message is sent to the Requesting MSA.
Actor	EMCS
Input Data	C_HIS_VAL
Output Data	
Previous Objects	Record History of a Movement
Information Exchange	history of a movement
Requirements	ACO_FUR_0032
Data Set	
Events	
State	

Table 5.381: Task Notify Requesting MSA about History of a Movement

Task Retrieve locally available History of the Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Retrieve locally available History of the Movement
Task Type	Service task

Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Description	The History of the Movement (IE838:C_HIS_VAL) is retrieved by EMCS.
Actor	EMCS
Input Data	C_DOW_SUB
Output Data	C_HIS_VAL
Previous Objects	Movement Download Request Received and the Requesting MSA is the Initiator MSA
Information Exchange	
Requirements	ACO_FUR_0041
Data Set	
Events	
State	

Table 5.382: Task Retrieve locally available History of the Movement

Task Perform validation of History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of History of a Movement
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	History of a Movement Received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.383: Task Perform validation of History of a Movement

Task Handle validation results of History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Excise Functional Requirements BPM Report for Administrative Cooperation
PROCESS MODELS

Task Name	Handle validation results of History of a Movement
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform validation of History of a Movement
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.384: Task Handle validation results of History of a Movement

Event The History of the Movement Sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The History of the Movement Sent
Event Type	End event
Description	This process ends at the Initiator MSA with the submission of the requested History of the Movement.
Previous Objects	Notify Requesting MSA about History of a Movement

Table 5.385: Event The History of the Movement Sent

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-26-Administrative Cooperation–Provide Feedback L4-ACO-01-03-Administrative Cooperation–Request for assistance

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	(Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle validation results of History of a Movement
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.386: Task Identify if the message is found valid

Task Acknowledge History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Acknowledge History of a Movement
Task Type	User task
Description	The MSA Official is informed about the History of the Movement (IE838:C_HIS_VAL) he requested.
Actor	MSA Official
Input Data	C_HIS_VAL
Output Data	C_HIS_VAL
Previous Objects	Retrieve locally available History of the Movement Record History of a Movement
Information Exchange	
Requirements	ACO_FUR_0017

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PROCESS MODELS

Data Set	
Events	
State	

Table 5.387: Task Acknowledge History of a Movement

Task Record History of a Movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record History of a Movement
Task Type	Task
Description	The History of the Movement (IE838:C_HIS_VAL) is stored.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	C_HIS_VAL
Output Data	C_HIS_VAL
Previous Objects	Message found valid?
Information Exchange	
Requirements	ACO_FUR_0031
Data Set	
Events	
State	

Table 5.388: Task Record History of a Movement

Event Refusal message sent to Initiator MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent to Initiator MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Initiator MSA for the exchange of an invalid message.
Appears also in the following processes	L4-ACO-01-22-Download of an e-AD/e-SAD (Results)

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PROCESS MODELS

Previous Objects	Message found valid?
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Table 5.389: Event Refusal message sent to Initiator MSA

Event The History of a Movement Received.

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	The History of a Movement Received.
Event Type	End event
Description	This process ends with the receipt of the requested History of the Movement.
Previous Objects	Acknowledge History of a Movement

Table 5.390: Event The History of a Movement Received.

5.16. Process L4-ACO-01-24-Handle Refusal Response

5.16.1. Objective of Process

The purpose of this process is to describe the electronic flow for the refusal of the request message. The process is triggered when the ELO of the Requested MSA decides to register a refusal message after receiving an Administrative Cooperation Common Request. The Requested MSA receives the aforementioned refusal, stores it and prepares an Answer Message.

5.16.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-24
Full Name	Handle Refusal Response
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.391: Process Details

5.16.3. Tasks and Events

Event Requested ELO does not agree with the contents of the Request message

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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PROCESS MODELS

Event Name	Requested ELO does not agree with the contents of the Request message
Event Type	Start event
Description	An Administrative Cooperation Common Request has been Received and the Requested ELO does not agree with the contents of the request.
Previous Objects	

Table 5.392: Event Requested ELO does not agree with the contents of the Request message

Task Register Refusal for Request Message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Refusal for Request Message
Task Type	User task
Description	The ELO of the Requested MSA decides to refuse the request message.
Actor	ELO
Input Data	Refusal Reason Code Refusal Reason Complement_LNG Refusal Reason Complement Result Identify if ELO agrees with the contents of the Request ATTRIBUTES for IE868 Follow Up Correlation ID
Output Data	ATTRIBUTES for IE868 Follow Up Correlation ID Refusal Reason Code Refusal Reason Complement Refusal Reason Complement_LNG
Previous Objects	Requested ELO does not agree with the contents of the Request message
Information Exchange	
Requirements	ACO_FUR_0128
Data Set	
Events	
State	

Table 5.393: Task Register Refusal for Request Message

Task Record Refusal Message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Refusal Message
Task Type	Service task

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PROCESS MODELS

Description	The refusal is stored by the Requested MSA.
Actor	EMCS
Input Data	Refusal Reason Complement_LNG Follow Up Correlation ID Refusal Reason Complement Refusal Reason Code ATTRIBUTES for IE868
Output Data	Follow Up Correlation ID Refusal Reason Complement Refusal Reason Code Refusal Reason Complement_LNG ATTRIBUTES for IE868
Previous Objects	Register Refusal for Request Message
Information Exchange	
Requirements	ACO_FUR_0129
Data Set	
Events	
State	

Table 5.394: Task Record Refusal Message

Task Build Answer Message indicating refusal on the request message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Answer Message indicating refusal on the request message
Task Type	Service task
Description	The Requested MSA builds an Answer Message (IE868).
Actor	EMCS
Input Data	Refusal Reason Code Refusal Reason Complement_LNG Follow Up Correlation ID ATTRIBUTES for IE868 Refusal Reason Complement
Output Data	C_COO_ANS
Previous Objects	Record Refusal Message
Information Exchange	

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PROCESS MODELS

Requirements	ACO_FUR_0133
Data Set	
Events	
State	

Table 5.395: Task Build Answer Message indicating refusal on the request message

Task Record Answer Message indicating refusal on the request message

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Answer Message indicating refusal on the request message
Task Type	Service task
Description	The Answer Message (IE868) indicating refusal on request message is recorded by the EMCS of the Requested MSA.
Actor	EMCS
Input Data	C_COO_ANS
Output Data	C_COO_ANS
Previous Objects	Build Answer Message indicating refusal on the request message
Information Exchange	
Requirements	ACO_FUR_0134
Data Set	
Events	
State	

Table 5.396: Task Record Answer Message indicating refusal on the request message

Task Perform Change of the Request State to "Closed"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Closed"
Task Type	Service task
Description	The state of the request is updated to "Closed"
Actor	EMCS
Input Data	Follow Up Correlation ID
Output Data	Request State

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PROCESS MODELS

Previous Objects	Record Answer Message indicating refusal on the request message
Information Exchange	
Requirements	ACO_FUR_0132
Data Set	Request State
Events	IE868 indicating refusal on the request message recorded
State	Closed

Table 5.397: Task Perform Change of the Request State to "Closed"

Event Answer message indicating refusal of the request message created

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Answer message indicating refusal of the request message created
Event Type	End event
Description	An Answer Message indicating a refusal message has been created
Previous Objects	Perform Change of the Request State to "Closed"

Table 5.398: Event Answer message indicating refusal of the request message created

5.17. Process L4-ACO-01-26-Administrative Cooperation–Provide Feedback

5.17.1. Objective of Process

The purpose of this process is to describe the electronic flow for the provision of feedback on the results received by the Requested MSA for an Administrative cooperation request.

The process is triggered when the ELO of the Requesting MSA decides to register a results message containing the concrete follow up actions that have been taken by the Requesting MSA and information about how relevant the results were considered.

The Requested MSA receives the aforementioned feedback information and stores it.

5.17.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-26
Full Name	Administrative Cooperation–Provide Feedback
Assumptions	N/A
Constraints	No constraints.

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PROCESS MODELS

L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.399: Process Details

5.17.3. Tasks and Events

Event Feedback on the received results is expected

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Feedback on the received results is expected
Event Type	Start event
Description	Results message has been received by the Requesting MSA for an Administrative cooperation request with indicator that feedback is expected
Previous Objects	

Table 5.400: Event Feedback on the received results is expected

Task Register feedback for results received

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register feedback for results received
Task Type	User task
Description	The ELO of the Requesting MSA registers any concrete follow up actions taken on the basis of the results received for an Administrative cooperation request
Actor	ELO
Input Data	FEEDBACK REQUEST CONTACT for IE721, IE867 Follow Up Correlation ID
Output Data	CONTACT for IE721, IE867 FEEDBACK REQUEST Follow Up Correlation ID
Previous Objects	Feedback on the received results is expected
Information Exchange	
Requirements	ACO_FUR_0137
Data Set	

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PROCESS MODELS

Events	
State	

Table 5.401: Task Register feedback for results received

Task Record feedback information for results received

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record feedback information for results received
Task Type	Service task
Description	The feedback information (provided on the follow-up action(s) taken by the Requesting MSA on the basis of the results received from the Requested MSA) is stored by the Requesting MSA.
Actor	EMCS
Input Data	Follow Up Correlation ID FEEDBACK REQUEST CONTACT for IE721, IE867
Output Data	Follow Up Correlation ID FEEDBACK REQUEST CONTACT for IE721, IE867
Previous Objects	Register feedback for results received
Information Exchange	
Requirements	ACO_FUR_0138
Data Set	
Events	
State	

Table 5.402: Task Record feedback information for results received

Task Build feedback information

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build feedback information
Task Type	Service task
Description	The Requesting MSA builds the Results message IE867 indicating the feedback information
Actor	EMCS
Input Data	Follow Up Correlation ID FEEDBACK REQUEST

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PROCESS MODELS

	CONTACT for IE721, IE867
Output Data	C_COO_RES
Previous Objects	Record feedback information for results received
Information Exchange	
Requirements	ACO_FUR_0139
Data Set	
Events	
State	

Table 5.403: Task Build feedback information

Task Record feedback information

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record feedback information
Task Type	Service task
Description	The feedback information (IE867) is stored by the Requesting MSA.
Actor	EMCS
Input Data	C_COO_RES
Output Data	C_COO_RES
Previous Objects	Build feedback information
Information Exchange	
Requirements	ACO_FUR_0160
Data Set	
Events	
State	

Table 5.404: Task Record feedback information

Task Notify Requested MSA about feedback information

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Requested MSA about feedback information
Task Type	Send task

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PROCESS MODELS

Description	The Requesting MSA submits to the Requested MSA the IE867 Results message, which contains the feedback information.
Actor	EMCS
Input Data	C_COO_RES
Output Data	
Previous Objects	Record feedback information
Information Exchange	administrative cooperation results
Requirements	ACO_FUR_0161
Data Set	
Events	
State	

Table 5.405: Task Notify Requested MSA about feedback information

Event Administrative Cooperation Results message providing feedback on the results sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Administrative Cooperation Results message providing feedback on the results sent
Event Type	End event
Description	This process ends at the Requesting MSA with the submission of an Administrative Cooperation Results message providing feedback concerning the results to the Requested MSA. No further actions are expected by the Requested MSA in terms of information exchange messages (excluding rejection messages in case of functional errors).
Previous Objects	Notify Requested MSA about feedback information

Table 5.406: Event Administrative Cooperation Results message providing feedback on the results sent

Event Feedback received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Feedback received
Event Type	Message start event
Description	A Results message (IE867) providing feedback has been received
Previous Objects	Notify Requested MSA about feedback information

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PROCESS MODELS

Table 5.407: Event Feedback received

Task Perform Validation of Feedback information

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Validation of Feedback information
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Feedback received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.408: Task Perform Validation of Feedback information

Task Handle Validation Results of feedback information

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Validation Results of feedback information
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform Validation of Feedback information
Information Exchange	
Requirements	
Data Set	
Events	
State	

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PROCESS MODELS

Table 5.409: Task Handle Validation Results of feedback information

Task Identify if the message is found valid

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if the message is found valid
Task Type	Service task
Description	Following the validation of the message, it is determined whether the message has been found valid or not.
Actor	EMCS
Appears also in the following processes	L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query) L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results) L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request) L4-ACO-01-21-Download of an e-AD/e-SAD (Query) L4-ACO-01-04-Administrative Cooperation-Spontaneous Information L4-ACO-01-02-Administrative cooperation-Deadline for results L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Input Data	Result Identify if the Common Domain message is syntactically valid Result Identify if the Common Domain message passed Coordination Protocol validation successfully
Output Data	Result Identify if the message is found valid
Previous Objects	Handle Validation Results of feedback information
Information Exchange	
Requirements	ACO_FUR_0021
Data Set	
Events	
State	

Table 5.410: Task Identify if the message is found valid

Event Feedback information recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Feedback information recorded
Event Type	Conditional intermediate event

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Description	The feedback information has been stored.
Previous Objects	Message found valid?

Table 5.411: Event Feedback information recorded

Event Refusal Message sent to the Requested MSA

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to the Requested MSA
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Requested MSA, for the receipt of an invalid message.
Appears also in the following processes	L4-ACO-01-03-Administrative Cooperation–Request for assistance (Results) L4-ACO-01-01-Administrative Cooperation–Request for assistance (Request)
Previous Objects	Message found valid?

Table 5.412: Event Refusal Message sent to the Requested MSA

Task Perform Change of the Request State to "Closed"

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform Change of the Request State to "Closed"
Task Type	Service task
Description	The state of the feedback request is updated to “Closed”.
Actor	EMCS
Input Data	Follow Up Correlation ID Result Identify if the message is found valid
Output Data	Request State
Previous Objects	Feedback information recorded
Information Exchange	
Requirements	ACO_FUR_0132
Data Set	Request State

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Events	IE867 received
State	Closed

Table 5.413: Task Perform Change of the Request State to "Closed"

Event Feedback message received and stored

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Feedback message received and stored
Event Type	End event
Description	Feedback has been received and stored. The status of the request has been updated to "closed".
Previous Objects	Perform Change of the Request State to "Closed"

Table 5.414: Event Feedback message received and stored

5.18. Process L4-ACO-01-30-Manual Closure of a Movement

5.18.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the Manual Closure of a movement of Excise Goods under suspension of Excise Duty (inside the territory of the European Union), in accordance with the current Common Specifications (FESS and DDNEA).

The process is triggered when:

- An Excise Officer at the MSA of Destination decides to request a manual closure of a movement; or
- An Excise Officer at the MSA of Dispatch initiates a manual closure.

In case the process is initiated by an Excise Officer at the MSA of Destination requesting a manual closure of a movement, the Excise Officer registers the manual closure request and builds the corresponding IE880:C_MNC_SUB message. Then, the created manual closure request message is sent to the MSA of Dispatch.

The MSA of Dispatch receives the manual closure request and proceeds with validating the data, by using the "Perform validation of Manual Closure Request" sub process. Then, the EMCS at MSA of Dispatch proceeds with the handling of the validation results by using the "Handle validation results of Manual Closure Request" call activity. Depending on the outcome (end event) of the "Handle validation results of Manual Closure Request" call activity, the following may happen:

- a. If a refusal message (IE917/IE704) is sent to the requestor (since the message was found invalid), the whole process ends at this point;

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b. If the Manual Closure request (IE880) is recorded (since the message was found valid), the process continues.

Then, the EMCS at MSA of Dispatch identifies whether the content of the Manual Closure request message indicates that the specific movement (i.e. indicated in the manual closure request message) can be manually closed. Based on this, it builds the Manual Closure response message (IE881:C_MNC_RES) and changes the state of the movement to 'e-AD Manually Closed'. After this, the EMCS at MSA of Dispatch notifies the MSA of Destination and the Consignee about the Manual Closure of the movement by sending the IE881:C_MNC_RES message and the process ends.

In case the process is initiated by an Excise Officer at the MSA of Dispatch, the Excise Officer registers the manual closure by building a IE881:C_MNC_RES message. The MSA of Dispatch builds the Manual Closure response message (IE881:C_MNC_RES) and changes the state of the movement to 'e-AD Manually Closed'. After this, the EMCS at MSA of Dispatch notifies the MSA of Destination and the Consignee about the Manual Closure of the movement by sending the IE881:C_MNC_RES message and the process ends.

5.18.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-30
Full Name	Manual Closure of a Movement
Assumptions	<ul style="list-style-type: none"> As specified in FESS UC-306-110, in cases where the manual closure process is initiated by an Excise Officer at the MSA of Dispatch, then there is no obligation to submit a IE880:C_MNC_SUB message. In such cases, an Excise Officer at the MSA of Dispatch initiates a manual closure by registering a IE881:C_MNC_RES message.
Constraints	No constraints.
L3 Reference Models	N/A
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.415: Process Details

5.18.3. Tasks and Events

Task Register draft Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register draft Manual Closure Request
Task Type	User task
Description	The Excise Officer registers the Manual Closure for a certain e-AD to its MSA (MSA of Destination).
Actor	Excise officer
Input Data	MANUAL CLOSURE Body for IE881 SUPPORTING DOCUMENTS for IE867, IE880 and IE881

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	ATTRIBUTES for IE880
Output Data	ATTRIBUTES for IE880 MANUAL CLOSURE Body for IE881 SUPPORTING DOCUMENTS for IE867, IE880 and IE881
Previous Objects	Excise Officer requests a manual closure of a movement
Information Exchange	
Requirements	ACO_FUR_0182
Data Set	
Events	
State	

Table 5.416: Task Register draft Manual Closure Request

Event Excise Officer requests a manual closure of a movement

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Excise Officer requests a manual closure of a movement
Event Type	Start event
Description	The Excise Officer at MSA of Destination/Export decides to request a manual closure for a specific e-AD.
Previous Objects	

Table 5.417: Event Excise Officer requests a manual closure of a movement

Task Record draft Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record draft Manual Closure Request
Task Type	Service task
Description	The Manual Closure request for the specific e-AD is stored.
Actor	EMCS
Input Data	SUPPORTING DOCUMENTS for IE867, IE880 and IE881 MANUAL CLOSURE Body for IE881 ATTRIBUTES for IE880
Output Data	ATTRIBUTES for IE880 MANUAL CLOSURE Body for IE881 SUPPORTING DOCUMENTS for IE867, IE880 and IE881

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Previous Objects	Register draft Manual Closure Request
Information Exchange	
Requirements	ACO_FUR_0183
Data Set	
Events	
State	

Table 5.418: Task Record draft Manual Closure Request

Task Build Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Manual Closure Request
Task Type	Service task
Description	The MSA of Destination/Export builds a Manual Closure request message (IE880:C_MNC_SUB), taking into consideration the request received from the Excise Officer.
Actor	EMCS
Input Data	ATTRIBUTES for IE880 SUPPORTING DOCUMENTS for IE867, IE880 and IE881 MANUAL CLOSURE Body for IE881
Output Data	C_MNC_SUB
Previous Objects	Record draft Manual Closure Request
Information Exchange	
Requirements	ACO_FUR_0184
Data Set	
Events	
State	

Table 5.419: Task Build Manual Closure Request

Task Record Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Manual Closure Request
Task Type	Service task

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Description	The Manual Closure Request message (IE880:C_MNC_SUB) is stored.
Actor	EMCS
Input Data	C_MNC_SUB
Output Data	C_MNC_SUB
Previous Objects	Build Manual Closure Request
Information Exchange	
Requirements	ACO_FUR_0185
Data Set	
Events	
State	

Table 5.420: Task Record Manual Closure Request

Task Notify MSA of Dispatch about Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Dispatch about Manual Closure Request
Task Type	Send task
Description	EMCS sends the Manual Closure request message (IE880:C_MNC_SUB) to the MSA of Dispatch.
Actor	EMCS
Input Data	C_MNC_SUB
Output Data	
Previous Objects	Record Manual Closure Request
Information Exchange	Manual closure request
Requirements	ACO_FUR_0186
Data Set	
Events	
State	

Table 5.421: Task Notify MSA of Dispatch about Manual Closure Request

Event Manual Closure Request Sent

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PROCESS MODELS

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure Request Sent
Event Type	End event
Description	The Manual Closure Request message (IE880:C_MNC_SUB) has been sent to the MSA of Dispatch.
Previous Objects	Notify MSA of Dispatch about Manual Closure Request

Table 5.422: Event Manual Closure Request Sent

Event Manual Closure Request received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure Request received
Event Type	Message start event
Description	The MSA of Dispatch has received the Manual Closure Request message (IE880:C_MNC_SUB).
Previous Objects	Notify MSA of Dispatch about Manual Closure Request

Table 5.423: Event Manual Closure Request received

Task Perform validation of Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform validation of Manual Closure Request
Task Type	Subprocess (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-03-Perform validation of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Manual Closure Request received
Information Exchange	
Requirements	
Data Set	
Events	
State	

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Table 5.424: Task Perform validation of Manual Closure Request

Task Handle validation results of Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle validation results of Manual Closure Request
Task Type	Call activity (collapsed)
Description	This task is modeled in a separate process: L4-CORE-01-05-Handle validation Results of Common Domain message.
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Perform validation of Manual Closure Request
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.425: Task Handle validation results of Manual Closure Request

Event Refusal Message sent to the MSA of Dispatch since the Manual Closure request was found invalid

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal Message sent to the MSA of Dispatch since the Manual Closure request was found invalid
Event Type	End event
Description	This process ends without storing the message, while a refusal message has been sent to the Requesting MSA, for the receipt of an invalid message.
Previous Objects	Message found valid?

Table 5.426: Event Refusal Message sent to the MSA of Dispatch since the Manual Closure request was found invalid

Event Manual Closure Request recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure Request recorded

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Event Type	Conditional intermediate event
Description	The MSA of Dispatch stores the Manual Closure Request message (IE880:C_MNC_SUB) after its successful validation.
Previous Objects	Message found valid?

Table 5.427: Event Manual Closure Request recorded

Task Assess Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Assess Manual Closure Request
Task Type	Service task
Description	<p>The MSA of Dispatch assesses the received Manual Closure Request message (IE880:C_MNC_SUB) to identify whether it should be accepted or rejected.</p> <p>It shall be noted that it is a national decision whether the assessment of a received Manual Closure request will be automated (i.e. performed by EMCS only), or manual (i.e. an Excise Officer at the MSA of Dispatch shall review the Manual Closure request).</p>
Actor	EMCS
Input Data	C_MNC_SUB
Output Data	C_MNC_SUB
Previous Objects	Is approval from an Excise Officer required?
Information Exchange	
Requirements	ACO_FUR_0197
Data Set	
Events	
State	

Table 5.428: Task Assess Manual Closure Request

Task Review Manual Closure Request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Review Manual Closure Request
Task Type	User task

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Description	An Excise Officer at MSA of Dispatch reviews the received Manual Closure Request message (IE880:C_MNC_SUB) to identify whether it should be accepted or rejected.
Actor	Excise officer
Input Data	
Output Data	Result Review Manual Closure Request
Previous Objects	Is approval from an Excise Officer required?
Information Exchange	Manual closure request
Requirements	AC_FUR_0198
Data Set	
Events	
State	

Table 5.429: Task Review Manual Closure Request

Task Build Manual Closure Rejection

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Manual Closure Rejection
Task Type	Service task
Description	The MSA of Dispatch builds the Manual Closure response message (IE881:C_MNC_RES) indicating that the received Manual Closure request has not been accepted (i.e. value of data item <Manual Closure Request Accepted is '0') and additionally specifying the reason for rejection the request.
Actor	EMCS
Input Data	MANUAL CLOSURE Body for IE881 ATTRIBUTES for IE881 SUPPORTING DOCUMENTS for IE867, IE880 and IE881
Output Data	C_MNC_RES
Previous Objects	Is the Manual Closure request accepted?
Information Exchange	
Requirements	ACO_FUR_0189
Data Set	

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PROCESS MODELS

Events	
State	

Table 5.430: Task Build Manual Closure Rejection

Task Build Manual Closure Acceptance

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Build Manual Closure Acceptance
Task Type	Service task
Description	The MSA of Dispatch builds the Manual Closure response message (IE881:C_MNC_RES) indicating that the received Manual Closure request has been accepted (i.e. value of data item <Manual Closure Request Accepted is '1').
Actor	EMCS
Input Data	SUPPORTING DOCUMENTS for IE867, IE880 and IE881 ATTRIBUTES for IE881 MANUAL CLOSURE Body for IE881
Output Data	C_MNC_RES
Previous Objects	Register Manual Closure Is the Manual Closure request accepted?
Information Exchange	
Requirements	ACO_FUR_0187
Data Set	
Events	
State	

Table 5.431: Task Build Manual Closure Acceptance

Event Excise Officer at MSA of Dispatch initiates Manual Closure

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Excise Officer at MSA of Dispatch initiates Manual Closure
Event Type	Start event
Description	The Excise Officer at MSA of Dispatch decides to initiate a manual closure for a specific e-AD.
Previous Objects	

Table 5.432: Event Excise Officer at MSA of Dispatch initiates Manual Closure

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Task Register Manual Closure

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Register Manual Closure
Task Type	User task
Description	The Excise Officer registers the Manual Closure for a certain e-AD to its MSA (MSA of Dispatch).
Actor	Excise officer
Input Data	SUPPORTING DOCUMENTS for IE867, IE880 and IE881 MANUAL CLOSURE Body for IE881 ATTRIBUTES for IE881
Output Data	MANUAL CLOSURE Body for IE881 SUPPORTING DOCUMENTS for IE867, IE880 and IE881 ATTRIBUTES for IE881
Previous Objects	Excise Officer at MSA of Dispatch initiates Manual Closure
Information Exchange	
Requirements	ACO_FUR_0195
Data Set	
Events	
State	

Table 5.433: Task Register Manual Closure

Task Record Manual Closure Rejection

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Manual Closure Rejection
Task Type	Service task
Description	The Manual Closure Response message (IE881:C_MNC_SUB) indicating a rejected manual closure request (i.e. value of data item <Manual Closure Request Accepted is '0') is stored.
Actor	EMCS
Input Data	C_MNC_RES
Output Data	C_MNC_RES
Previous Objects	Build Manual Closure Rejection

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Information Exchange	
Requirements	ACO_FUR_0190
Data Set	
Events	
State	

Table 5.434: Task Record Manual Closure Rejection

Task Record Manual Closure Acceptance

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Record Manual Closure Acceptance
Task Type	Service task
Description	The Manual Closure Response message (IE881:C_MNC_SUB) indicating an accepted manual closure (i.e. value of data item <Manual Closure Request Accepted is '1') is stored.
Actor	EMCS
Input Data	C_MNC_RES
Output Data	C_MNC_RES
Previous Objects	Build Manual Closure Acceptance
Information Exchange	
Requirements	ACO_FUR_0188
Data Set	
Events	
State	

Table 5.435: Task Record Manual Closure Acceptance

Event Manual Closure Response received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure Response received
Event Type	Message start event
Description	
Previous Objects	Notify MSA of Destination/Export of Manual Closure of movement

Table 5.436: Event Manual Closure Response received

Task Notify MSA of Destination/Export of the rejection of the Manual Closure request

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Destination/Export of the rejection of the Manual Closure request
Task Type	Send task
Description	EMCS sends the Manual Closure Response message (IE881:C_MNC_RES) to the MSA of Destination/Export.
Actor	EMCS
Input Data	C_MNC_RES
Output Data	
Previous Objects	Record Manual Closure Rejection
Information Exchange	Manual closure response
Requirements	ACO_FUR_0191
Data Set	
Events	
State	

Table 5.437: Task Notify MSA of Destination/Export of the rejection of the Manual Closure request

Task Perform change of state to e-AD Manually Closed

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform change of state to e-AD Manually Closed
Task Type	Service task
Description	Upon the reception of the Manual Closure Response message (IE881:C_MNC_RES) indicating an accepted manual closure request, the status of the e-AD is changed from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. sds
Actor	EMCS

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Appears also in the following processes	L4-ACO-01-30-Manual Closure of a Movement
Input Data	Manual Closure Request Accepted ARC Sequence Number
Output Data	e-AD/e-SAD state
Previous Objects	Record Manual Closure Acceptance
Information Exchange	
Requirements	ACO_FUR_0196
Data Set	
Events	A Manual Closure Response indicating acceptance has been recorded
State	e-AD/e-SAD Manually Closed

Table 5.438: Task Perform change of state to e-AD Manually Closed

Task Perform change of state to e-AD Manually Closed

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Perform change of state to e-AD Manually Closed
Task Type	Service task
Description	Upon the reception of the Manual Closure Response message (IE881:C_MNC_RES) indicating an accepted manual closure request, the status of the e-AD is changed from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. from “Accepted” to “e-AD/e-SAD Manually Closed”, which is a final state. sds
Actor	EMCS
Appears also in the following processes	L4-ACO-01-30-Manual Closure of a Movement
Input Data	Manual Closure Request Accepted ARC Sequence Number

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Output Data	e-AD/e-SAD state
Previous Objects	Manual Closure Response received
Information Exchange	
Requirements	ACO_FUR_0196
Data Set	
Events	A Manual Closure Response indicating acceptance has been recorded
State	e-AD/e-SAD Manually Closed

Table 5.439: Task Perform change of state to e-AD Manually Closed

Task Notify MSA of Destination/Export of Manual Closure of movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify MSA of Destination/Export of Manual Closure of movement
Task Type	Send task
Description	EMCS sends the Manual Closure Response message (IE881:C_MNC_RES) to the MSA of Destination/Export.
Actor	EMCS
Input Data	C_MNC_RES
Output Data	
Previous Objects	Perform change of state to e-AD Manually Closed
Information Exchange	Manual closure response
Requirements	ACO_FUR_0192
Data Set	
Events	
State	

Table 5.440: Task Notify MSA of Destination/Export of Manual Closure of movement

Task Notify Consignee of Manual Closure of movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignee of Manual Closure of movement

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Task Type	Send task
Description	EMCS sends the Manual Closure Response message (IE881:C_MNC_RES) to the respective Consignee.
Actor	EMCS
Input Data	C_MNC_RES
Output Data	
Previous Objects	Perform change of state to e-AD Manually Closed
Information Exchange	Manual closure response
Requirements	ACO_FUR_0194
Data Set	
Events	
State	

Table 5.441: Task Notify Consignee of Manual Closure of movement

Event Manual Closure rejection sent to the MSA of Destination/Export

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure rejection sent to the MSA of Destination/Export
Event Type	End event
Description	The Manual Closure Response message (IE881:C_MNC_RES) has been sent to the MSA of Destination/Export.
Previous Objects	Notify MSA of Destination/Export of the rejection of the Manual Closure request

Table 5.442: Event Manual Closure rejection sent to the MSA of Destination/Export

Task Notify Consignor of Manual Closure of movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Notify Consignor of Manual Closure of movement
Task Type	Send task
Description	EMCS sends the Manual Closure Response message (IE881:C_MNC_RES) to the respective Consignor.
Actor	EMCS
Input Data	C_MNC_RES

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Output Data	
Previous Objects	Notify MSA of Destination/Export of Manual Closure of movement
Information Exchange	Manual closure response
Requirements	ACO_FUR_0193
Data Set	
Events	
State	

Table 5.443: Task Notify Consignor of Manual Closure of movement

Event Manual Closure acceptance sent to the Consignee

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure acceptance sent to the Consignee
Event Type	End event
Description	
Previous Objects	Notify Consignee of Manual Closure of movement

Table 5.444: Event Manual Closure acceptance sent to the Consignee

Task Handle Timers Associated with a Manually Closed movement

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Handle Timers Associated with a Manually Closed movement
Task Type	Subprocess (collapsed)
Description	
Actor	EMCS
Input Data	
Output Data	
Previous Objects	Notify Consignor of Manual Closure of movement
Information Exchange	
Requirements	
Data Set	
Events	
State	

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Table 5.445: Task Handle Timers Associated with a Manually Closed movement

Event Manual Closure acceptance sent to the MSA of Destination/Export and Consignor

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure acceptance sent to the MSA of Destination/Export and Consignor
Event Type	End event
Description	The Manual Closure Response message (IE881:C_MNC_RES) has been sent to the MSA of Destination/Export and the respective Consignor.
Previous Objects	Handle Timers Associated with a Manually Closed movement

Table 5.446: Event Manual Closure acceptance sent to the MSA of Destination/Export and Consignor

5.19. Process L4-ACO-01-10-Handle Timers associated with an Interrupted Movement

5.19.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow for handling the timers associated with an Interrupted movement of excise goods under duty suspension arrangement (inside the territory of the European Union), in accordance with the current Common Specifications (FESS and DDNEA).

The current process is triggered when an Interruption of Movement is performed by the MSA of Dispatch (i.e. the MSA of Dispatch is the MSA of Interruption) or when an Interruption of Movement is received at the MSA of Dispatch (i.e. an Interruption of Movement is received over the Common Domain at the MSA of Dispatch from the MSA of Interruption) and the timers associated with the interrupted movement need to be handled.

For this purpose, the EMCS at MSA of Dispatch identifies if any timers associated with the interrupted movement are still running or have already expired.

In case there are timers associated with the interrupted movement which are still running, the EMCS at the MSA of Dispatch stops them. Unless there are timers associated with the interrupted movement which have already expired, the whole process ends here.

In case there are timers associated with the interrupted movement which have already expired, the EMCS at the MSA of Dispatch resets their flag that has been raised locally and the whole process ends at this point.

5.19.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-10
Full Name	Handle Timers associated with an Interrupted Movement
Assumptions	N/A

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Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.447: Process Details

5.19.3. Tasks and Events

Event Interruption of Movement performed/received at MSA of Dispatch and timers associated with the interrupted movement need to be handled

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Interruption of Movement performed/received at MSA of Dispatch and timers associated with the interrupted movement need to be handled
Event Type	Start event
Description	The current process is triggered when an Interruption of Movement is performed by the MSA of Dispatch (i.e. the MSA of Dispatch is the MSA of Interruption) or when an Interruption of Movement is received at the MSA of Dispatch (i.e. an Interruption of Movement is received over the Common Domain at the MSA of Dispatch from the MSA of Interruption) and the timers associated with the interrupted movement need to be handled.
Previous Objects	

Table 5.448: Event Interruption of Movement performed/received at MSA of Dispatch and timers associated with the interrupted movement need to be handled

Task Identify if any timers associated with the interrupted movement are still running or have already expired

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if any timers associated with the interrupted movement are still running or have already expired
Task Type	Service task
Description	It is identified if any timers associated with the interrupted movement are still running or have already expired.
Actor	
Input Data	TIM_FDF Expiry Date TIM_CHS Expiry Date ARC Timer TIM_EAD_ESAD Expiry Date
Output Data	Result Identify if any timers associated with the interrupted movement are still running or have already expired

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Previous Objects	Interruption of Movement performed/received at MSA of Dispatch and timers associated with the interrupted movement need to be handled
Information Exchange	
Requirements	ACO_FUR_0055
Data Set	
Events	
State	

Table 5.449: Task Identify if any timers associated with the interrupted movement are still running or have already expired

Task Reset the flag of the timer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Reset the flag of the timer
Task Type	Service task
Description	Since the timer has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time).
Actor	
Input Data	ARC Result Identify if any timers associated with the interrupted movement are still running or have already expired
Output Data	TIM_FDF Reset Flag Date TIM_EAD_ESAD Reset Flag Date TIM_CHS Reset Flag Date
Previous Objects	Have any timers already expired?
Information Exchange	
Requirements	ACO_FUR_0056
Data Set	
Events	
State	

Table 5.450: Task Reset the flag of the timer

Task Stop the timer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
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Task Name	Stop the timer
Task Type	Service task
Description	Since the timer is still running, the MSA of Dispatch stops this timer.
Actor	
Input Data	ARC Result Identify if any timers associated with the interrupted movement are still running or have already expired
Output Data	TIM_FDF End Date TIM_CHS End Date TIM_CHS End Date
Previous Objects	Are any timers still running?
Information Exchange	
Requirements	ACO_FUR_0057
Data Set	
Events	
State	

Table 5.451: Task Stop the timer

Event Timers associated with the interrupted movement handled as necessary (e.g. either stopped or got flag reset)

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Timers associated with the interrupted movement handled as necessary (e.g. either stopped or got flag reset)
Event Type	End event
Description	The timers associated with the interrupted movement were handled as necessary (e.g. were either stopped or got flag reset).
Previous Objects	Have any timers already expired? Reset the flag of the timer Stop the timer Are any timers still running?

Table 5.452: Event Timers associated with the interrupted movement handled as necessary (e.g. either stopped or got flag reset)

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5.20. Process L4-ACO-01-28-Perform Download of an e-AD/e-SAD (Query-Results)

5.20.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow for performing a download of an e-AD/e-SAD, in accordance with the current Common Specifications (FESS and DDNEA).

It shall be noted that the outcome of such queries may return data related to different types of movements (i.e. duty suspension or duty paid B2B).

The process is triggered when there is a decision to retrieve movement data relative to an e-AD/e-SAD. For this purpose, a query message (IE784:C_DOW_SUB) providing the ARC of the searched e-AD/e-SAD is submitted by using the “Download of an e-AD/e-SAD (Query)” sub-process (for a detailed description of the respective process please refer to “L4-ACO-01-21-Download of an e-AD/e-SAD (Query)”). Depending on the outcome (end event) of the “Download of an e-AD/e-SAD (Query)” sub-process, the following may happen:

- In case a refusal message (IE917/IE906) is received from the Initiator MSA (since the Movement Download Request was found invalid at the Initiator MSA), the whole process ends at this point;
- In case no refusal message (IE917/IE906) is received from the Initiator MSA (and Movement Download Request was sent successfully to the Initiator MSA), the process continues.

The response from the Initiator MSA to the Movement Download Request is received and handled by using the “Download of an e-AD/e-SAD (Results)” sub-process (for a detailed description of the respective process please refer to “L4-ACO-01-22-Download of an e-AD/e-SAD (Results)”). Depending on the outcome (end event) of the “Download of an e-AD/e-SAD (Results)” sub-process, the following may happen:

- In case a refusal message (IE917/IE906) is sent to the Initiator MSA (since the Movement Download Answer (IE785:C_REQ_RES) or the History of a Movement (IE838:C_HIS_VAL) that was received from the Initiator MSA was found invalid), the whole process ends here;
- In case the History of a Movement message (IE838:C_HIS_VAL) is stored (since it was found valid), the process also ends at this point;
- In case the Movement Download Answer (IE785:C_REQ_RES) indicating that the e-AD/e-SAD was not available (online) at the Initiator MSA is stored (since it was found valid), the whole process ends at this point.

5.20.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-28
Full Name	Perform Download of an e-AD/e-SAD (Query-Results)
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.453: Process Details

5.20.3. Tasks and Events

Task Download of an e-AD/e-SAD (Query)

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TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Download of an e-AD/e-SAD (Query)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process:L4-ACO-01-21-Download of an e-AD/e-SAD (Query)
Actor	
Input Data	
Output Data	
Previous Objects	Decision to download an e-AD/e-SAD exists
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.454: Task Download of an e-AD/e-SAD (Query)

Event Decision to download an e-AD/e-SAD exists

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Decision to download an e-AD/e-SAD exists
Event Type	Start event
Description	The process is triggered when there is a decision to download an e-AD/e-SAD from the Initiator MSA.
Previous Objects	

Table 5.455: Event Decision to download an e-AD/e-SAD exists

Event Refusal message received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message received
Event Type	End event
Description	A refusal message (IE917/IE906) was received from the Initiator MSA (since the Movement Download Request had been found invalid at the Initiator MSA).
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query)?

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Table 5.456: Event Refusal message received

Event Movement Download Request sent successfully and no refusal message received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Request sent successfully and no refusal message received
Event Type	Conditional intermediate event
Description	The Movement Download Request has been successfully sent to the Initiator MSA and no refusal message (IE917/IE906) has been received from the Initiator MSA.
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Query)?

Table 5.457: Event Movement Download Request sent successfully and no refusal message received

Task Download of an e-AD/e-SAD (Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Download of an e-AD/e-SAD (Results)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-22-Download of an e-AD/e-SAD (Results)
Actor	
Input Data	
Output Data	
Previous Objects	Movement Download Request sent successfully and no refusal message received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.458: Task Download of an e-AD/e-SAD (Results)

Event Refusal message sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent

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Event Type	End event
Description	A refusal message (IE917/IE906) was sent to the Initiator MSA since the Movement Download Answer or the History of a Movement that had been received from the Initiator MSA had been found invalid.
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Results)?

Table 5.459: Event Refusal message sent

Event History of a Movement recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	History of a Movement recorded
Event Type	End event
Description	The History of a Movement message (IE838:C_HIS_VAL) was stored (since it had been found valid).
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Results)?

Table 5.460: Event History of a Movement recorded

Event Movement Download Answer recorded indicating that the e-AD/e-SAD was not available (online)

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Movement Download Answer recorded indicating that the e-AD/e-SAD was not available (online)
Event Type	End event
Description	The Movement Download Answer IE785:C_DOW_RES (indicating that the e-AD/e-SAD was not available (online) at the Initiator MSA) was stored (since it had been found valid).
Previous Objects	What is the outcome of the Download of an e-AD/e-SAD (Results)?

Table 5.461: Event Movement Download Answer recorded indicating that the e-AD/e-SAD was not available (online)

5.21. Process L4-ACO-01-29-Perform General Query to retrieve an e-AD/e-SAD (Query-Results)

5.21.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow for performing a General query to retrieve an e-AD/e-SAD, in accordance with the current Common Specifications (FESS and DDNEA). It shall be noted that the outcome of such queries may return data related to different types of movements (i.e. duty suspension or duty paid B2B).

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The process is triggered when there is a decision to retrieve an e-AD/e-SAD from the Initiator MSA. For this purpose, a Common Request (IE701) indicating a query for an e-AD/e-SAD is built and sent to the Initiator MSA by using the “General query to retrieve an e-AD/e-SAD (Query)” sub process (for a detailed description of the respective process please refer to “L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query)”). Depending on the outcome (end event) of the “General query to retrieve an e-AD/e-SAD (Query)” sub process, the following may happen:

- a. In case a refusal message (IE917/IE906) is received from the Initiator MSA (since the Common Request was found invalid at the Initiator MSA), the whole process ends at this point;
- b. In case no refusal message (IE917/IE906) is received from the Initiator MSA (and the Common Request was sent successfully to the Initiator MSA), the process continues.

Following, the reply of the Initiator MSA (to the Common Request indicating a query for an e-AD/e-SAD) is received and handled by using the “General query to retrieve an e-AD/e-SAD (Results)” sub process (for a detailed description of the respective process please refer to “L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results)”). Depending on the outcome (end event) of the “General query to retrieve an e-AD/e-SAD (Results)” sub process, the following may happen:

- a. In case a refusal message (IE917/IE906) is sent to the Initiator MSA (since the List of e-AD/e-SAD (IE821) or the Refusal of Common Request (IE702) that was received from the Initiator MSA was found invalid), the whole process ends here;
- b. In case a List of e-AD (IE821) is stored (since it was found valid), the whole process also ends at this point;
- c. In case a Refusal of Common Request IE702 (indicating that the query returned no results at the Initiator MSA) is stored (since it was found valid), the whole process ends at this point.

5.21.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-29
Full Name	Perform General Query to retrieve an e-AD/e-SAD (Query-Results)
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.462: Process Details

5.21.3. Tasks and Events

Task General query to retrieve an e-AD/e-SAD (Query)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	General query to retrieve an e-AD/e-SAD (Query)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-19-General query to retrieve an e-AD/e-SAD (Query)

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Actor	
Input Data	
Output Data	
Previous Objects	Decision to perform a general query to retrieve an e-AD/e-SAD exists
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.463: Task General query to retrieve an e-AD/e-SAD (Query)

Event Decision to perform a general query to retrieve an e-AD/e-SAD exists

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Decision to perform a general query to retrieve an e-AD/e-SAD exists
Event Type	Start event
Description	The current process is triggered when there is a decision to retrieve an e-AD/e-SAD from the Initiator MSA.
Previous Objects	

Table 5.464: Event Decision to perform a general query to retrieve an e-AD/e-SAD exists

Event Refusal message received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message received
Event Type	End event
Description	A refusal message (IE917/IE906) was received from the Initiator MSA (since the Common Request had been found invalid at the Initiator MSA).
Previous Objects	What is the outcome of the General Query to retrieve an e-AD/e-SAD (Query)?

Table 5.465: Event Refusal message received

Event Common Request sent successfully and no refusal message received

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
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Event Name	Common Request sent successfully and no refusal message received
Event Type	Conditional intermediate event
Description	No refusal message (IE917/IE906) was received from the Initiator MSA (and the Common Request was sent successfully to the Initiator MSA).
Previous Objects	What is the outcome of the General Query to retrieve an e-AD/e-SAD (Query)?

Table 5.466: Event Common Request sent successfully and no refusal message received

Task General query to retrieve an e-AD/e-SAD (Results)

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	General query to retrieve an e-AD/e-SAD (Results)
Task Type	Call activity (collapsed)
Description	This task is modelled in a separate process: L4-ACO-01-20-General query to retrieve an e-AD/e-SAD (Results).
Actor	
Input Data	
Output Data	
Previous Objects	Common Request sent successfully and no refusal message received
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.467: Task General query to retrieve an e-AD/e-SAD (Results)

Event Refusal message sent

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal message sent
Event Type	End event
Description	A refusal message (IE917/IE906) was sent to the Initiator MSA (since the List of e-AD (IE821) or the Refusal of Common Request (IE702) received from the Initiator MSA had been found invalid).
Previous Objects	What is the outcome of the General Query to retrieve an e-AD/e-SAD (Results)?

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Table 5.468: Event Refusal message sent

Event List of e-AD/e-SAD recorded

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	List of e-AD/e-SAD recorded
Event Type	End event
Description	A List of e-AD/e-SAD (IE821) was stored (since it had been found valid).
Previous Objects	What is the outcome of the General Query to retrieve an e-AD/e-SAD (Results)?

Table 5.469: Event List of e-AD/e-SAD recorded

Event Refusal of Common Request recorded indicating that the query returned no results

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Refusal of Common Request recorded indicating that the query returned no results
Event Type	End event
Description	A Refusal of Common Request IE702 (indicating that the query returned no results at the Initiator MSA) was stored (since it had been found valid).
Previous Objects	What is the outcome of the General Query to retrieve an e-AD/e-SAD (Results)?

Table 5.470: Event Refusal of Common Request recorded indicating that the query returned no results

5.22. Process L4-ACO-01-31-Handle Timers associated with a Manually Closed Movement

5.22.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow for handling the timers associated with a Manually Closed movement of excise goods.

The current process is triggered when a Manual Closure of a Movement is performed by the MSA of Dispatch and the timers associated with the manually closed movement need to be handled.

For this purpose, the EMCS at MSA of Dispatch identifies if timers associated with the manually closed movement are still running or have already expired (i.e. TIM_EAD_ESAD, TIM_CHS and TIM_FDF).

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In case there are timers associated with the manually closed movement (i.e. TIM_EAD_ESAD, TIM_CHS and TIM_FDF) which are still running, the EMCS at the MSA of Dispatch stops them. Unless there are timers associated with the manually closed movement which have already expired (i.e. TIM_EAD_ESAD, TIM_CHS and TIM_FDF), the whole process ends here.

In case there are timers associated with the manually closed movement which have already expired (i.e. TIM_EAD_ESAD, TIM_CHS and TIM_FDF), the EMCS at the MSA of Dispatch resets their flag that has been raised locally and the whole process ends at this point.

5.22.2. Process Details

PROCESS ATTRIBUTE NAME	PROCESS ATTRIBUTE VALUE
Process ID	L4-ACO-01-31
Full Name	Handle Timers associated with a Manually Closed Movement
Assumptions	N/A
Constraints	No constraints.
L3 Reference Models	L3-ACO-01-01-Cooperation on Request
Existing Specifications	Design Document for National Excise Applications - v3.23

Table 5.471: Process Details

5.22.3. Tasks and Events

Event Manual Closure of Movement performed/received at MSA of Dispatch and timers associated with the manually closed movement need to be handled

EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Manual Closure of Movement performed/received at MSA of Dispatch and timers associated with the manually closed movement need to be handled
Event Type	Start event
Description	The current process is triggered when a Manual Closure of a Movement is performed by the MSA of Dispatch and the timers (i.e. TIM_EAD_ESAD, TIM_CHS and TIM_FDF) associated with the manually closed movement need to be handled.
Previous Objects	

Table 5.472: Event Manual Closure of Movement performed/received at MSA of Dispatch and timers associated with the manually closed movement need to be handled

Task Identify if timers associated with the manually closed movement are still running or have already expired

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Identify if timers associated with the manually closed movement are still running or have already expired
Task Type	Service task
Description	It is identified if any timers (i.e. TIM_EAD_ESAD, TIM_CHS and TIM_FDF) associated with the manually closed movement are still running or have already expired.
Actor	
Input Data	ARC TIM_FDF Expiry Date TIM_CHS Expiry Date Timer TIM_EAD_ESAD Expiry Date
Output Data	Result Identify if any timers associated with the manually closed movement are still running or have already expired
Previous Objects	Manual Closure of Movement performed/received at MSA of Dispatch and timers associated with the manually closed movement need to be handled
Information Exchange	
Requirements	
Data Set	
Events	
State	

Table 5.473: Task Identify if timers associated with the manually closed movement are still running or have already expired

Task Reset the flag of the timer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Reset the flag of the timer
Task Type	Service task
Description	Since the timer has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time).
Actor	
Input Data	ARC Result Identify if any timers associated with the interrupted movement are still running or have already expired

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Output Data	TIM_FDF Reset Flag Date TIM_EAD_ESAD Reset Flag Date TIM_CHS Reset Flag Date
Previous Objects	Have any timers already expired?
Information Exchange	
Requirements	ACO_FUR_0056
Data Set	
Events	
State	

Table 5.474: Task Reset the flag of the timer

Task Stop the timer

TASK ATTRIBUTE NAME	TASK ATTRIBUTE VALUE
Task Name	Stop the timer
Task Type	Service task
Description	Since the timer is still running, the MSA of Dispatch stops this timer.
Actor	
Input Data	ARC Result Identify if any timers associated with the interrupted movement are still running or have already expired
Output Data	TIM_FDF End Date TIM_CHS End Date TIM_CHS End Date
Previous Objects	Are any timers still running?
Information Exchange	
Requirements	ACO_FUR_0057
Data Set	
Events	
State	

Table 5.475: Task Stop the timer

Event Timers associated with the manually closed movement handled as necessary (e.g. either stopped or got flag reset)

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EVENT ATTRIBUTE NAME	EVENT ATTRIBUTE VALUE
Event Name	Timers associated with the manually closed movement handled as necessary (e.g. either stopped or got flag reset)
Event Type	End event
Description	The timers associated with the manually closed movement were handled as necessary (e.g. were either stopped or got flag reset).
Previous Objects	Stop the timer Are any timers still running? Reset the flag of the timer Have any timers already expired?

Table 5.476: Event Timers associated with the manually closed movement handled as necessary (e.g. either stopped or got flag reset)