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| Excise Functional Requirements BPM Report for Core |
| COVER PAGE |

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| OWNER: DG TAXUD | ISSUE DATE: 18/11/2021 | VERSION: 4.01 |
| <p>European Commission Taxation and Customs Union DG</p> <p>SUBJECT: Excise Functional Requirements BPM Report for Core SC11-RfA#667</p> | | |
| <p>FRAMEWORK CONTRACT: TAXUD/2013/CC/121</p> | | |
| <p>STATUS: MSI</p> | | |

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1. INTRODUCTION

1.1. Document Purpose

This document presents the L4 Functional Requirements Processes for Core. This 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/C2 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;

- 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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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 |
| SAAD | Simplified Administrative Accompanying Document |
| 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

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| Excise Functional Requirements BPM Report for Core |
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3. DOCUMENT HISTORY

| ED. | REV. | DATE | DESCRIPTION | ACTION * | PAGES |
|-----|------|------------|---|----------|-------------|
| 0 | 01 | 27/06/2014 | Producing the L4 models L4-CBC-01-01, L4-CBC-01-02, L4-CBC-01-03, L4-CBC-01-04 in accordance with RFA 314 Submitted for review to DG Taxation and Customs Union. | I,U | All |
| 1 | 00 | 17/12/2014 | Implementing reviewers' comments.Submitted for acceptance to DG Taxation and Customs Union. | I, U | As required |
| 1 | 01 | 24/12/2014 | Producing the L4 models L4-CBC-01-05, L4-CBC-01-06, L4-CBC-01-07, L4-CBC-01-08 in accordance with RFA 310 Submitted for review to DG Taxation and Customs Union. | I,U | As required |
| 1 | 02 | 06/02/2015 | Implementing reviewers' comments.Submitted for acceptance to DG Taxation and Customs Union. | I,U | As required |
| 1 | 03 | 24/04/2015 | Producing the L4 models L4-CORE-AS-IS-01-09, L4-CORE-AS-IS-01-10, L4-CORE-AS-IS-01-11, L4-CORE-AS-IS-01-12 in accordance with RFA 322 Submitted for review to DG Taxation and Customs Union. | I,U | As required |
| 1 | 04 | 04/06/2015 | Implementing reviewers' comments.Submitted for acceptance to DG Taxation and Customs Union. | I,U | As required |
| 1 | 05 | 01/07/2015 | Producing the L4 models L4-CORE-AS-IS-01-13, L4-CORE-AS-IS-01-14, L4-CORE-AS-IS-01-15 | I,U | As required |

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| | | | | | |
|---|----|------------|--|-----|-------------|
| | | | in accordance with RFA 322 - Package2. Submitted for review to DG Taxation and Customs Union. | | |
| 1 | 06 | 30/07/2015 | Implementing reviewers' comments. Submitted for acceptance to DG Taxation and Customs Union. | I,U | As required |
| 1 | 07 | 30/07/2015 | Producing the L4 requirements: COR_FUR_0001 COR_FUR_0002 COR_FUR_0003 COR_FUR_0004 COR_FUR_0005 COR_FUR_0006 COR_FUR_0007 COR_FUR_0008 COR_FUR_0009 COR_FUR_0010 COR_FUR_0011 COR_FUR_0012 COR_FUR_0013 COR_FUR_0014 COR_FUR_0015 COR_FUR_0016 COR_FUR_0017 COR_FUR_0018 COR_FUR_0019 COR_FUR_0020 COR_FUR_0021 COR_FUR_0022 in accordance with RFA: FD3-SC02-326 Left over diagrams from L3-L4 Core Business - part 1-BPMs | I,U | As required |
| 1 | 08 | 30/07/2015 | Producing the following L4 models: · L4-CORE-AS-IS-01-16-Download of an e-AD (Query) (FESS) · L4-CORE-AS-IS-01-17-Download of an e-AD (Results) (FESS) · IE717 control report C_CCR_DAT · IE721 administrative | I,U | As required |

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| | | | cooperation common request C_COO_SUB <ul style="list-style-type: none"> · 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 · IE701 common request C_REQ_SUB · IE702 refusal of common request C_REQ_REF · IE704 generic refusal message N_REJ_DAT · IE705 external request for reference data E_REQ_SUB · IE709 common system parameters C_PAR_DAT · IE713 operations on the register of economic operators C_QRO_DAT · IE714 refusal of update of economic operators C_QRO_REF · IE732 common list of codes C_COD_DAT · IE733 external list of codes E_COD_DAT · IE734 operations on the reference data base C_RDD_DAT · IE742 SEED statistics C_STA_VAL · IE770 business process | | |
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|--|--|--|--|--|--|
| | | | unavailability C_AVA_DAT · IE784 movement download request C_DOW_SUB · IE785 movement download answer C_DOW_RES · IE801 e-AD C_EAD_VAL · IE802 reminder message for Excise movement C_EXC_REM · IE803 notification of diverted e-AD C_EAD_NOT · IE810 cancellation of an e-AD C_CAN_DAT · IE813 change of destination C_UPD_DAT · IE815 submitted draft of e-AD N_EAD_SUB · IE818 report of receipt/export C_DEL_DAT · IE819 alert or rejection of an e-AD C_REJ_DAT · IE821 list of e-AD as result of a general query C_LST_VAL · IE825 submitted draft of splitting operation E_SPL_SUB · IE829 notification of accepted export C_EXP_NOT · IE837 explanation on delay for delivery C_DEL_EXP · IE838 history of a movement C_HIS_VAL · IE839 Customs rejection of e-AD C_CUS_REJ · IE861 basis for recovery of duties C_RES_DAT · IE871 explanation on reason for shortage C_SHR_EXP · IE904 STATUS REQUEST (C_STD_REQ) · IE905 STATUS RESPONSE (C_STD_RSP) · IE906 FUNCTIONAL NACK (C_FUN_NCK) · IE917 NEGATIVE ACKNOWLEDGEMENT OF XML RECEIPT (C_XML_NCK) · IE934 DATA PACKAGING (C_PAC_DAT) | | |
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|---|-----------|------------|--|-----|-------------|
| | | | in accordance with RfA: RfA-348 :Production of BPM AS-IS MADs. | | |
| | undefined | | Producing the following L4 models: <ul style="list-style-type: none"> L4-CORE-AS-IS-01-16-Download of an e-AD (Query) (FESS) L4-CORE-AS-IS-01-17-Download of an e-AD (Results) (FESS) in accordance with RfA: RfA-359. | | |
| 1 | 00 | 22/01/2016 | Implementing reviewers' comments. Submitted for acceptance to DG Taxation and Customs Union. | | |
| 1 | 11 | 29/01/2016 | Implementing reviewers' comments and also internal review comments. Submitted for acceptance to DG Taxation and Customs Union. | | |
| 1 | 12 | 26/05/2016 | Producing the L4 requirements: COR_FUR_0001 COR_FUR_0002 COR_FUR_0003 COR_FUR_0004 COR_FUR_0005 COR_FUR_0006 COR_FUR_0007 COR_FUR_0008 COR_FUR_0009 COR_FUR_0010 COR_FUR_0011 COR_FUR_0012 COR_FUR_0013 COR_FUR_0014 COR_FUR_0015 COR_FUR_0016 COR_FUR_0017 COR_FUR_0018 COR_FUR_0019 COR_FUR_0020 COR_FUR_0021 COR_FUR_0022 | I,U | As required |

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|---|----|------------|--|------|-----|
| | | | <p>in accordance with RFA: FD3-SC02-326 Left over diagrams from L3-L4 Core Business - part 1-BPMs (after the completion of the activity under RfA-348 :Production of BPM AS-IS MADs).</p> <p>Re-submitted for review to DG Taxation and Customs Union.</p> | | |
| 1 | 13 | 23/06/2016 | <p>Producing the L4 requirements:</p> <p>COR_FUR_0001 COR_FUR_0002 COR_FUR_0003 COR_FUR_0004 COR_FUR_0005 COR_FUR_0006 COR_FUR_0007 COR_FUR_0008 COR_FUR_0009 COR_FUR_0010 COR_FUR_0011 COR_FUR_0012 COR_FUR_0013 COR_FUR_0014 COR_FUR_0015 COR_FUR_0016 COR_FUR_0017 COR_FUR_0018 COR_FUR_0019 COR_FUR_0020 COR_FUR_0021 COR_FUR_0022</p> <p>in accordance with RFA: FD3-SC02-326 Left over diagrams from L3-L4 Core Business - part 1-BPMs (after the completion of the activity under RfA-348 :Production of BPM AS-IS MADs).</p> <p>Submitted for acceptance to DG Taxation and Customs Union.</p> | | |
| 1 | 14 | 03/03/2017 | 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 review to DG Taxation and Customs Union. | | |
| 1 | 15 | 15/06/2017 | Produced/Updated L4 Models and Artefacts (EMCS P3.3 Evolution & EMCS Baseline Completion) under SC04-RfA#393 Submitted for Acceptance to DG Taxation and Customs Union. | I, U | All |
| 1 | 16 | 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 | 17 | 04/08/2017 | Published for Member States (MSP). | I, U | All |
| 1 | 18 | 04/08/2017 | Submitted for Review to DG Taxation and Customs Union. | I, U | All |
| 1 | 19 | 02/05/2018 | Submitted for Acceptance to DG Taxation and Customs Union. | I, U | All |
| 1 | 20 | 02/05/2018 | Published for Member States (MSI). | I, U | All |
| 1 | 21 | 08/10/2018 | Implementation of EMCS 3.4 BPMs under SC05-RfA #525. Submitted for Review to DG Taxation and Customs Union. | I, U | All |
| 1 | 22 | 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 | 23 | 23/11/2018 | Published for Member States (MSI). | I, U | All |
| 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. | I, U | All |

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| | | | Submitted for Acceptance to DG Taxation and Customs Union. | | |
| 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 |

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 | The excise office that receives the External Domain message. This can be the MSA of Dispatch or the MSA of Destination. |
| Former Consignee | The Consignee mentioned in the original e-AD/e-SAD and which is no longer the Consignee of the movement, due to a Change of Destination or Splitting performed on the specific movement. |
| 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. |
| Excise officer | The Excise Officer performs operational duties that belong to the MSA in EMCS movement. |
| 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</p> |

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| | to one or more specific types of consignors or of consignees). |
| Receiving MSA | The excise office that receives the Common Domain message. This can be any MSA, i.e. the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA. |
| Dummy pool 2 | Actor 'Dummy Pool2' is included in the 'L4-CORE-Dummy' process which is actually used to link specific messages (e.g. IE829, IE839, IE732, IE770, IE709, IE934), in order for these messages to be included in the produced BPM reports. |
| Customs Office of Export | The customs office designated by the customs authorities in accordance with the customs legislation where for goods leaving the customs territory of the Union the formalities for placing them under the export procedure are to be carried out or where a re-export notification is to be lodged, where applicable. |
| Sending MSA | The excise office that sends the Common Domain message. This can be any MSA, i.e. the MSA of Dispatch, the MSA of Destination/ MSA of Export or a third MSA. |
| Claiming MSA | The MSA that estimates having the right to claim a part of duties on shortages and Excesses. |
| Dummy pool | Actor 'Dummy Pool' is included in the 'L4-CORE-Dummy' process which is actually used to link specific messages (e.g. IE829, IE839, IE732, IE770, IE709, IE934), in order for these messages to be included in the produced BPM reports. |
| MSA of Destination | The excise office that monitors the incoming traffic, i.e. the goods entering into tax warehouse. |
| 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> |
| Excise Authority | |
| EMCS | EMCS (Excise Movement and Control System) is a computerised system for monitoring movements of excise goods within the EU. |
| Economic Operator | Any economic operator involved at a given movement either as Consignor or as a Consignee. |

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5. PROCESS MODELS

5.1. Process L4-CORE-01-00-Core Master Process

5.1.1. Objective of Process

The purpose of this diagram is to present in one diagram the main flow concerning Core 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-CORE-01-00 |
| Full Name | Core Master Process |
| Assumptions | 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). |
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.1: Process Details

5.1.3. Tasks and Events

Task Submit and Register e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Submit and Register e-AD/e-SAD |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Excise Goods to be moved inside the territory of the European Union |

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| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.2: Task Submit and Register e-AD/e-SAD

Task Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF) |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Has timer TIM_FDF expired? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.3: Task Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF)

Event Excise Goods to be moved inside the territory of the European Union

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Excise Goods to be moved inside the territory of the European Union |
| Event Type | Start event |
| Description | |
| Previous Objects | |

Table 5.4: Event Excise Goods to be moved inside the territory of the European Union

Task Perform Alert or Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------------|
| Task Name | Perform Alert or Rejection |

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|----------------------|---|
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Decision to perform Alert or Rejection? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.5: Task Perform Alert or Rejection

Task Issue reminder at expiry of timer for Change of Destination (TIM_CHS)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Issue reminder at expiry of timer for Change of Destination (TIM_CHS) |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Appears also in the following processes | L4-CORE-01-00-Core Master Process |
| Input Data | |
| Output Data | |
| Previous Objects | Has timer TIM_CHS expired? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.6: Task Issue reminder at expiry of timer for Change of Destination (TIM_CHS)

Task Issue Reminder at expiry of time limit for Report of Receipt/Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Issue Reminder at expiry of time limit for Report of Receipt/Export |

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| Excise Functional Requirements BPM Report for Core |
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| | |
|----------------------|---------------------------------|
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Has timer TIM_EAD_ESAD expired? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.7: Task Issue Reminder at expiry of time limit for Report of Receipt/Export

Task Perform Report of Receipt/Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Perform Report of Receipt/Export |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Issue Reminder at expiry of time limit for Report of Receipt/Export Has timer TIM_EAD_ESAD expired? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.8: Task Perform Report of Receipt/Export

Task Manage Explanations on Reason for Shortages or Excesses

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Manage Explanations on Reason for Shortages or Excesses |
| Task Type | Call activity (collapsed) |

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| Excise Functional Requirements BPM Report for Core |
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|----------------------|---|
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Are Shortages or Excesses declared in the Report of Receipt/Export? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.9: Task Manage Explanations on Reason for Shortages or Excesses

Task Manage Information on Intended Claims

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Manage Information on Intended Claims |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Manage Explanations on Reason for Shortages or Excesses |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.10: Task Manage Information on Intended Claims

Task Perform Cancellation of the e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------------------|
| Task Name | Perform Cancellation of the e-AD |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |

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|----------------------|--|
| Input Data | |
| Output Data | |
| Previous Objects | Movement to be Cancelled? (Duty Suspension only) |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.11: Task Perform Cancellation of the e-AD

Event Delivery has been accepted and Movement has ended

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Delivery has been accepted and Movement has ended |
| Event Type | End event |
| Description | |
| Previous Objects | What does the Report of Receipt/Export indicate? |

Table 5.12: Event Delivery has been accepted and Movement has ended

Task Issue reminder at expiry of timer for Change of Destination (TIM_CHS)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Issue reminder at expiry of timer for Change of Destination (TIM_CHS) |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Appears also in the following processes | L4-CORE-01-00-Core Master Process |
| Input Data | |
| Output Data | |
| Previous Objects | Has timer TIM_CHS expired? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |

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| State | |
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Table 5.13: Task Issue reminder at expiry of timer for Change of Destination (TIM_CHS)

Event e-AD has been Cancelled

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|----------------------------------|
| Event Name | e-AD has been Cancelled |
| Event Type | End event |
| Description | |
| Previous Objects | Perform Cancellation of the e-AD |

Table 5.14: Event e-AD has been Cancelled

Task Perform Splitting of the Consignment

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Perform Splitting of the Consignment |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |
| Output Data | |
| Previous Objects | Movement to be Split or Destination to be Changed? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.15: Task Perform Splitting of the Consignment

Task Perform Change of Destination for the Consignment

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform Change of Destination for the Consignment |
| Task Type | Call activity (collapsed) |
| Description | |
| Actor | Excise Authority |
| Input Data | |

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|----------------------|--|
| Output Data | |
| Previous Objects | Movement to be Split or Destination to be Changed? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.16: Task Perform Change of Destination for the Consignment

Event The e-AD has been replaced by two or several new e-ADs

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | The e-AD has been replaced by two or several new e-ADs |
| Event Type | End event |
| Description | |
| Previous Objects | Perform Splitting of the Consignment |

Table 5.17: Event The e-AD has been replaced by two or several new e-ADs

5.2. Process L4-CORE-01-01-Submit and Register e-AD/e-SAD

5.2.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the e-AD/e-SAD for 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 origin of the movement of Excise Goods under suspension of Excise Duty can be a Tax warehouse or Import. The destination of the movement of Excise Goods (under suspension of Excise Duty) can be a Tax warehouse, a Registered consignee, a Temporary registered consignee, a Direct Delivery, an Exempted consignee (*) or Export.

The origin of the movement of Excise Goods for Duty Paid B2B can be 'Duty Paid B2B'. The destination of the movement of Excise Goods for Duty Paid B2B can be a Certified consignee or a Temporary certified consignee.

The process is triggered when the EMCS at MSA of Dispatch receives a draft e-AD/e-SAD (IE815) from the Consignor. After the receipt of the draft e-AD/e-SAD, the EMCS at the MSA of Dispatch validates its data, by using the "Perform validation of draft e-AD/e-SAD" sub process. Then, the EMCS at MSA of Dispatch proceeds with the handling of the validation results by using the "Handle validation results of draft e-AD/e-SAD" call activity. Depending on the outcome (end event) of the "Handle validation results of draft e-AD/e-SAD" call activity, the following may happen:

- a. If a refusal message (IE917/IE704) is sent to the Consignor (since the draft e-AD/e-SAD was found invalid), the whole process ends at this point;

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b. If the e-AD/e-SAD (IE801) is recorded (since the draft e-AD/e-SAD was found valid), the process continues.

Then, the EMCS at MSA of Dispatch sets the state of the e-AD/e-SAD to Accepted or Accepted for Export (in case of Local Clearance at Export) and notifies the Consignor of the e-AD/e-SAD (IE801).

Following, the EMCS at MSA of Dispatch identifies whether the destination of the movement is known:

- In case the destination of the movement is unknown -only applicable for movements under suspension (i.e. the destination fields were left empty according to Article 22(1) and (2)), the EMCS at MSA of Dispatch starts the timer TIM_FDF (to expire at the limit date for filling in these fields) and the process continues;
- In case the destination of the movement is known, the EMCS at MSA of Dispatch notifies the MSA of Destination/ MSA of Export of the e-AD/e-SAD (IE801) and the process continues.

Then, the EMCS at MSA of Dispatch starts the timer TIM_EAD_ESAD at the date of dispatch (to expire at the expected end of movement, i.e. date of dispatch plus journey time - with the addition, for a Duty Paid movement, of the value of the common system parameter “Time To Complete Fiscal Formalities for Duty Paid Movements”) and the process continues.

After the receipt of the e-AD/e-SAD, the EMCS at MSA of Destination/ MSA of Export proceeds with validating its data, by using the “Perform validation of e-AD/e-SAD” 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 e-AD/e-SAD” call activity. Depending on the outcome (end event) of the “Handle validation results of e-AD/e-SAD” call activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the e-AD/e-SAD was found invalid), the whole process ends at this point;
- If the e-AD/e-SAD is recorded (since the e-AD/e-SAD was found valid), the process continues.

Then, the EMCS at MSA of Destination/ MSA of Export sets state of the e-AD/e-SAD to Accepted or Accepted for Export (in case of Local Clearance at Export). After this:

- In case of MSA of Export, the whole process ends here;
- In case of MSA of Destination, the EMCS at MSA of Destination notifies the Consignee of the e-AD/e-SAD (IE801) and the whole process ends.

(*) The exempted consignees (Article 11 and 12 of the (EU) 2020/262) will be dealt separately.

5.2.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|--|
| Process ID | L4-CORE-01-01 |
| Full Name | Submit and Register an e-AD/e-SAD |
| Assumptions | <ul style="list-style-type: none"> • The e-AD should be submitted as short as possible before the day of dispatch, no longer than 1 week (7 calendar days) before this day. |

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| Excise Functional Requirements BPM Report for Core |
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| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-01-Submit and Register an e-AD |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.18: Process Details

5.2.3. Tasks and Events

Task Perform validation of draft e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validation of draft e-AD/e-SAD |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Draft e-AD/e-SAD received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.19: Task Perform validation of draft e-AD/e-SAD

Event Draft e-AD/e-SAD received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Draft e-AD/e-SAD received |
| Event Type | Message start event |
| Description | The current process starts when the MSA of Dispatch receives a draft e-AD/e-SAD (IE815) from the Consignor. |
| Appears also in the following processes | 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Previous Objects | Consignor |

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Table 5.20: Event Draft e-AD/e-SAD received

Task Handle validation results of draft e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of draft e-AD/e-SAD |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of draft e-AD/e-SAD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.21: Task Handle validation results of draft e-AD/e-SAD

Event Refusal message sent to Consignor since draft e-AD/e-SAD had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to Consignor since draft e-AD/e-SAD had been found invalid |
| Event Type | End event |
| Description | |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.22: Event Refusal message sent to Consignor since draft e-AD/e-SAD had been found invalid

Event e-AD/e-SAD recorded since draft e-AD/e-SAD had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD/e-SAD recorded since draft e-AD/e-SAD had been found valid |
| Event Type | Conditional intermediate event |
| Description | The e-AD (IE801) was recorded since the draft e-AD (IE815) had been found valid and the process continues. |
| Previous Objects | What is the outcome of the handling of validation results? |

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Table 5.23: Event e-AD/e-SAD recorded since draft e-AD/e-SAD had been found valid

Task Set e-AD/e-SAD state to Accepted or Accepted for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Set e-AD/e-SAD state to Accepted or Accepted for Export |
| Task Type | Service task |
| Description | <p>If the movement is not for Local Clearance at Export, the MSA sets the e-AD/e-SAD to the Accepted state.</p> <p>If the movement is for Local Clearance at Export, the MSA sets the e-AD to the Accepted for Export state</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | e-AD/e-SAD recorded since draft e-AD/e-SAD had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0001 |
| Data Set | e-AD/e-SAD state |
| Events | <p>the Destination Type of the movement is anything but “6 = Destination - Export”</p> <p>the Destination Type of the movement is “6 = Destination - Export”</p> |
| State | Accepted Accepted for Export |

Table 5.24: Task Set e-AD/e-SAD state to Accepted or Accepted for Export

Task Notify Consignor of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--------------------------------|
| Task Name | Notify Consignor of e-AD/e-SAD |
| Task Type | Send task |

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|---|--|
| Description | The MSA of Dispatch notifies the Consignor of the e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-19-Forward e-AD(s) to Consignor 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Set e-AD/e-SAD state to Accepted or Accepted for Export |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0002 |
| Data Set | |
| Events | |
| State | |

Table 5.25: Task Notify Consignor of e-AD/e-SAD

Task Identify whether Destination of the movement is known (Duty Suspension only)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether Destination of the movement is known (Duty Suspension only) |
| Task Type | Service task |
| Description | <p>The MSA of Dispatch identifies whether the destination of the movement is known (i.e. whether the destination fields in the e-AD/e-SAD (IE801) are filled in).</p> <p>Note: This task is only performed for movements of goods under duty suspension.</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | ARC Destination Type Code Sequence Number |
| Output Data | Result Identify whether the destination of the movement is known |
| Previous Objects | Notify Consignor of e-AD/e-SAD |

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| | |
| Information Exchange | |
| Requirements | COR_FUR_0003 |
| Data Set | |
| Events | |
| State | |

Table 5.26: Task Identify whether Destination of the movement is known (Duty Suspension only)

Task Start timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Start timer TIM_FDF |
| Task Type | Service task |
| Description | <p>If the destination of the movement is unknown (i.e. the destination fields were left empty according to Article 22 of Council Directive 2020/262), the MSA of Dispatch starts a timer (TIM_FDF) to expire at the limit date for filling in these fields.</p> <p>That limit date cannot be later than the expected end of movement (i.e. the expiry of the TIM_EAD_ESAD timer).</p> <p>TIM_FDF is a timer associated with the filling in of destination fields (Article 22(1) of Directive 2020/262). Its Expiry Date is Date of dispatch + national parameter and cannot be more than the expiry date of TIM_EAD_ESAD.</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | Result Identify whether the destination of the movement is known Sequence Number ARC |
| Output Data | TIM_FDF Expiry Date |
| Previous Objects | Is the destination of the movement known? |
| Information Exchange | |
| Requirements | COR_FUR_0004 |
| Data Set | |

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| Events | |
| State | |

Table 5.27: Task Start timer TIM_FDF

Task Notify MSA of Destination/ MSA of Export of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |
| Task Type | Send task |
| Description | If the destination of the movement is known, the MSA of Dispatch notifies the MSA of Destination/ MSA of Export of the e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Is the destination of the movement known? |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0005 |
| Data Set | |
| Events | |
| State | |

Table 5.28: Task Notify MSA of Destination/ MSA of Export of e-AD/e-SAD

Task Start timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Start timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | When the submitted e-AD/e-SAD is valid, the MSA dispatch application starts the TIM_EAD_ESAD timer to expire at the expected end of the movement, which is the date of dispatch plus the journey time for Duty Suspension movements, while for Duty Paid movements it is the date of dispatch plus the journey time plus the offset defined in the common system parameter “Time To Complete Fiscal Formalities for Duty Paid Movements”. |

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| Excise Functional Requirements BPM Report for Core |
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|---|--|
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-19-Forward e-AD(s) to Consignor 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | ARC Sequence Number |
| Output Data | Timer TIM_EAD_ESAD Expiry Date |
| Previous Objects | Merging gateway for timers initiation |
| Information Exchange | |
| Requirements | COR_FUR_0006 |
| Data Set | |
| Events | |
| State | |

Table 5.29: Task Start timer TIM_EAD_ESAD

Event e-AD/e-SAD received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | e-AD/e-SAD received |
| Event Type | Message start event |
| Description | The MSA of Destination received the e-AD/e-SAD (IE801) from the MSA of Dispatch. |
| Appears also in the following processes | 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |

Table 5.30: Event e-AD/e-SAD received

Task Perform validation of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|-------------------------------|---|
| Task Name | Perform validation 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 |
| Appears also in the following | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|---|
| processes | L4-CORE-AS-IS-01-0x-Perform change of destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | |
| Output Data | |
| Previous Objects | e-AD/e-SAD received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.31: Task Perform validation of e-AD/e-SAD

Event e-AD/e-SAD is in Accepted or Accepted for Export state is in Accepted or Accepted for Export state

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | e-AD/e-SAD is in Accepted or Accepted for Export state is in Accepted or Accepted for Export state |
| Event Type | End event |
| Description | The e-AD/e-SAD is in the Accepted or Accepted for Export state. |
| Appears also in the following processes | 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Previous Objects | Start timer TIM_EAD_ESAD |

Table 5.32: Event e-AD/e-SAD is in Accepted or Accepted for Export state is in Accepted or Accepted for Export state

Task Handle validation results of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results 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 |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-AS-IS-01-0x-Perform change of destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|----------------------------------|
| Output Data | |
| Previous Objects | Perform validation of e-AD/e-SAD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.33: Task Handle validation results of e-AD/e-SAD

Event Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the e-AD/e-SAD (IE801) had been found invalid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform change of destination |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.34: Event Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid

Event e-AD/e-SAD recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | e-AD/e-SAD recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The e-AD/e-SAD (IE801) was recorded since it had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform change of destination |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.35: Event e-AD/e-SAD recorded since it had been found valid

Task Set e-AD/e-SAD state to Accepted or Accepted for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
|---------------------|----------------------|

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|---|---|
| Task Name | Set e-AD/e-SAD state to Accepted or Accepted for Export |
| Task Type | Service task |
| Description | <p>If the movement is not for Local Clearance at Export, the MSA sets the e-AD/e-SAD to the Accepted state.</p> <p>If the movement is for Local Clearance at Export, the MSA sets the e-AD to the Accepted for Export state</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | e-AD/e-SAD recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0001 |
| Data Set | e-AD/e-SAD state |
| Events | <p>the Destination Type of the movement is anything but “6 = Destination - Export”</p> <p>the Destination Type of the movement is “6 = Destination - Export”</p> |
| State | Accepted Accepted for Export |

Table 5.36: Task Set e-AD/e-SAD state to Accepted or Accepted for Export

Task Notify Consignee of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Notify Consignee of e-AD/e-SAD |
| Task Type | Send task |
| Description | The MSA of Destination notifies the Consignee of the e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination 2014_3_L4-CBC-01-01-Submit and Register e-AD |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|--|
| | |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Is the destination of the movement for Export? |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0007 |
| Data Set | |
| Events | |
| State | |

Table 5.37: Task Notify Consignee of e-AD/e-SAD

Event e-AD found valid and received by MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | e-AD found valid and received by MSA of Export |
| Event Type | End event |
| Description | The e-AD (IE801) was found valid and received by MSA of Export. At this point the process ends. |
| Previous Objects | Is the destination of the movement for Export? |

Table 5.38: Event e-AD found valid and received by MSA of Export

Event e-AD/e-SAD found valid and message sent to Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD/e-SAD found valid and message sent to Consignee |
| Event Type | End event |
| Description | The e-AD/e-SAD (IE801) was found valid, the MSA of Destination sent the e-AD/e-SAD (IE801) to the Consignee and the process ends. |
| Appears also in the following processes | 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Previous Objects | Notify Consignee of e-AD/e-SAD |

Table 5.39: Event e-AD/e-SAD found valid and message sent to Consignee

5.3. Process L4-CORE-01-02-Perform Report of Receipt/Export

5.3.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the Report of Receipt/Export for an Excise movement (inside the territory of the European Union), in accordance with the current Common Specifications (FESS and DDNEA).

The process is triggered when:

- The EMCS at MSA of Destination receives a draft Report of Receipt (draft IE818) from the Consignee; or
- The EMCS at MSA of Export receives Exit Results (IE518) from the Customs Office of Export.

In case the process starts when the EMCS at MSA of Destination receives a draft Report of Receipt (draft IE818) from the Consignee, the EMCS at MSA of Destination proceeds with validating the data of the draft Report of Receipt, by using the “Perform validation of draft Report of Receipt” sub process. Then, the EMCS at MSA of Destination proceeds with the handling of the validation results by using the “Handle validation results of draft Report of Receipt” call activity. Depending on the outcome (end event) of the “Handle validation results of draft Report of Receipt” call activity, the following may happen:

- a. If a refusal message (IE917/IE704) is sent to the Consignee (since the e-AD/e-SAD was found invalid), the whole process ends at this point;
- b. If the Report of Receipt (IE818) is recorded (since the draft Report of Receipt was found valid), the process continues.

Then, the EMCS at MSA of Destination identifies whether the content of the Report of Receipt indicates that the consignment has been accepted, partially refused or refused. Based on this, it changes the e-AD/e-SAD state to Delivered, Partially Refused or Refused, respectively. After this, the EMCS at MSA of Destination notifies the Consignee of the Report of Receipt (IE818) and the process continues.

In case the process starts when the EMCS at MSA of Export receives Exit Results (IE518) from the Customs Office of Export, the EMCS at MSA of Export identifies whether the content of the Exit Results indicates that the consignment has been accepted or refused. Based on this, it builds either a Report of Export (IE818) indicating acceptance or a Report of Export (IE818) indicating refusal, respectively. Subsequently, the EMCS at MSA of Export records the Report of Export. Then, it changes the e-AD/e-SAD state to Delivered or Refused and the process continues.

Then, the EMCS at MSA of Destination/ MSA of Export notifies the MSA of Dispatch of the Report of Receipt/Export (IE818). After the receipt of the Report of Receipt/Export, the EMCS at MSA of Dispatch proceeds with validating its data, by using the “Perform validation of Report of Receipt/Export” sub process. Then, the EMCS at MSA of Dispatch proceeds with the handling of the validation results by using the “Handle validation results of Report of Receipt/Export” call activity. Depending on the outcome (end event) of the “Handle validation results of Report of Receipt/Export” call activity, the following may happen:

- a. If a refusal message (IE917/IE906) is sent to the MSA of Destination/ MSA of Export (since the Report of Receipt/Export was found invalid), the whole process ends at this point;
- b. If the Report of Receipt/Export is recorded (since the Report of Receipt/Export was found valid), the process continues.

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| Excise Functional Requirements BPM Report for Core |
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Then, the EMCS at MSA of Dispatch identifies whether it is a Report of Receipt or a Report of Export. In case of Report of Receipt, the EMCS at MSA of Dispatch identifies whether the content of the Report of Receipt indicates that the consignment has been accepted, partially refused or refused. Based on this, it changes the e-AD/e-SAD state to Delivered, Partially Refused or Refused, respectively. In case of Report of Export, the EMCS at MSA of Dispatch identifies whether the content of the Report of Export indicates that the consignment has been accepted or refused. Based on this, it changes the e-AD/e-SAD state to Delivered or Refused, respectively. After this, the EMCS at MSA of Dispatch notifies the Consignor of the Report of Receipt/Export (IE818) and the process continues.

Following, in case the Report of Receipt/Export indicated that the consignment has been partially refused or refused, the EMCS at MSA of Dispatch starts the timer TIM_CHS (to expire at the limit date for submission of a change of destination (IE813) or splitting (IE825)) and the whole process ends here.

In case the Report of Receipt/Export indicated that the consignment has been accepted, the EMCS at MSA of Dispatch identifies whether the timer TIM_EAD_ESAD is still running:

- If the TIM_EAD_ESAD is still running, the EMCS at MSA of Dispatch stops this timer (that was to expire at the expected end of the movement) and the whole process ends;
- If the TIM_EAD_ESAD has already expired, the EMCS at MSA of Dispatch resets the flag that has been raised locally (at expiration time) and finally the whole process ends.

5.3.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-02 |
| Full Name | Perform Report of Receipt/Export |
| Assumptions | The Consignee has an up-to-date copy of the e-AD regarding the movement |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-02-Perform Report of Receipt/ Export |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.40: Process Details

5.3.3. Tasks and Events

Task Identify whether the Consignment has been Accepted or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Identify whether the Consignment has been Accepted or Refused |
| Task Type | Service task |

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|----------------------|--|
| Description | The MSA identifies if the Consignment has been accepted (accepted and satisfactory or accepted although unsatisfactory) or refused, based on the Control Result Code of the received Exit Results (IE518). |
| Actor | EMCS |
| Input Data | UCC - Control Result Code |
| Output Data | Result Identify whether the Consignment has been Accepted or Refused |
| Previous Objects | Exit Results received |
| Information Exchange | |
| Requirements | COR_FUR_0008 |
| Data Set | |
| Events | |
| State | |

Table 5.41: Task Identify whether the Consignment has been Accepted or Refused

Event Exit Results received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Exit Results received |
| Event Type | Message start event |
| Description | The current process can start when the MSA of Export receives Exit Results (IE518) from the Customs Office of Export. |
| Previous Objects | Customs Office of Export |

Table 5.42: Event Exit Results received

Task Build Report of Export indicating Refusal

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Build Report of Export indicating Refusal |
| Task Type | Service task |
| Description | If the Consignment has been refused the MSA of Export builds a Report of Export (IE818) indicating Refusal. |
| Actor | EMCS |
| Input Data | UCC - Control Result Code |
| Output Data | |

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| Excise Functional Requirements BPM Report for Core |
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| | |
|----------------------|---|
| Previous Objects | Is the Consignment Accepted or Refused? |
| Information Exchange | Report of Receipt/Export |
| Requirements | COR_FUR_0009 |
| Data Set | |
| Events | |
| State | |

Table 5.43: Task Build Report of Export indicating Refusal

Task Build Report of Export indicating Acceptance

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Build Report of Export indicating Acceptance |
| Task Type | Service task |
| Description | If the Consignment has been accepted, the MSA of Export builds a Report of Export (IE818) indicating Acceptance. |
| Actor | EMCS |
| Input Data | UCC - Control Result Code |
| Output Data | |
| Previous Objects | Is the Consignment Accepted or Refused? |
| Information Exchange | Report of Receipt/Export |
| Requirements | COR_FUR_0010 |
| Data Set | |
| Events | |
| State | |

Table 5.44: Task Build Report of Export indicating Acceptance

Task Perform validation of draft Report of Receipt

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform validation of draft Report of Receipt |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|----------------------------------|
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Draft Report of Receipt received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.45: Task Perform validation of draft Report of Receipt

Event Draft Report of Receipt received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Draft Report of Receipt received |
| Event Type | Message start event |
| Description | The current process can start when the MSA of Destination receives a draft Report of Receipt (IE818) from the Consignee. |
| Previous Objects | Consignee |

Table 5.46: Event Draft Report of Receipt received

Task Handle validation results of draft Report of Receipt

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of draft Report of Receipt |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of draft Report of Receipt |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |

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| Excise Functional Requirements BPM Report for Core |
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| State | |
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Table 5.47: Task Handle validation results of draft Report of Receipt

Task Record Report of Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Record Report of Export |
| Task Type | Service task |
| Description | The Report of Export (IE818) is stored. |
| Actor | EMCS |
| Input Data | C_DEL_DAT |
| Output Data | C_DEL_DAT |
| Previous Objects | Build Report of Export indicating Refusal Build Report of Export indicating Acceptance |
| Information Exchange | |
| Requirements | COR_FUR_0011 |
| Data Set | |
| Events | |
| State | |

Table 5.48: Task Record Report of Export

Event Refusal message sent to Consignee since draft Report of Receipt had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to Consignee since draft Report of Receipt had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to the Consignee since the draft Report of Receipt (IE818) had been found invalid and the process ends. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.49: Event Refusal message sent to Consignee since draft Report of Receipt had been found invalid

Task Perform change of e-AD/e-SAD state to Delivered or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Perform change of e-AD/e-SAD state to Delivered or Refused |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|---|---|
| Task Type | Service task |
| Description | If the Consignment has been accepted the state of the e-AD/e-SAD is changed to Delivered. If the Consignment has been refused the state of the e-AD/e-SAD is changed to Refused. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | ARC Sequence Number Global Conclusion of Receipt |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Record Report of Export |
| Information Exchange | |
| Requirements | COR_FUR_0012 |
| Data Set | e-AD/e-SAD state |
| Events | A Report of Export indicating acceptance has been recorded A Report of Export indicating refusal has been recorded |
| State | Delivered Refused |

Table 5.50: Task Perform change of e-AD/e-SAD state to Delivered or Refused

Event Report of Receipt recorded since draft Report of Receipt had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Report of Receipt recorded since draft Report of Receipt had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Report of Receipt (IE818) was recorded since the draft Report of Receipt (IE818) had been found valid and the process continues. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.51: Event Report of Receipt recorded since draft Report of Receipt had been found valid

Task Identify whether the Consignment has been Accepted, Partially Refused or Refused

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| Excise Functional Requirements BPM Report for Core |
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| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the Consignment has been Accepted, Partially Refused or Refused |
| Task Type | Service task |
| Description | The MSA identifies if the Consignment has been accepted (accepted and satisfactory or accepted although unsatisfactory), partially refused or refused based on the Global Conclusion of Receipt of the received Report of Receipt (IE818). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | Global Conclusion of Receipt Sequence Number ARC |
| Output Data | Result Identify whether the Consignment has been Accepted, Partially Refused or Refused |
| Previous Objects | Report of Receipt recorded since draft Report of Receipt had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0013 |
| Data Set | |
| Events | |
| State | |

Table 5.52: Task Identify whether the Consignment has been Accepted, Partially Refused or Refused

Task Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused |
| Task Type | Service task |
| Description | If the Consignment has been accepted the state of the e-AD/e-SAD is changed to Delivered. If the Consignment has been partially refused the state of the e-AD/e-SAD is changed to Partially Refused. If the Consignment has been refused the state of the e-AD/e-SAD is changed to Refused. |
| Actor | EMCS |

| |
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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|---|---|
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | Global Conclusion of Receipt Sequence Number ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Identify whether the Consignment has been Accepted, Partially Refused or Refused |
| Information Exchange | |
| Requirements | COR_FUR_0014 |
| Data Set | e-AD/e-SAD state |
| Events | A Report of Receipt indicating refusal has been recorded A Report of Receipt indicating acceptance has been recorded A Report of Receipt indicating partial refusal has been recorded |
| State | Refused Partially Refused Delivered |

Table 5.53: Task Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused

Task Notify Consignee of the Report of Receipt

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify Consignee of the Report of Receipt |
| Task Type | Send task |
| Description | The MSA of Destination notifies the Consignee of the Report of Receipt (IE818). |
| Actor | EMCS |
| Input Data | C_DEL_DAT |
| Output Data | |
| Previous Objects | Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused |
| Information Exchange | Report of Receipt/Export |
| Requirements | COR_FUR_0015 |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| | |
| Data Set | |
| Events | |
| State | |

Table 5.54: Task Notify Consignee of the Report of Receipt

Event Report of Receipt/Export received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Report of Receipt/Export received |
| Event Type | Message start event |
| Description | The MSA of Dispatch received the Report of Receipt/Export (IE818) from the MSA of Destination. |
| Previous Objects | Notify MSA of Dispatch of Report of Receipt/Export |

Table 5.55: Event Report of Receipt/Export received

Task Perform validation of Report of Receipt/Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validation of Report of Receipt/Export |
| 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 | Report of Receipt/Export received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.56: Task Perform validation of Report of Receipt/Export

Task Manage Duty

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
| Task Name | Manage Duty |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| Task Type | Subprocess |
|----------------------|--|
| Description | <p>The MSA of Destination performs any necessary formalities to ensure that the consignee has fulfilled all his/her legal obligations (e.g. payment of excise duty), before forwarding the Report of Receipt for a duty paid B2B movement to the MSA of Dispatch.</p> <p>It shall be highlighted that the Report of Receipt for Duty Paid B2B movements has two different implications depending on the transmitter.</p> <ul style="list-style-type: none"> - from consignee to MS of Destination (“goods have been received”) - from MS of Destination to MS of Dispatch (“all necessary formalities fulfilled at destination” and consequently refund allowed) <p>The MSA of Destination performs any necessary formalities to ensure that the consignee has fulfilled all his/her legal obligations (e.g. payment of excise duty), before forwarding the Report of Receipt for a duty paid B2B movement to the MSA of Dispatch. Therefore, it shall be noted that since there are additional fiscal formalities to be handled by the MSA destination application upon the reception of the Report of Receipt (IE818) from the consignee, there may be a delay in the sending of the Report of Receipt (IE818) from the MSA destination application to the MSA dispatch application. Once the applicable fiscal formalities are handled, the MSA destination application sends back the validated RoR to the consignee as a confirmation that the consignee has taken delivery of the goods and that all required formalities have been fulfilled at destination.”</p> <p>*This task is not modeled in a separate process because it is a national matter.</p> |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Is it a Duty Paid movement? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.57: Task Manage Duty

Task Handle validation results of Report of Receipt/Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Handle validation results of Report of Receipt/Export |

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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 |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of Report of Receipt/Export |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.58: Task Handle validation results of Report of Receipt/Export

Task Notify MSA of Dispatch of Report of Receipt/Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify MSA of Dispatch of Report of Receipt/Export |
| Task Type | Send task |
| Description | <p>The MSA of Destination notifies the MSA of Dispatch of Report of Receipt/Export (IE818).</p> <p>It shall be highlighted that the Report of Receipt for Duty Paid B2B movements has two different implications depending on the transmitter.</p> <ul style="list-style-type: none"> - from consignee to MS of Destination (“goods have been received”) - from MS of Destination to MS of Dispatch (“all necessary formalities fulfilled at destination” and consequently refund allowed) |
| Actor | EMCS |
| Input Data | C_DEL_DAT |
| Output Data | |
| Previous Objects | <p>Manage Duty</p> <p>Is it a Duty Paid movement?</p> <p>Perform change of e-AD/e-SAD state to Delivered or Refused</p> |
| Information Exchange | Report of Receipt/Export |
| Requirements | COR_FUR_0016 |

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| Data Set | |
| Events | |
| State | |

Table 5.59: Task Notify MSA of Dispatch of Report of Receipt/Export

Event e-AD/e-SAD state changed into Delivered, Partially Refused or Refused

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | e-AD/e-SAD state changed into Delivered, Partially Refused or Refused |
| Event Type | End event |
| Description | The e-AD/e-SAD state at the MSA of Destination/ MSA of Export changed to Delivered, Partially Refused or Refused. |
| Previous Objects | Notify MSA of Dispatch of Report of Receipt/Export |

Table 5.60: Event e-AD/e-SAD state changed into Delivered, Partially Refused or Refused

Event Refusal message sent to MSA of Destination/ MSA of Export since Report of Receipt/Export had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to MSA of Destination/ MSA of Export since Report of Receipt/Export had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to the MSA of Destination/ MSA of Export since the Report of Receipt/Export (IE818) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.61: Event Refusal message sent to MSA of Destination/ MSA of Export since Report of Receipt/Export had been found invalid

Event Report of Receipt/Export recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Report of Receipt/Export recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Report of Receipt/Export (IE818) 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 5.62: Event Report of Receipt/Export recorded since it had been found valid

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Task Identify whether it is Report of Receipt or Report of Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Identify whether it is Report of Receipt or Report of Export |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies if the received IE818 is a Report of Receipt or Report of Export. (This check can be done based on the Global Conclusion of Receipt of the received IE818). |
| Actor | EMCS |
| Input Data | Global Conclusion of Receipt Sequence Number ARC |
| Output Data | Result Identify whether it is Report of Receipt or Report of Export |
| Previous Objects | Report of Receipt/Export recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0017 |
| Data Set | |
| Events | |
| State | |

Table 5.63: Task Identify whether it is Report of Receipt or Report of Export

Task Identify whether the Consignment has been Accepted or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Identify whether the Consignment has been Accepted or Refused |
| Task Type | Service task |
| Description | The MSA identifies if the Consignment has been accepted (accepted and satisfactory or accepted although unsatisfactory) or refused, based on the Global Conclusion of Receipt of the received Report of Export (IE818). |
| Actor | EMCS |
| Input Data | Global Conclusion of Receipt Sequence Number ARC |
| Output Data | Result Identify whether the Consignment has been Accepted or Refused for a Report for Export |

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|----------------------|--|
| Previous Objects | Report of Receipt or Report of Export? |
| Information Exchange | Report of Receipt/Export Report of Receipt/Export |
| Requirements | COR_FUR_0008 COR_FUR_0023 |
| Data Set | |
| Events | |
| State | |

Table 5.64: Task Identify whether the Consignment has been Accepted or Refused

Task Identify whether the Consignment has been Accepted, Partially Refused or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the Consignment has been Accepted, Partially Refused or Refused |
| Task Type | Service task |
| Description | The MSA identifies if the Consignment has been accepted (accepted and satisfactory or accepted although unsatisfactory), partially refused or refused based on the Global Conclusion of Receipt of the received Report of Receipt (IE818). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | Global Conclusion of Receipt Sequence Number ARC |
| Output Data | Result Identify whether the Consignment has been Accepted, Partially Refused or Refused |
| Previous Objects | Report of Receipt or Report of Export? |
| Information Exchange | |
| Requirements | COR_FUR_0013 |
| Data Set | |
| Events | |
| State | |

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Table 5.65: Task Identify whether the Consignment has been Accepted, Partially Refused or Refused

Task Perform change of e-AD/e-SAD state to Delivered or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform change of e-AD/e-SAD state to Delivered or Refused |
| Task Type | Service task |
| Description | If the Consignment has been accepted the state of the e-AD/e-SAD is changed to Delivered. If the Consignment has been refused the state of the e-AD/e-SAD is changed to Refused. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | ARC Sequence Number Global Conclusion of Receipt |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Identify whether the Consignment has been Accepted or Refused |
| Information Exchange | |
| Requirements | COR_FUR_0012 |
| Data Set | e-AD/e-SAD state |
| Events | A Report of Export indicating acceptance has been recorded A Report of Export indicating refusal has been recorded |
| State | Delivered Refused |

Table 5.66: Task Perform change of e-AD/e-SAD state to Delivered or Refused

Task Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused |
| Task Type | Service task |
| Description | If the Consignment has been accepted the state of the e-AD/e-SAD is changed to Delivered. |

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|---|---|
| | <p>If the Consignment has been partially refused the state of the e-AD/e-SAD is changed to Partially Refused.</p> <p>If the Consignment has been refused the state of the e-AD/e-SAD is changed to Refused.</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | <p>Global Conclusion of Receipt</p> <p>Sequence Number</p> <p>ARC</p> |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Identify whether the Consignment has been Accepted, Partially Refused or Refused |
| Information Exchange | |
| Requirements | COR_FUR_0014 |
| Data Set | e-AD/e-SAD state |
| Events | <p>A Report of Receipt indicating refusal has been recorded</p> <p>A Report of Receipt indicating acceptance has been recorded</p> <p>A Report of Receipt indicating partial refusal has been recorded</p> |
| State | <p>Refused</p> <p>Partially Refused</p> <p>Delivered</p> |

Table 5.67: Task Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused

Task Notify Consignor of Report of Receipt/Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Notify Consignor of Report of Receipt/Export |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the Report of Receipt/Export (IE818). |
| Actor | EMCS |
| Input Data | C_DEL_DAT |
| Output Data | |
| Previous Objects | Perform change of e-AD/e-SAD state to Delivered or Refused |

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|----------------------|---|
| | Perform change of e-AD/e-SAD state to Delivered, Partially Refused or Refused |
| Information Exchange | Report of Receipt/Export |
| Requirements | COR_FUR_0018 |
| Data Set | |
| Events | |
| State | |

Table 5.68: Task Notify Consignor of Report of Receipt/Export

Task Start timer TIM_CHS

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Start timer TIM_CHS |
| Task Type | Service task |
| Description | <p>If the e-AD/e-SAD is rejected, the MSA of Dispatch application starts a timer (TIM_CHS) to expire at limit date for submission of a change of destination (or splitting) or, exceptionally, cancellation.</p> <p>TIM_CHS is a timer associated with the submission of a change of destination or of a splitting when the delivery is refused or the consignment is rejected. Its Expiry Date is Date of refusal/rejection + national parameter limited by a common system parameter.</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-08-Perform Alert or Rejection L4-CORE-AS-IS-01-0x-Perform Alert or Rejection |
| Input Data | Movement Rejected flag Sequence Number Global Conclusion of Receipt ARC |
| Output Data | TIM_CHS Expiry Date |
| Previous Objects | Has the Consignment been accepted? |
| Information Exchange | |
| Requirements | COR_FUR_0019 |
| Data Set | |

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| Events | |
| State | |

Table 5.69: Task Start timer TIM_CHS

Task Identify whether the timer TIM_EAD_ESAD is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Identify whether the timer TIM_EAD_ESAD is still running |
| Task Type | Service task |
| Description | If the Consignment has been accepted (accepted and satisfactory or accepted although unsatisfactory), the MSA of Dispatch identifies whether the timer TIM_EAD_ESAD is still running. |
| Actor | EMCS |
| Input Data | ARC Timer TIM_EAD_ESAD Expiry Date Global Conclusion of Receipt Sequence Number |
| Output Data | Result Identify whether the TIM_EAD_ESAD is still running |
| Previous Objects | Has the Consignment been accepted? |
| Information Exchange | |
| Requirements | COR_FUR_0020 |
| Data Set | |
| Events | |
| State | |

Table 5.70: Task Identify whether the timer TIM_EAD_ESAD is still running

Event Report of Receipt/Export sent to Consignor and timer TIM_CHS initiated

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Report of Receipt/Export sent to Consignor and timer TIM_CHS initiated |
| Event Type | End event |
| Description | When the Report of Receipt/Export (IE818) was found valid and the Consignment was Partially Refused or Refused, the MSA of Dispatch sent the Report of Report/Export (IE818) to the Consignor. The MSA of Dispatch also started the timer TIM_CHS to expire at the limit date for submission of a change of destination (IE813) or splitting* (IE825). This is the end of the process. |

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| | * Splitting is only applicable for Duty Suspension |
| Previous Objects | Start timer TIM_CHS |

Table 5.71: Event Report of Receipt/Export sent to Consignor and timer TIM_CHS initiated

Task Stop timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Stop timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD is still running, the MSA of Dispatch stops this timer (that was to expire at the expected end of the movement). |
| Actor | EMCS |
| Input Data | ARC Sequence Number Result Identify whether the TIM_EAD_ESAD is still running |
| Output Data | TIM_EAD_ESAD End Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0021 |
| Data Set | |
| Events | |
| State | |

Table 5.72: Task Stop timer TIM_EAD_ESAD

Task Reset the flag of timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Reset the flag of timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | EMCS |
| Input Data | Result Identify whether the TIM_EAD_ESAD is still running ARC Sequence Number |

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|----------------------|--------------------------------------|
| Output Data | TIM_EAD_ESAD Reset Flag Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0022 |
| Data Set | |
| Events | |
| State | |

Table 5.73: Task Reset the flag of timer TIM_EAD_ESAD

Event Report of Receipt/Export sent to Consignor and TIM_EAD_ESAD either stopped or got flag reset

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Report of Receipt/Export sent to Consignor and TIM_EAD_ESAD either stopped or got flag reset |
| Event Type | End event |
| Description | When the Report of Receipt/Export (IE818) was found valid and the Consignment was Accepted, the MSA of Dispatch sent the Report of Receipt/Export (IE818) to the Consignor. The MSA of Dispatch also stopped the timer TIM_EAD_ESAD (in case the timer TIM_EAD_ESAD was still running) or reset the flag that had been raised locally at expiration time (in case the timer TIM_EAD_ESAD had already expired). This is the end of the process. |
| Previous Objects | Reset the flag of timer TIM_EAD_ESAD Stop timer TIM_EAD_ESAD |

Table 5.74: Event Report of Receipt/Export sent to Consignor and TIM_EAD_ESAD either stopped or got flag reset

5.4. Process L4-CORE-01-05-Handle validation Results of Common Domain message

5.4.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the handling of the validation results of a message received over the Common Domain, in accordance with the current Common Specifications (FESS and DDNEA).

The process is triggered when a message received over the Common Domain is validated by the Receiving MSA and the validation results are available. Depending on the validation result the following may happen:

- If the Common Domain message was found invalid due to Syntactic violation(s), the EMCS at the Receiving MSA builds a Negative Acknowledgement of XML Receipt refusal message (IE917) and then it

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records it. Following, the EMCS at the Receiving MSA notifies the Sending MSA of the Negative Acknowledgement of XML Receipt refusal message (IE917). After the receipt of the Negative Acknowledgement of XML Receipt refusal message, the EMCS at the Sending MSA records it and the whole process ends at this point;

b. If the Common Domain message was found invalid due to Coordination Protocol violation(s), the EMCS at the Receiving MSA builds a Functional Negative Acknowledgement refusal message (IE906) and then it records it. Following, the EMCS at the Receiving MSA notifies the Sending MSA of the Functional Negative Acknowledgement refusal message (IE906). After the receipt of the Functional Negative Acknowledgement refusal message, the EMCS at the Sending MSA records it and the whole process ends here;

c. If the Common Domain message was found valid, the EMCS at the Receiving MSA records the valid message and the whole process ends.

5.4.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|--|
| Process ID | L4-CORE-01-05 |
| Full Name | Handle validation Results of Common Domain message |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.75: Process Details

5.4.3. Tasks and Events

Event Common Domain message validated and results are available

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Common Domain message validated and results are available |
| Event Type | Start event |
| Description | The validation mechanism has processed the Common Domain message and produced validation results. The current process starts when the validation results are available to be handled. |
| Previous Objects | |

Table 5.76: Event Common Domain message validated and results are available

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Event Negative Acknowledgement of XML Receipt refusal message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Negative Acknowledgement of XML Receipt refusal message received |
| Event Type | Message start event |
| Description | Sending MSA receives by Receiving MSA a Negative Acknowledgement of XML Receipt refusal message (IE917). |
| Previous Objects | Notify Sending MSA of Negative Acknowledgement of XML Receipt refusal message |

Table 5.77: Event Negative Acknowledgement of XML Receipt refusal message received

Task Build Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Build Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Service task |
| Description | If the message is found invalid due to Syntactic violation(s), the MSA builds a Negative Acknowledgement of XML Receipt refusal message (IE917). |
| Actor | EMCS |
| Input Data | Result Identify if the Common Domain message is syntactically valid |
| Output Data | C_XML_NCK |
| Previous Objects | What is the Common Domain validation result? |
| Information Exchange | movement download answer cancellation of an e-AD control report movement verification request explanation on reason for shortage Report of Receipt/Export movement verification answer reminder message for Excise movement notification of diverted e-AD/e-SAD history of a movement movement verification results list of e-AD/e-SAD as result of a general query administrative cooperation results movement download request change of destination alert or rejection of an e-AD/e-SAD reminder message for movement verification request refusal of common request |

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| | event report interruption of movement administrative cooperation common request e-AD/e-SAD common request basis for recovery of duties reminder message for administrative cooperation answer message |
| Requirements | COR_FUR_0087 |
| Data Set | |
| Events | |
| State | |

Table 5.78: Task Build Negative Acknowledgement of XML Receipt refusal message

Task Record Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Service task |
| Description | The Negative Acknowledgement of XML Receipt refusal message (IE917) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-06-Handle validation Results of External Domain message |
| Input Data | C_XML_NCK |
| Output Data | C_XML_NCK |
| Previous Objects | Build Negative Acknowledgement of XML Receipt refusal message |
| Information Exchange | |
| Requirements | COR_FUR_0095 |
| Data Set | |
| Events | |
| State | |

Table 5.79: Task Record Negative Acknowledgement of XML Receipt refusal message

Task Record valid message

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| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Record valid message |
| Task Type | Service task |
| Description | The valid message is stored. |
| Actor | EMCS |
| Input Data | Result Identify if the Common Domain message passed Coordination Protocol validation successfully Result Identify if the Common Domain message is syntactically valid |
| Output Data | |
| Previous Objects | What is the Common Domain validation result? |
| Information Exchange | <p>reminder message for Excise movement</p> <p>movement verification results</p> <p>movement download request</p> <p>history of a movement</p> <p>movement verification request</p> <p>notification of diverted e-AD/e-SAD</p> <p>movement download answer</p> <p>explanation on reason for shortage</p> <p>alert or rejection of an e-AD/e-SAD</p> <p>list of e-AD/e-SAD as result of a general query</p> <p>reminder message for movement verification request</p> <p>movement download request</p> <p>basis for recovery of duties</p> <p>movement download answer</p> <p>Report of Receipt/Export</p> <p>change of destination</p> <p>e-AD/e-SAD</p> <p>event report</p> <p>common request</p> <p>event report</p> <p>refusal of common request</p> <p>administrative cooperation results</p> <p>administrative cooperation common request</p> <p>interruption of movement</p> <p>administrative cooperation common request</p> <p>Report of Receipt/Export</p> <p>answer message</p> <p>alert or rejection of an e-AD/e-SAD</p> <p>interruption of movement</p> <p>reminder message for movement verification request</p> <p>cancellation of an e-AD</p> <p>control report</p> <p>movement verification request</p> <p>answer message</p> <p>cancellation of an e-AD</p> <p>e-AD/e-SAD</p> |

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| Excise Functional Requirements BPM Report for Core |
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| | reminder message for Excise movement movement verification answer movement verification answer control report reminder message for administrative cooperation common request administrative cooperation results history of a movement basis for recovery of duties change of destination explanation on reason for shortage notification of diverted e-AD/e-SAD reminder message for administrative cooperation movement verification results refusal of common request list of e-AD/e-SAD as result of a general query |
| Requirements | COR_FUR_0089 |
| Data Set | |
| Events | |
| State | |

Table 5.80: Task Record valid message

Task Record Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Record Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Service task |
| Description | The Negative Acknowledgement of XML Receipt refusal message (IE917) is stored. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Negative Acknowledgement of XML Receipt refusal message received |
| Information Exchange | Negative Acknowledgement of XML Receipt message Negative Acknowledgement of XML Receipt message |
| Requirements | COR_FUR_0095 |
| Data Set | |
| Events | |

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| Excise Functional Requirements BPM Report for Core |
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| State | |
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Table 5.81: Task Record Negative Acknowledgement of XML Receipt refusal message

Event Functional Negative Acknowledgement refusal message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Functional Negative Acknowledgement refusal message received |
| Event Type | Message start event |
| Description | Sending MSA receives by Receiving MSA a Functional Negative Acknowledgement refusal message. |
| Previous Objects | Notify Sending MSA of Functional Negative Acknowledgement refusal message |

Table 5.82: Event Functional Negative Acknowledgement refusal message received

Task Build Functional Negative Acknowledgement refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Build Functional Negative Acknowledgement refusal message |
| Task Type | Service task |
| Description | If the message is found invalid due to Coordination Protocol violation(s), the MSA builds a Functional Negative Acknowledgement refusal message (IE906). |
| Actor | EMCS |
| Input Data | Result Identify if the Common Domain message passed Coordination Protocol validation successfully |
| Output Data | C_FUN_NCK |
| Previous Objects | What is the Common Domain validation result? |
| Information Exchange | movement verification request reminder message for Excise movement notification of diverted e-AD/e-SAD history of a movement administrative cooperation results answer message e-AD/e-SAD Report of Receipt/Export reminder message for movement verification request movement verification answer control report alert or rejection of an e-AD/e-SAD event report common request |

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| | cancellation of an e-AD change of destination basis for recovery of duties movement download answer administrative cooperation common request explanation on reason for shortage movement verification results interruption of movement reminder message for administrative cooperation refusal of common request movement download request list of e-AD/e-SAD as result of a general query |
| Requirements | COR_FUR_0090 |
| Data Set | |
| Events | |
| State | |

Table 5.83: Task Build Functional Negative Acknowledgement refusal message

Task Notify Sending MSA of Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Sending MSA of Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Send task |
| Description | The Receiving MSA notifies the Sending MSA of the Negative Acknowledgement of XML Receipt refusal message (IE917). |
| Actor | EMCS |
| Input Data | C_XML_NCK |
| Output Data | |
| Previous Objects | Record Negative Acknowledgement of XML Receipt refusal message |
| Information Exchange | Negative Acknowledgement of XML Receipt message |
| Requirements | COR_FUR_0088 |
| Data Set | |
| Events | |
| State | |

Table 5.84: Task Notify Sending MSA of Negative Acknowledgement of XML Receipt refusal message

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Task Record Functional Negative Acknowledgement refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Record Functional Negative Acknowledgement refusal message |
| Task Type | Service task |
| Description | The Functional Negative Acknowledgement refusal message (IE906) is stored. |
| Actor | EMCS |
| Input Data | C_FUN_NCK |
| Output Data | C_FUN_NCK |
| Previous Objects | Build Functional Negative Acknowledgement refusal message |
| Information Exchange | |
| Requirements | COR_FUR_0091 |
| Data Set | |
| Events | |
| State | |

Table 5.85: Task Record Functional Negative Acknowledgement refusal message

Task Record Functional Negative Acknowledgement refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Record Functional Negative Acknowledgement refusal message |
| Task Type | Service task |
| Description | The Functional Negative Acknowledgement refusal message (IE906) is stored. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Functional Negative Acknowledgement refusal message received |
| Information Exchange | Functional Negative Acknowledgement Functional Negative Acknowledgement |
| Requirements | COR_FUR_0091 |
| Data Set | |

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| Excise Functional Requirements BPM Report for Core |
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| Events | |
| State | |

Table 5.86: Task Record Functional Negative Acknowledgement refusal message

Task Notify Sending MSA of Functional Negative Acknowledgement refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Sending MSA of Functional Negative Acknowledgement refusal message |
| Task Type | Send task |
| Description | The Receiving MSA notifies the Sending MSA of the Functional Negative Acknowledgement refusal message (IE906). |
| Actor | EMCS |
| Input Data | C_FUN_NCK |
| Output Data | |
| Previous Objects | Record Functional Negative Acknowledgement refusal message |
| Information Exchange | Functional Negative Acknowledgement |
| Requirements | COR_FUR_0092 |
| Data Set | |
| Events | |
| State | |

Table 5.87: Task Notify Sending MSA of Functional Negative Acknowledgement refusal message

Event Negative Acknowledgement of XML Receipt refusal message received from Receiving MSA and recorded

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Negative Acknowledgement of XML Receipt refusal message received from Receiving MSA and recorded |
| Event Type | End event |
| Description | The Sending MSA received and stored the Negative Acknowledgement of XML Receipt refusal message (IE917). |
| Previous Objects | Record Negative Acknowledgement of XML Receipt refusal message |

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| Excise Functional Requirements BPM Report for Core |
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Table 5.88: Event Negative Acknowledgement of XML Receipt refusal message received from Receiving MSA and recorded

Event Functional Negative Acknowledgement refusal message received from Receiving MSA and recorded

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Functional Negative Acknowledgement refusal message received from Receiving MSA and recorded |
| Event Type | End event |
| Description | The Sending MSA received and stored the Functional Negative Acknowledgement refusal message (IE906). |
| Previous Objects | Record Functional Negative Acknowledgement refusal message |

Table 5.89: Event Functional Negative Acknowledgement refusal message received from Receiving MSA and recorded

Event Negative Acknowledgement of XML Receipt refusal message sent to Sending MSA

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Negative Acknowledgement of XML Receipt refusal message sent to Sending MSA |
| Event Type | End event |
| Description | The Receiving MSA sent a Negative Acknowledgement of XML Receipt refusal (IE917) message to the Sending MSA. |
| Previous Objects | Notify Sending MSA of Negative Acknowledgement of XML Receipt refusal message |

Table 5.90: Event Negative Acknowledgement of XML Receipt refusal message sent to Sending MSA

Event Message recorded

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Message recorded |
| Event Type | End event |
| Description | The valid message is recorded. |
| Appears also in the following processes | L4-CORE-01-06-Handle validation Results of External Domain message |
| Previous Objects | Record valid message |

Table 5.91: Event Message recorded

Event Functional Negative Acknowledgement refusal message sent to Sending MSA

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| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Functional Negative Acknowledgement refusal message sent to Sending MSA |
| Event Type | End event |
| Description | The Receiving MSA sent a Functional Negative Acknowledgement refusal message (IE906) to the Sending MSA. |
| Previous Objects | Notify Sending MSA of Functional Negative Acknowledgement refusal message |

Table 5.92: Event Functional Negative Acknowledgement refusal message sent to Sending MSA

5.5. Process L4-CORE-01-06-Handle validation Results of External Domain message

5.5.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the handling of the validation results of a message received over the External Domain, in accordance with the current Common Specifications.

The process is triggered when a message received over the External Domain is validated by the MSA and the validation results are available. Depending on the validation result the following may happen:

- a. If the External Domain message was found invalid due to Syntactic violation(s), the EMCS at the MSA builds a Negative Acknowledgement of XML Receipt refusal message (IE917) and then it records it. Following, the EMCS at the MSA notifies the Economic Operator of the Negative Acknowledgement of XML Receipt refusal message (IE917) and the whole process ends at this point;
- b. If the External Domain message was found invalid due to Coordination Protocol violation(s) or due to Business Compliance violation(s), the EMCS at the MSA builds a Generic Refusal Message (IE704) and then it records it. Following, the EMCS at the MSA notifies the Economic Operator of the Generic Refusal Message (IE704) and the whole process ends here;
- c. If the External Domain message was found valid, the EMCS at the MSA identifies whether the External Domain message is a draft e-AD/e-SAD (IE815). In case the External Domain message is a draft e-AD/e-SAD the EMCS at the MSA assigns an ARC to the e-AD/e-SAD. If the EMCS at the MSA identifies that the External Domain message is not a draft e-AD/e-SAD the process continues. Finally, the EMCS at the MSA records the valid message and the whole process ends.

5.5.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|--|
| Process ID | L4-CORE-01-06 |
| Full Name | Handle validation Results of External Domain message |
| Assumptions | N/A |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-01-Submit and Register an e-AD/e-SAD L3-CORE-01-02-Perform Report of Receipt/Export L3-CORE-01-04-Perform Cancellation L3-CORE-01-05-Perform Splitting of Consignment L3-CORE-01-06-Perform Change of Destination L3-CORE-01-12-Manage Explanations on Reasons for Shortages or Excesses |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.93: Process Details

5.5.3. Tasks and Events

Event External Domain message validated and results are available

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | External Domain message validated and results are available |
| Event Type | Start event |
| Description | The validation mechanism has processed the External Domain message and produced validation results. The current process starts when the validation results are available to be handled. |
| Previous Objects | |

Table 5.94: Event External Domain message validated and results are available

Task Build Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Build Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Service task |
| Description | If the message is found invalid due to Syntactic violation(s), the MSA builds a Negative Acknowledgement of XML Receipt refusal message (IE917). |
| Actor | EMCS |
| Input Data | Result Identify if the External Domain message is syntactically valid |
| Output Data | C_XML_NCK |
| Previous Objects | What is the External Domain validation result? |

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| Excise Functional Requirements BPM Report for Core |
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|----------------------|---|
| Information Exchange | explanation on reason for shortage Draft Change of Destination submitted draft of e-AD/e-SAD cancellation of an e-AD alert or rejection of an e-AD/e-SAD submitted draft of splitting operation Draft Report of Receipt Draft Explanation on Delay for Delivery Draft Explanation on Delay for Delivery |
| Requirements | COR_FUR_0087 |
| Data Set | |
| Events | |
| State | |

Table 5.95: Task Build Negative Acknowledgement of XML Receipt refusal message

Task Identify whether the External Domain message is a draft e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Identify whether the External Domain message is a draft e-AD/e-SAD |
| Task Type | Service task |
| Description | The MSA identifies whether the External Domain message is a draft e-AD/e-SAD (IE815). |
| Actor | EMCS |
| Input Data | Result Identify if the External Domain message is syntactically valid Result Identify if the External Domain message passed Business Compliance validation successfully Result Identify if the External Domain message passed Coordination Protocol validation successfully |
| Output Data | Result Identify whether the External Domain message is a draft e-AD/e-SAD |
| Previous Objects | What is the External Domain validation result? |
| Information Exchange | Draft Report of Receipt Draft Explanation on Delay for Delivery Draft Explanation on Delay for Delivery cancellation of an e-AD submitted draft of e-AD/e-SAD explanation on reason for shortage submitted draft of splitting operation alert or rejection of an e-AD/e-SAD Draft Change of Destination |

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| Requirements | COR_FUR_0094 |
| Data Set | |
| Events | |
| State | |

Table 5.96: Task Identify whether the External Domain message is a draft e-AD/e-SAD

Task Record Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Service task |
| Description | The Negative Acknowledgement of XML Receipt refusal message (IE917) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-05-Handle validation Results of Common Domain message |
| Input Data | C_XML_NCK |
| Output Data | C_XML_NCK |
| Previous Objects | Build Negative Acknowledgement of XML Receipt refusal message |
| Information Exchange | |
| Requirements | COR_FUR_0095 |
| Data Set | |
| Events | |
| State | |

Table 5.97: Task Record Negative Acknowledgement of XML Receipt refusal message

Task Build Generic Refusal Message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Build Generic Refusal Message |
| Task Type | Service task |
| Description | If the message is found invalid due to Coordination Protocol or Business Compliance violation(s), the MSA builds a Generic Refusal Message (IE704). |

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|----------------------|---|
| Actor | EMCS |
| Input Data | Result Identify if the External Domain message passed Business Compliance validation successfully Result Identify if the External Domain message passed Coordination Protocol validation successfully |
| Output Data | N_REJ_DAT |
| Previous Objects | What is the External Domain validation result? |
| Information Exchange | submitted draft of splitting operation alert or rejection of an e-AD/e-SAD cancellation of an e-AD Draft Explanation on Delay for Delivery submitted draft of e-AD/e-SAD explanation on reason for shortage Draft Change of Destination Draft Report of Receipt Draft Explanation on Delay for Delivery |
| Requirements | COR_FUR_0096 |
| Data Set | |
| Events | |
| State | |

Table 5.98: Task Build Generic Refusal Message

Task Perform ARC assignment to the e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform ARC assignment to the e-AD/e-SAD |
| Task Type | Service task |
| Description | The MSA assigns an ARC to the e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Appears also in the following processes | 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | Result Identify whether the External Domain message is a draft e-AD/e-SAD N_EAD_SUB |
| Output Data | C_EAD_VAL |
| Previous Objects | Is the message received a draft e-AD/e-SAD? |

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| | |
| Information Exchange | |
| Requirements | COR_FUR_0097 |
| Data Set | |
| Events | |
| State | |

Table 5.99: Task Perform ARC assignment to the e-AD/e-SAD

Task Notify Economic Operator of Negative Acknowledgement of XML Receipt refusal message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Economic Operator of Negative Acknowledgement of XML Receipt refusal message |
| Task Type | Send task |
| Description | The MSA notifies the Economic Operator of the Negative Acknowledgement of XML Receipt refusal message (IE917). |
| Actor | EMCS |
| Input Data | C_XML_NCK |
| Output Data | |
| Previous Objects | Record Negative Acknowledgement of XML Receipt refusal message |
| Information Exchange | Negative Acknowledgement of XML Receipt message |
| Requirements | COR_FUR_0093 |
| Data Set | |
| Events | |
| State | |

Table 5.100: Task Notify Economic Operator of Negative Acknowledgement of XML Receipt refusal message

Task Record Generic Refusal Message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Record Generic Refusal Message |
| Task Type | Service task |
| Description | The Generic Refusal Message (IE704) is stored. |
| Actor | EMCS |

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| Excise Functional Requirements BPM Report for Core |
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|----------------------|-------------------------------|
| Input Data | N_REJ_DAT |
| Output Data | N_REJ_DAT |
| Previous Objects | Build Generic Refusal Message |
| Information Exchange | |
| Requirements | COR_FUR_0104 |
| Data Set | |
| Events | |
| State | |

Table 5.101: Task Record Generic Refusal Message

Task Record valid message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Record valid message |
| Task Type | Service task |
| Description | The valid message is stored. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Is the message received a draft e-AD/e-SAD? Perform ARC assignment to the e-AD/e-SAD |
| Information Exchange | Draft Report of Receipt Draft Change of Destination Draft Explanation on Delay for Delivery submitted draft of e-AD/e-SAD explanation on reason for shortage Draft Change of Destination explanation on reason for shortage cancellation of an e-AD Draft Explanation on Delay for Delivery submitted draft of splitting operation Draft Explanation on Delay for Delivery alert or rejection of an e-AD/e-SAD submitted draft of splitting operation cancellation of an e-AD submitted draft of e-AD/e-SAD Draft Report of Receipt alert or rejection of an e-AD/e-SAD Draft Explanation on Delay for Delivery |

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| PROCESS MODELS |

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| Requirements | COR_FUR_0089 |
| Data Set | |
| Events | |
| State | |

Table 5.102: Task Record valid message

Task Notify Economic Operator of Generic Refusal Message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Economic Operator of Generic Refusal Message |
| Task Type | Send task |
| Description | The MSA notifies the Economic Operator of the Generic Refusal Message (IE704). |
| Actor | EMCS |
| Input Data | N_REJ_DAT |
| Output Data | |
| Previous Objects | Record Generic Refusal Message |
| Information Exchange | generic refusal message |
| Requirements | COR_FUR_0105 |
| Data Set | |
| Events | |
| State | |

Table 5.103: Task Notify Economic Operator of Generic Refusal Message

Event Negative Acknowledgement of XML Receipt refusal message sent to Economic Operator

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Negative Acknowledgement of XML Receipt refusal message sent to Economic Operator |
| Event Type | End event |
| Description | The Negative Acknowledgement of XML Receipt refusal message (IE917) was sent to the Economic Operator. |
| Previous Objects | Notify Economic Operator of Negative Acknowledgement of XML Receipt refusal message |

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Table 5.104: Event Negative Acknowledgement of XML Receipt refusal message sent to Economic Operator

Event Message recorded

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Message recorded |
| Event Type | End event |
| Description | The valid message is recorded. |
| Appears also in the following processes | L4-CORE-01-05-Handle validation Results of Common Domain message |
| Previous Objects | Record valid message |

Table 5.105: Event Message recorded

Event Generic Refusal message sent to Economic Operator

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Generic Refusal message sent to Economic Operator |
| Event Type | End event |
| Description | The Generic Refusal message (IE704) was sent to the Economic Operator. |
| Previous Objects | Notify Economic Operator of Generic Refusal Message |

Table 5.106: Event Generic Refusal message sent to Economic Operator

5.6. Process L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export

5.6.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the Reminder at the expiry of the time limit for Report of Receipt/Export for an Excise movement (inside the territory of the European Union), in accordance with the current Common Specifications (FESS and DDNEA).

The process is triggered when the timer TIM_EAD_ESAD (the timer that was issued at the date of dispatch to expire at the expected end of movement, i.e. date of dispatch plus journey time -with the addition, for a Duty Paid movement, of the common system parameter “Time To Complete Fiscal Formalities for Duty Paid Movements”) has expired at the MSA of Dispatch.

The EMCS at MSA of Dispatch continues with performing synchronisation actions with the MSA of Destination/ MSA of Export, by using the “Automatic Status Synchronisation Request after timer TIM_EAD_ESAD expiration” call activity. Following, if a missing Report of Receipt/Export (IE818) is expected from the MSA of Destination/ MSA Export (which means that the MSA of Destination/ MSA of Export is in the Delivered, Partially Refused or Refused state, whereas the MSA of Dispatch is in the Accepted state, i.e. the MSA of Destination/ MSA of Export has sent the Report of Receipt/Export but the

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MSA of Dispatch application has not received it), the whole process ends here. If no missing Report of Receipt/Export is expected (which means that the MSA of Destination and MSA of Dispatch are both in the Accepted state, i.e. the MSA of Destination has not sent the Report of Receipt/Export within the allocated time), the EMCS at MSA of Dispatch builds a Reminder (IE802) and then it records it. Then, the EMCS at MSA of Dispatch notifies the Consignor and the MSA of Destination of the Reminder (IE802). The MSA of Dispatch may receive:

- a draft Explanation on Delay (IE837) from the Consignor; and/or
- a Consignee's Explanation on Delay (IE837) from the MSA of Destination;
- no message, when no Explanation on Delay is received from the Consignor and/or the MSA of Destination.

In case a draft Explanation on Delay (IE837) is received from the Consignor, the EMCS at MSA of Dispatch proceeds with validating the data of the draft Explanation on Delay, by using the “Perform validation of draft Explanation on Delay” sub-process. Then, the EMCS at MSA of Dispatch continues with the handling of the validation results by using the “Handle validation results of draft Explanation on Delay” call activity. The outcome (end event) of the “Handle validation results of draft Explanation on Delay” call activity may be the following:

- A refusal message (IE917/IE704) is sent to the Consignor (since the draft Explanation on Delay was found invalid); or
- The Explanation on Delay (IE837) of the Consignor is recorded (since the draft Explanation on Delay was found valid). In such case, the EMCS at MSA of Dispatch proceeds with notifying the MSA of Destination/ Export of the Explanation on Delay (IE837) of the Consignor.

After the receipt of the Reminder (IE802), the EMCS at the MSA of Destination/ MSA of Export proceeds with validating the data of the Reminder, by using the “Perform validation of Reminder” sub process. Then, 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 Reminder” call activity. Depending on the outcome (end event) of the “Handle validation results of Reminder” call activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the Reminder was found invalid), the whole process ends at this point;
- If the Reminder (IE802) is recorded (since the Reminder was found valid), the process continues.

If the movement is not for export, the EMCS at MSA of Destination notifies the Consignee of the Reminder (IE802). After this, the EMCS at MSA of Destination may receive from the Consignee:

- a draft Explanation on Delay (IE837) from the Consignee; or
- no message.

In case a draft Explanation on Delay (IE837) is received by the MSA of Destination from the Consignee, the EMCS at MSA of Destination proceeds with validating the data of the draft Explanation on Delay, by using the “Perform validation of draft Explanation on Delay” sub process. Then, the EMCS at MSA of Destination proceeds with the handling of the validation results by using the “Handle validation results of draft Explanation on Delay” call activity. The outcome (end event) of the “Handle validation results of draft Explanation on Delay” call activity may be the following:

- A refusal message (IE917/IE704) is sent to the Consignee (since the draft Explanation on Delay was found invalid);
- The Explanation on Delay (IE837) of the Consignee is recorded (since the draft Explanation on Delay was found valid). In such case, the EMCS at MSA of Destination proceeds with notifying the MSA of Dispatch of the Explanation on Delay (IE837) of the Consignee. MSA of Dispatch will then perform all necessary validations of the common domain message.

If the movement is for export, the EMCS at MSA of Export may receive:

- an Explanation on Delay (IE837) of the Consignor from the MSA of Dispatch; or
- no message.

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In case an Explanation on Delay (IE837) of Consignor is received from the MSA of Dispatch, the EMCS at MSA of Export continues with validating the data of the Explanation on Delay, by using the “Perform validation of Explanation on Delay” sub process. After this, the EMCS at MSA of Export proceeds with the handling of the validation results by using the “Handle validation results of Explanation on Delay” call activity. Depending on the outcome (end event) of the “Handle validation results of Explanation on Delay” call activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the Explanation on Delay was found invalid), the whole process ends here;
- If the Explanation on Delay (IE837) of the Consignor is recorded (since the Explanation on Delay was found valid), the process ends.

In case an Explanation on Delay (IE837) of Consignor is received from the MSA of Dispatch, the EMCS at MSA of Destination/MSA of Export continues with validating the data of the Explanation on Delay, by using the “Perform validation of Explanation on Delay” sub-process. After this, the EMCS at MSA of Destination/MSA of Export proceeds with the handling of the validation results by using the “Handle validation results of Explanation on Delay” call activity. Depending on the outcome (end event) of the “Handle validation results of Explanation on Delay” call activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the Explanation on Delay was found invalid), the whole process ends here;
- If the Explanation on Delay (IE837) of the Consignor is recorded (since the Explanation on Delay was found valid), the whole process also ends.

5.6.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-07 |
| Full Name | Issue Reminder at expiry of time limit for Report of Receipt/Export |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.107: Process Details

5.6.3. Tasks and Events

Task Perform Synchronisation Actions

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Perform Synchronisation Actions |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-ACO-01-18 |
| Actor | EMCS |

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|----------------------|----------------------|
| Input Data | |
| Output Data | |
| Previous Objects | TIM_EAD_ESAD expired |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.108: Task Perform Synchronisation Actions

Event TIM_EAD_ESAD expired

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | TIM_EAD_ESAD expired |
| Event Type | Timer start event |
| Description | The current process starts when the timer TIM_EAD_ESAD (the timer that was issued at the date of dispatch to expire at the expected end of movement, i.e. date of dispatch plus journey time - with the addition, for a Duty Paid movement, of the value of the common system parameter “Time To Complete Fiscal Formalities for Duty Paid Movements”) has expired at the MSA of Dispatch. |
| Previous Objects | |

Table 5.109: Event TIM_EAD_ESAD expired

Task Build Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Build Reminder |
| Task Type | Service task |
| Description | The MSA of Dispatch builds a Reminder (IE802). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Change of Destination fields (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | Sequence Number ARC Timer TIM_EAD_ESAD Expiry Date |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|--|
| Output Data | C_EXC_REM |
| Previous Objects | Does the MSA of Dispatch expect from MSA of Destination/ MSA of Export a missing Report of Receipt/Export? |
| Information Exchange | |
| Requirements | COR_FUR_0082 |
| Data Set | |
| Events | |
| State | |

Table 5.110: Task Build Reminder

Task Record Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record Reminder |
| Task Type | Service task |
| Description | The Reminder (IE802) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF) L4-CORE-01-24-Issue reminder at expiry of timer for Change of Destination (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Change of Destination fields (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | C_EXC_REM |
| Output Data | C_EXC_REM |
| Previous Objects | Build Reminder |
| Information Exchange | |
| Requirements | COR_FUR_0083 |
| Data Set | |
| Events | |
| State | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.111: Task Record Reminder

Event A missing Report of Receipt/Export expected from MSA of Destination/ MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | A missing Report of Receipt/Export expected from MSA of Destination/ MSA of Export |
| Event Type | End event |
| Description | The MSA of Dispatch expects from the MSA of Destination/ MSA of Export the missing Report of Receipt/Export (IE818). |
| Appears also in the following processes | L4-CORE-01-08-Automatic Status Synchronisation Request after timer TIM_EAD expiration |
| Previous Objects | Does the MSA of Dispatch expect from MSA of Destination/ MSA of Export a missing Report of Receipt/Export? |

Table 5.112: Event A missing Report of Receipt/Export expected from MSA of Destination/ MSA of Export

Task Notify Consignor of Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify Consignor of Reminder |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the Reminder (IE802). |
| Actor | EMCS |
| Input Data | C_EXC_REM |
| Output Data | |
| Previous Objects | Record Reminder |
| Information Exchange | reminder message for Excise movement |
| Requirements | COR_FUR_0078 |
| Data Set | |
| Events | |
| State | |

Table 5.113: Task Notify Consignor of Reminder

Event Draft Explanation on Delay of Consignor received

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Draft Explanation on Delay of Consignor received |
| Event Type | Message intermediate event (catch) |
| Description | The MSA of Dispatch received a draft Explanation on Delay (IE837) from the Consignor. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Previous Objects | Consignor Notify Consignor of Reminder |

Table 5.114: Event Draft Explanation on Delay of Consignor received

Task Perform validation of draft Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation of draft Explanation on Delay |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | |
| Output Data | |
| Previous Objects | Proactively send Explanation on Delay for Delivery Draft Explanation on Delay of Consignor received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.115: Task Perform validation of draft Explanation on Delay

Event No message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|-----------------------|
|----------------------|-----------------------|

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|------------------|---|
| Event Name | No message received |
| Event Type | Conditional intermediate event |
| Description | The MSA of Dispatch received neither a draft Explanation on Delay (IE837) from the Consignor, nor an Explanation on Delay (IE837) from the Member State of Destination. |
| Previous Objects | Notify Consignor of Reminder |

Table 5.116: Event No message received

Event Proactively send Explanation on Delay for Delivery

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Proactively send Explanation on Delay for Delivery |
| Event Type | Message start event |
| Description | The current process starts when the competent authorities at the Member State exceptionally wishes to proactively provide explanations on a potential delay for delivery. |
| Appears also in the following processes | L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export |
| Previous Objects | Consignor |

Table 5.117: Event Proactively send Explanation on Delay for Delivery

Event No Explanation on Delay received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | No Explanation on Delay received |
| Event Type | End event |
| Description | No draft Explanation on Delay (IE837) or Explanation on Delay (IE837) received. |
| Previous Objects | No message received |

Table 5.118: Event No Explanation on Delay received

Task Handle validation results of draft Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Handle validation results of draft Explanation on Delay |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|---|---|
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of draft Explanation on Delay |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.119: Task Handle validation results of draft Explanation on Delay

Event Reminder received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Reminder received |
| Event Type | Message start event |
| Description | The MSA of Destination/ MSA of Export received a Reminder (IE802) from the MSA of Dispatch. |
| Previous Objects | Notify Consignor of Reminder |

Table 5.120: Event Reminder received

Task Perform validation of Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform validation of Reminder |
| 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 | Reminder received |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.121: Task Perform validation of Reminder

Task Handle validation results of Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of Reminder |
| 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 |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.122: Task Handle validation results of Reminder

Event Refusal message sent to Consignor since draft Explanation on Delay had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Refusal message sent to Consignor since draft Explanation on Delay had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to the Consignor since the draft Explanation on Delay (IE837) had been found invalid. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Previous Objects | What is the outcome of the handling of validation results? |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.123: Event Refusal message sent to Consignor since draft Explanation on Delay had been found invalid

Event Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Explanation on Delay of the Consignor (IE837) was recorded since the draft Explanation on Delay of the Consignor (IE837) had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.124: Event Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid

Event Refusal message sent to MSA of Dispatch since Reminder had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to MSA of Dispatch since Reminder had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to the MSA of Dispatch since the Reminder (IE802) had been found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.125: Event Refusal message sent to MSA of Dispatch since Reminder had been found invalid

Event Reminder recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Reminder recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Reminder (IE802) 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 5.126: Event Reminder recorded since it had been found valid

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Task Notify MSA of Destination/ MSA of Export of Explanation on Delay of Consignor

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify MSA of Destination/ MSA of Export of Explanation on Delay of Consignor |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the MSA of Destination/ MSA of Export of the Explanation on Delay (IE837) of the Consignor. |
| Actor | EMCS |
| Input Data | C_DEL_EXP |
| Output Data | |
| Previous Objects | Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid |
| Information Exchange | explanation on delay for delivery |
| Requirements | COR_FUR_0079 |
| Data Set | |
| Events | |
| State | |

Table 5.127: Task Notify MSA of Destination/ MSA of Export of Explanation on Delay of Consignor

Task Notify Consignee of Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Consignee of Reminder |
| Task Type | Send task |
| Description | The MSA of Destination notifies the Consignee of the Reminder (IE802). |
| Actor | EMCS |
| Input Data | C_EXC_REM |
| Output Data | |
| Previous Objects | Is the destination of the movement for Export? |
| Information Exchange | reminder message for Excise movement |
| Requirements | COR_FUR_0080 |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.128: Task Notify Consignee of Reminder

Event Explanation on Delay of Consignor sent to MSA of Destination/ MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Delay of Consignor sent to MSA of Destination/ MSA of Export |
| Event Type | End event |
| Description | The Explanation on Delay (IE837) of the Consignor was sent to the MSA of Destination/ MSA of Export. |
| Previous Objects | Notify MSA of Destination/ MSA of Export of Explanation on Delay of Consignor |

Table 5.129: Event Explanation on Delay of Consignor sent to MSA of Destination/ MSA of Export

Event No message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | No message received |
| Event Type | Conditional intermediate event |
| Description | The MSA of Export has not received any Explanation on Delay of the Consignor (IE837) from the MSA of Dispatch. MSA of Destination received an Explanation on Delay (IE837) neither from the Consignee, nor from the MSA of Dispatch. |
| Previous Objects | Notify Consignee of Reminder Notify Consignee of Reminder Is the destination of the movement for Export? |

Table 5.130: Event No message received

Event Explanation on Delay of Consignor received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Explanation on Delay of Consignor received |
| Event Type | Message intermediate event (catch) |
| Description | The MSA of Destination received an Explanation on Delay (IE837) of the Consignor from the MSA of Dispatch. |
| Previous Objects | Notify MSA of Destination/ MSA of Export of Explanation on Delay of Consignor Notify Consignee of Reminder |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| | Is the destination of the movement for Export? |
|--|--|

Table 5.131: Event Explanation on Delay of Consignor received

Task Perform validation of Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validation of Explanation on Delay |
| 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 | Explanation on Delay of Consignor received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.132: Task Perform validation of Explanation on Delay

Event No Explanation on Delay received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | No Explanation on Delay received |
| Event Type | End event |
| Description | No Explanation on Delay (IE837) received. |
| Previous Objects | No message received |

Table 5.133: Event No Explanation on Delay received

Event Draft Explanation on Delay of Consignee received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Draft Explanation on Delay of Consignee received |
| Event Type | Message intermediate event (catch) |
| Description | The MSA of Destination received a draft Explanation on Delay (IE837) from the Consignee. |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|------------------|---|
| Previous Objects | Consignee Notify Consignee of Reminder |
|------------------|---|

Table 5.134: Event Draft Explanation on Delay of Consignee received

Task Perform validation of draft Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validation of draft Explanation on Delay |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Proactively send Explanation on Delay for Delivery Draft Explanation on Delay of Consignee received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.135: Task Perform validation of draft Explanation on Delay

Task Handle validation results of Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of Explanation on Delay |
| 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 Explanation on Delay |
| Information Exchange | |
| Requirements | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.136: Task Handle validation results of Explanation on Delay

Event Proactively send Explanation on Delay for Delivery

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Proactively send Explanation on Delay for Delivery |
| Event Type | Message start event |
| Description | The current process starts when the competent authorities at the Member State exceptionally wishes to proactively provide explanations on a potential delay for delivery. |
| Appears also in the following processes | L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export |
| Previous Objects | Consignee |

Table 5.137: Event Proactively send Explanation on Delay for Delivery

Task Handle validation results of draft Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of draft Explanation on Delay |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of draft Explanation on Delay |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.138: Task Handle validation results of draft Explanation on Delay

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Event Refusal message sent to MSA of Dispatch since Explanation on Delay had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to MSA of Dispatch since Explanation on Delay had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to the MSA of Dispatch since the Explanation on Delay (IE837) of the Consignor had been found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.139: Event Refusal message sent to MSA of Dispatch since Explanation on Delay had been found invalid

Event Explanation on Delay of Consignee received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Explanation on Delay of Consignee received |
| Event Type | Message intermediate event (catch) |
| Description | The MSA of Dispatch received from the MSA of Destination the Explanation on Delay (IE837) of the Consignee. |
| Previous Objects | Notify MSA of Dispatch of Explanation on Delay of Consignee Notify Consignor of Reminder |

Table 5.140: Event Explanation on Delay of Consignee received

Event Explanation on Delay of Consignor recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Explanation on Delay of Consignor recorded since it had been found valid |
| Event Type | End event |
| Description | The Explanation on Delay of the Consignor (IE837) was recorded since it had been found valid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.141: Event Explanation on Delay of Consignor recorded since it had been found valid

Event Refusal message sent to Consignee since draft Explanation on Delay had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to Consignee since draft Explanation on Delay had been found invalid |
| Event Type | End event |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|------------------|--|
| Description | A Refusal message (IE917/IE704) was sent to the Consignee since the draft Explanation on Delay (IE837) had been found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.142: Event Refusal message sent to Consignee since draft Explanation on Delay had been found invalid

Task Perform validation of Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validation of Explanation on Delay |
| 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 | Explanation on Delay of Consignee received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.143: Task Perform validation of Explanation on Delay

Event Explanation on Delay of Consignee recorded since draft Explanation on Delay had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Explanation on Delay of Consignee recorded since draft Explanation on Delay had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Explanation on Delay of the Consignee (IE837) was recorded since the draft Explanation on Delay of the Consignee (IE837) had been found valid and the process continues. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.144: Event Explanation on Delay of Consignee recorded since draft Explanation on Delay had been found valid

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Task Notify MSA of Dispatch of Explanation on Delay of Consignee

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify MSA of Dispatch of Explanation on Delay of Consignee |
| Task Type | Send task |
| Description | The MSA of Destination notifies the MSA of Dispatch of the Explanation on Delay (IE837) of the Consignee. |
| Actor | EMCS |
| Input Data | C_DEL_EXP |
| Output Data | |
| Previous Objects | Explanation on Delay of Consignee recorded since draft Explanataion on Delay had been found valid |
| Information Exchange | explanation on delay for delivery |
| Requirements | COR_FUR_0081 |
| Data Set | |
| Events | |
| State | |

Table 5.145: Task Notify MSA of Dispatch of Explanation on Delay of Consignee

Task Handle validation results of Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of Explanation on Delay |
| 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 Explanation on Delay |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| State | |
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Table 5.146: Task Handle validation results of Explanation on Delay

Event Explanation on Delay of Consignee sent to MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Delay of Consignee sent to MSA of Dispatch |
| Event Type | End event |
| Description | The Explanation on Delay (IE837) of the Consignee was sent to the MSA of Dispatch. |
| Previous Objects | Notify MSA of Dispatch of Explanation on Delay of Consignee |

Table 5.147: Event Explanation on Delay of Consignee sent to MSA of Dispatch

Event Refusal message sent to MSA of Destination/ MSA of Export since Explanation on Delay had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to MSA of Destination/ MSA of Export since Explanation on Delay had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to the MSA of Destination since the Explanation on Delay (IE837) of the Consignee had been found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.148: Event Refusal message sent to MSA of Destination/ MSA of Export since Explanation on Delay had been found invalid

Event Explanation on Delay of Consignee recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Explanation on Delay of Consignee recorded since it had been found valid |
| Event Type | End event |
| Description | The Explanation on Delay of the Consignee (IE837) was recorded since it had been found valid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.149: Event Explanation on Delay of Consignee recorded since it had been found valid

5.7. Process L4-CORE-01-08-Perform Alert or Rejection

5.7.1. Objective of Process

The purpose of this process is to describe all the possible paths when the Consignee performs an Alert or Rejection of the e-AD/e-SAD.

It has to be noted that the Business Process described below can take place before the goods arrive at the destination.

Submission of the 'Alert or Rejection of an e-AD/e-SAD' message is mandatory where one of the cases referred to in points (a) to (c) or (e) of Article 15(1) of Regulation (EU) No 389/2012 is detected, and shall be sent to the competent authority of the Member State of dispatch within one day of the moment when the competent authority becomes aware of the discrepancies (as defined in Article 13 of Implementing Regulation (EU) 2016/323).

The process starts when the Consignee submits a draft Alert or Rejection of an e-AD/e-SAD (IE819). The MSA of Destination receives the draft Alert or Rejection of an e-AD/e-SAD and proceeds with validation and the handling of the validation results by using "Perform validation of Alert or Rejection of an e-AD/e-SAD" subprocess and "Handle validation results of Alert or Rejection of an e-AD/e-SAD" call-activity. Depending on the outcome (end event) of the "Handle validation results of Alert or Rejection of an e-AD/e-SAD" call-activity, the following could happen:

- If a refusal message (IE917/IE704) is sent to the Consignee (since the Alert or Rejection of an e-AD/e-SAD (IE819) was found invalid), the whole process ends at this point;
- If the Alert or Rejection of an e-AD/e-SAD (IE819) is recorded (since Alert or Rejection of an e-AD/e-SAD (IE819) was found valid), the process continues.

The MSA of Destination identifies in the message content of the valid, recorded Alert or Rejection of an e-AD/e-SAD (IE819), whether the "E-AD/e-SAD Rejected flag" item, has '1' (Rejection) or '0' (Alert) value.

- If the value is '1' (Rejection), this causes state transition for the concerned e-AD from "Accepted" to "Rejected"
- If the value is '0' (Alert), the state remains as is.

Upon the mentioned above check and following step, the MSA of Destination, notifies both the Consignee and the MSA of Dispatch and the process ends at this point at the MSA of Destination pool.

The Alert or Rejection of an e-AD/e-SAD (IE819) message is received by the MSA of Dispatch. Then, the MSA of Dispatch proceeds with validation and the handling of the validation results by using "Perform validation of Alert or Rejection of an e-AD/e-SAD" subprocess and "Handle validation results of Alert or Rejection of an e-AD/e-SAD" call-activity. Depending on the outcome (end event) of the "Handle validation results of Alert or Rejection of an e-AD/e-SAD" call-activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Destination (since the Alert or Rejection of an e-AD/e-SAD (IE819) was found invalid), the whole process ends at this point;
- If the Alert or Rejection of an e-AD/e-SAD (IE819) is recorded (since the Alert or Rejection of an e-AD/e-SAD (IE819) was found valid), the process continues.

The MSA of Dispatch identifies in the message content of the valid, recorded Alert or Rejection of an e-AD/e-SAD (IE819), whether the "E-AD/e-SAD Rejected flag" item, has '1' (Rejection) or '0' (Alert) value.

- If the value is '1' (Rejection), this causes state transition for the concerned e-AD from "Accepted" to "Rejected".

The Consignor is expected to change the e-AD/e-SAD destination, split the e-AD, or cancel the e-AD as a response to the rejection and the MSA dispatch application initiates the TIM_CHS timer, which once elapsed, will send a reminder to the Consignor.

Please note that the "Rejected" state is not a final state and the Consignor is expected to take actions such that the e-AD/e-SAD will finally reach a final state.

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- If the value is '0' (Alert), the state remains as is.

Upon the mentioned above check and following step, the MSA of Dispatch, sends the Alert or Rejection of an e-AD/e-SAD to the Consignor and the whole process ends.

5.7.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-08 |
| Full Name | Perform Alert or Rejection |
| Assumptions | The goods have not arrived at their destination |
| Constraints | No constraints. |
| L3 Reference Models | L3-ACO-01-02-Mandatory Exchange of Information |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.150: Process Details

5.7.3. Tasks and Events

Task Perform validations of Alert or Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validations of Alert or Rejection |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Draft Alert or Rejection of an e-AD/e-SAD received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.151: Task Perform validations of Alert or Rejection

Event Draft Alert or Rejection of an e-AD/e-SAD received

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| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Draft Alert or Rejection of an e-AD/e-SAD received |
| Event Type | Message start event |
| Description | The process starts when the application of the MSA of Destination receives a draft of alert/rejection message (IE819:C_REJ_DAT) for validation from the Consignee. |
| Previous Objects | Consignee |

Table 5.152: Event Draft Alert or Rejection of an e-AD/e-SAD received

Task Handle validation results of the Alert or Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of the Alert or Rejection |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validations of Alert or Rejection |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.153: Task Handle validation results of the Alert or Rejection

Event Refusal message sent to Consignee since draft Alert or Rejection of an e-AD/e-SAD message had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to Consignee since draft Alert or Rejection of an e-AD/e-SAD message had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to Consignee since the Alert or Rejection of an e-AD/e-SAD (IE819) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the handling of validation results? |

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Table 5.154: Event Refusal message sent to Consignee since draft Alert or Rejection of an e-AD/e-SAD message had been found invalid

Event Alert or Rejection recorded since draft Alert or Rejection of message had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Alert or Rejection recorded since draft Alert or Rejection of message had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Alert or Rejection of an e-AD/e-SAD (IE819) 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 5.155: Event Alert or Rejection recorded since draft Alert or Rejection of message had been found valid

Task Identify whether it is an Alert or a Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether it is an Alert or a Rejection |
| Task Type | Service task |
| Description | The MSA examines the Alert or Rejection of an e-AD/e-SAD (IE819) message content in order to identify whether the "E-AD/E-SAD Rejected flag" item has '1' (Rejection) or '0' (Alert) value. This data item is expected to determine whether the e-AD/e-SAD is intended to be rejected or there is an alert for the e-AD/e-SAD. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-08-Perform Alert or Rejection |
| Input Data | Movement Rejected flag |
| Output Data | Result Identify whether it is an Alert or a Rejection |
| Previous Objects | Alert or Rejection recorded since draft Alert or Rejection of message had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0024 |
| Data Set | |
| Events | |
| State | |

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Table 5.156: Task Identify whether it is an Alert or a Rejection

Task Perform change of e-AD/e-SAD state to Rejected

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform change of e-AD/e-SAD state to Rejected |
| Task Type | Service task |
| Description | The state of the movement is set to “Rejected”. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-08-Perform Alert or Rejection |
| Input Data | Sequence Number Movement Rejected flag ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Alert or Rejection of an e-AD/e-SAD? |
| Information Exchange | |
| Requirements | COR_FUR_0025 |
| Data Set | e-AD/e-SAD state |
| Events | IE819 received with e-AD/e-SAD Rejected flag = Yes/True |
| State | Rejected |

Table 5.157: Task Perform change of e-AD/e-SAD state to Rejected

Event Alert or Rejection received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Alert or Rejection received |
| Event Type | Message start event |
| Description | The MSA of Dispatch received the Alert or Rejection (IE819) from the MSA of Destination. |
| Previous Objects | Notify Consignee and MSA of Dispatch of Alert or Rejection |

Table 5.158: Event Alert or Rejection received

Task Perform validations of Alert or Rejection

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| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validations of Alert or Rejection |
| 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-CORE-AS-IS-01-0x-Perform Alert or Rejection |
| Input Data | |
| Output Data | |
| Previous Objects | Alert or Rejection received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.159: Task Perform validations of Alert or Rejection

Task Notify Consignee and MSA of Dispatch of Alert or Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Consignee and MSA of Dispatch of Alert or Rejection |
| Task Type | Send task |
| Description | The MSA of Destination sends to the MSA of Dispatch the Alert or Rejection (IE819) |
| Actor | EMCS |
| Input Data | C_REJ_DAT |
| Output Data | |
| Previous Objects | Alert or Rejection of an e-AD/e-SAD? Perform change of e-AD/e-SAD state to Rejected |
| Information Exchange | alert or rejection of an e-AD/e-SAD |
| Requirements | COR_FUR_0026 |
| Data Set | |
| Events | |

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| State | |
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Table 5.160: Task Notify Consignee and MSA of Dispatch of Alert or Rejection

Task Handle validation results of the Alert or Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results of the Alert or Rejection |
| 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-CORE-AS-IS-01-0x-Perform Alert or Rejection |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validations of Alert or Rejection |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.161: Task Handle validation results of the Alert or Rejection

Event Alert or Rejection message sent to Consignee and MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Alert or Rejection message sent to Consignee and MSA of Dispatch |
| Event Type | End event |
| Description | Alert or Rejection (IE819) sent to Consignee and MSA of Dispatch. |
| Previous Objects | Notify Consignee and MSA of Dispatch of Alert or Rejection |

Table 5.162: Event Alert or Rejection message sent to Consignee and MSA of Dispatch

Event Refusal message sent to MSA of Dispatch since Alert or Rejection found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to MSA of Dispatch since Alert or Rejection found invalid |
| Event Type | End event |

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|------------------|---|
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the Alert or Rejection (IE819) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.163: Event Refusal message sent to MSA of Dispatch since Alert or Rejection found invalid

Event Alert or Rejection recorded since Alert or Rejection message had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Alert or Rejection recorded since Alert or Rejection message had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Alert or Rejection (IE819) 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 5.164: Event Alert or Rejection recorded since Alert or Rejection message had been found valid

Task Identify whether it is an Alert or a Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether it is an Alert or a Rejection |
| Task Type | Service task |
| Description | The MSA examines the Alert or Rejection of an e-AD/e-SAD (IE819) message content in order to identify whether the "E-AD/E-SAD Rejected flag" item has '1' (Rejection) or '0' (Alert) value. This data item is expected to determine whether the e-AD/e-SAD is intended to be rejected or there is an alert for the e-AD/e-SAD. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-08-Perform Alert or Rejection |
| Input Data | Movement Rejected flag |
| Output Data | Result Identify whether it is an Alert or a Rejection |
| Previous Objects | Alert or Rejection recorded since Alert or Rejection message had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0024 |

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| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.165: Task Identify whether it is an Alert or a Rejection

Task Perform change of e-AD/e-SAD state to Rejected

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform change of e-AD/e-SAD state to Rejected |
| Task Type | Service task |
| Description | The state of the movement is set to “Rejected”. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-08-Perform Alert or Rejection |
| Input Data | Sequence Number Movement Rejected flag ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Alert or Rejection of an e-AD/e-SAD? |
| Information Exchange | |
| Requirements | COR_FUR_0025 |
| Data Set | e-AD/e-SAD state |
| Events | IE819 received with e-AD/e-SAD Rejected flag = Yes/True |
| State | Rejected |

Table 5.166: Task Perform change of e-AD/e-SAD state to Rejected

Task Start timer TIM_CHS

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Start timer TIM_CHS |
| Task Type | Service task |
| Description | If the e-AD/e-SAD is rejected, the MSA of Dispatch application starts a timer (TIM_CHS) to expire at limit date for submission of a change of destination (or splitting) or, exceptionally, cancellation. |

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|---|---|
| | TIM_CHS is a timer associated with the submission of a change of destination or of a splitting when the delivery is refused or the consignment is rejected. Its Expiry Date is Date of refusal/rejection + national parameter limited by a common system parameter. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform Alert or Rejection L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | Movement Rejected flag Sequence Number Global Conclusion of Receipt ARC |
| Output Data | TIM_CHS Expiry Date |
| Previous Objects | Perform change of e-AD/e-SAD state to Rejected |
| Information Exchange | |
| Requirements | COR_FUR_0019 |
| Data Set | |
| Events | |
| State | |

Table 5.167: Task Start timer TIM_CHS

Task Notify Consignor of the Alert or Rejection

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Consignor of the Alert or Rejection |
| Task Type | Send task |
| Description | The MSA of Dispatch sends the Alert or Rejection (IE819) to the Consignor The MSA of Dispatch sends the Alert or Rejection (IE819) to the Consignor |
| Actor | EMCS |
| Input Data | C_REJ_DAT |
| Output Data | |
| Previous Objects | Alert or Rejection of an e-AD/e-SAD? Start timer TIM_CHS |
| Information Exchange | alert or rejection of an e-AD/e-SAD |

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| Requirements | COR_FUR_0028 |
| Data Set | |
| Events | |
| State | |

Table 5.168: Task Notify Consignor of the Alert or Rejection

Event Alert or Rejection sent to Consignor

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Alert or Rejection sent to Consignor |
| Event Type | End event |
| Description | The Alert or Rejection (IE819) was recorded and sent to Consignor. |
| Previous Objects | Notify Consignor of the Alert or Rejection |

Table 5.169: Event Alert or Rejection sent to Consignor

5.8. Process L4-CORE-01-09-Manage Explanations for Shortages and Excesses

5.8.1. Objective of Process

The purpose of this process is to describe the post-delivery of the movement.

This use case describes the dissemination of the explanation messages from the consignor and/or from the consignee. If the Report of Receipt declares shortages or excesses, then the Consignor and/or the Consignee may provide explanations by submitting a complementary explanations (IE871) message. The submission of explanations is optional for both the Consignor and the Consignee and may occur several times by the same actors. The explanations are disseminated to the MSA of Dispatch and to the MSA of Destination, so that they have as much information as possible to base their claims. (*)

More specifically,

- the explanations of the consignor may be for instance that he actually did not send all the goods described in the e-AD/e-SAD;
- the explanations of the consignee may be for instance that a part of goods have arrived late, after issuance of the report of receipt;
- other explanations may, for instance, describe losses that occurred during the transport (concurrently with event reports).

The process starts when the Economic Operator (Consignor/Consignee) sends Explanation on Reason for Shortage (IE871) to the Sending MSA (MSA of Dispatch/MSA of Destination). The Sending MSA receives Explanation on Reason for Shortage (IE871) and proceeds with validation and the handling of the validation results by using “Perform validation of Explanation on Reason for Shortage” subprocess and “Handle validation results of Explanation on Reason for Shortage” call-activity. Depending on the outcome (end event) of the “Handle validation results of Explanation on Reason for Shortage” call-activity, the following could happen:

- If a refusal message (IE917/IE704) is sent to the Economic Operator (since the Explanation on Reason for Shortage (IE871) was found invalid), the whole process ends at this point;

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- If the Explanation on Reason for Shortage (IE871) is recorded (since Explanation on Reason for Shortage (IE871) was found valid), the process continues.

The Sending MSA sends Explanation on Reason for Shortage (IE871) to the Receiving MSA (MSA of Destination/MSA of Dispatch). The Receiving MSA receives Explanation on Reason for Shortage (IE871). Then, the Receiving MSA proceeds with validation and the handling of the validation results by using “Perform validation of Explanation on Reason for Shortage” subprocess and “Handle validation results of Explanation on Reason for Shortage” call-activity. Depending on the outcome (end event) of the “Handle validation results of Explanation on Reason for Shortage” call-activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the Sending MSA (since the Explanation on Reason for Shortage (IE871) was found invalid), the whole process ends at this point;
- If the Explanation on Reason for Shortage (IE871) is recorded (since Explanation on Reason for Shortage (IE871) was found valid), the process ends.

The Receiving MSA has received and recorded Explanation on Reason for Shortage (IE871).

(*) In case of total or partial refusal of delivery, it is recommended, but not mandatory, to wait for the final delivery of goods at the last destination before exchanging explanations.

5.8.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|--|
| Process ID | L4-CORE-01-09 |
| Full Name | Manage Explanations for Shortages and Excesses |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-12-Manage Explanations on Reasons for Shortages or Excesses |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.170: Process Details

5.8.3. Tasks and Events

Task Perform validation of Explanation on Reason for Shortage

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation of Explanation on Reason for Shortage |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Manage Explanations for Shortages and Excesses |

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|----------------------|---|
| Input Data | |
| Output Data | |
| Previous Objects | Explanation on Reason for Shortage received from an Economic Operator |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.171: Task Perform validation of Explanation on Reason for Shortage

Event Explanation on Reason for Shortage received from an Economic Operator

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Reason for Shortage received from an Economic Operator |
| Event Type | Message start event |
| Description | The Sending MSA (MSA of Dispatch/MSA of Destination) application receives complementary explanations (IE871:C_SHR_EXP) regarding the shortages or excesses from an Economic Operator - Consignor/Consignee (e.g. the quantity of goods actually dispatched did not match with the e-AD/e-SAD). |
| Previous Objects | Economic Operator |

Table 5.172: Event Explanation on Reason for Shortage received from an Economic Operator

Task Handle validation results of Explanation on Reason for Shortage

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results of Explanation on Reason for Shortage |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Manage Explanations for Shortages and Excesses |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of Explanation on Reason for Shortage |
| Information Exchange | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.173: Task Handle validation results of Explanation on Reason for Shortage

Event Refusal message sent to Economic Operator due to Explanation on Reason for Shortage found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to Economic Operator due to Explanation on Reason for Shortage found invalid |
| Event Type | End event |
| Description | Refusal message (IE917/IE704) is sent to Economic Operator due to the fact that Explanation on Reason for Shortage was found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.174: Event Refusal message sent to Economic Operator due to Explanation on Reason for Shortage found invalid

Event Explanation on Reason for Shortage recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Reason for Shortage recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | Explanation on Reason for Shortage (IE871) recorded since Explanation on Reason for Shortage (IE871) had been found valid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.175: Event Explanation on Reason for Shortage recorded since it had been found valid

Task Notify Receiving MSA of Explanation on Reason for Shortage

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Notify Receiving MSA of Explanation on Reason for Shortage |
| Task Type | Send task |
| Description | The Sending MSA sends to the Receiving MSA the Explanation on Reason for Shortage (IE871). |
| Actor | EMCS |
| Input Data | C_SHR_EXP |

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|----------------------|---|
| Output Data | |
| Previous Objects | Explanation on Reason for Shortage recorded since it had been found valid |
| Information Exchange | explanation on reason for shortage |
| Requirements | COR_FUR_0029 |
| Data Set | |
| Events | |
| State | |

Table 5.176: Task Notify Receiving MSA of Explanation on Reason for Shortage

Event Explanation on Reason for Shortage sent to Receiving MSA

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Reason for Shortage sent to Receiving MSA |
| Event Type | End event |
| Description | Explanation on Reason for Shortage (IE871) is sent to Receiving MSA. |
| Previous Objects | Notify Receiving MSA of Explanation on Reason for Shortage |

Table 5.177: Event Explanation on Reason for Shortage sent to Receiving MSA

Event Explanation on Reason for Shortage received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Reason for Shortage received |
| Event Type | Message start event |
| Description | Explanation on Reason for Shortage (IE871) is received from the Sending MSA. |
| Previous Objects | Notify Receiving MSA of Explanation on Reason for Shortage |

Table 5.178: Event Explanation on Reason for Shortage received

Task Perform validation of Explanation on Reason for Shortage

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform validation of Explanation on Reason for Shortage |
| 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-CORE-AS-IS-01-0x-Manage Explanations for Shortages and Excesses |
| Input Data | |
| Output Data | |
| Previous Objects | Explanation on Reason for Shortage received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.179: Task Perform validation of Explanation on Reason for Shortage

Task Handle validation results of Explanation on Reason for Shortage

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results of Explanation on Reason for Shortage |
| 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-CORE-AS-IS-01-0x-Manage Explanations for Shortages and Excesses |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of Explanation on Reason for Shortage |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.180: Task Handle validation results of Explanation on Reason for Shortage

Event Refusal message sent to MSA due to Explanation on Reason for Shortage found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to MSA due to Explanation on Reason for Shortage |

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|------------------|---|
| | found invalid |
| Event Type | End event |
| Description | Refusal message (IE917/IE906) is sent to MSA due to the fact that Explanation on Reason for Shortage (IE871) was found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.181: Event Refusal message sent to MSA due to Explanation on Reason for Shortage found invalid

Event Explanation on Reason for Shortage received and recorded by Receiving MSA

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Explanation on Reason for Shortage received and recorded by Receiving MSA |
| Event Type | End event |
| Description | Explanation on Reason for Shortage (IE871) was recorded since it had been found valid and the process ends at this point. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.182: Event Explanation on Reason for Shortage received and recorded by Receiving MSA

5.9. Process L4-CORE-01-10-Perform Cancelation of an e-AD

5.9.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the cancellation of an e-AD by the consignor for 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). If a consignment has NOT left the Place of Dispatch, then the Consignor may submit an e-AD cancellation. Anytime before the actual dispatch of goods, the Consignor may send a cancellation message (IE810) to the MSA dispatch application.

The MSA of dispatch application receives the draft e-AD cancellation for validation (IE810) and proceeds with validation and the handling of the validation results by using “Perform validation of Cancellation of an e-AD” subprocess and “Handle validation results of Cancellation of an e-AD” call-activity. Depending on the outcome (end event) of the “Handle validation results of Cancellation of an e-AD” call-activity, the following could happen:

- If a refusal message (IE917/IE704) is sent to the Consignor (since the Cancellation of an e-AD (IE810) was found invalid), the whole process ends at this point;
- If the Cancellation of an e-AD (IE810) is recorded (since Cancellation of an e-AD (IE810) was found valid), the process continues.

Upon successful validation of the incoming message, the MSA dispatch application updates the state of the e-AD to “Cancelled” and forwards the cancellation notification (IE810) to the MSA destination application and back to the Consignor.

In addition, the EMCS at MSA of Dispatch handles the timers associated with the specific movement by using the “Handle Timers associated with a Cancellation of an e-AD” sub process (for a detailed description

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of the respective process please refer to “L4-CORE-01-11-Handle Timers associated with a Cancellation of an e-AD”.

The MSA destination application receives the cancellation notification message (IE810) and proceeds with validation and the handling of the validation results by using “Perform validation of Cancellation of an e-AD” subprocess and “Handle validation results of Cancellation of an e-AD” call-activity. Depending on the outcome (end event) of the “Handle validation results of Cancellation of an e-AD” call-activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the Cancellation of an e-AD (IE810) was found invalid), the whole process ends at this point;
- If the Cancellation of an e-AD (IE810) is recorded (since Cancellation of an e-AD (IE810) was found valid), the process continues.

The MSA destination application changes the state of the e-AD to “Cancelled” and forwards the cancellation notification (IE810) to the Consignee. The whole process ends here.

The cancellation of an e-AD is always a final operation and the movement state at the MSA dispatch and destination applications is updated to “Cancelled”, which is a final state.

5.9.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-10 |
| Full Name | Perform Cancellation of an e-AD |
| Assumptions | The consignment has not left the place of Dispatch |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-04-Perform Cancellation |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.183: Process Details

5.9.3. Tasks and Events

Task Perform validation of Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation of Cancellation of an e-AD |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform Cancelation of an e-AD |
| Input Data | |

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|----------------------|----------------------------------|
| Output Data | |
| Previous Objects | Cancellation of an e-AD received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.184: Task Perform validation of Cancellation of an e-AD

Event Cancellation of an e-AD received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Cancellation of an e-AD received |
| Event Type | Message start event |
| Description | The process starts when the MSA of Dispatch application receives a draft of cancellation of e-AD from Consignor for validation (IE810:C_CAN_DAT). |
| Previous Objects | Consignor |

Table 5.185: Event Cancellation of an e-AD received

Task Handle validation results of Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Handle validation results of Cancellation of an e-AD |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of Cancellation of an e-AD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

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Table 5.186: Task Handle validation results of Cancellation of an e-AD

Event Refusal message sent to Consignor since Cancellation of an e-AD had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to Consignor since Cancellation of an e-AD had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to Consignor since the Cancellation of an e-AD (IE810) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the validation results? |

Table 5.187: Event Refusal message sent to Consignor since Cancellation of an e-AD had been found invalid

Event Cancellation of an e-AD message recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Cancellation of an e-AD message recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Cancellation of an e-AD (IE810) was recorded since the Cancellation of an e-AD (IE810) had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-01-10-Perform Cancellation of an e-AD |
| Previous Objects | What is the outcome of the validation results? |

Table 5.188: Event Cancellation of an e-AD message recorded since it had been found valid

Task Perform change of the e-AD state to Cancelled

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform change of the e-AD state to Cancelled |
| Task Type | Service task |
| Description | The state of the movement is changed to “Cancelled”. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-10-Perform Cancellation of an e-AD |
| Input Data | ARC |
| Output Data | e-AD/e-SAD state |

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|----------------------|--|
| Previous Objects | Cancellation of an e-AD message recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0030 |
| Data Set | e-AD/e-SAD state |
| Events | IE810 received |
| State | Invalidated |

Table 5.189: Task Perform change of the e-AD state to Cancelled

Task Notify Consignor and MSA of Destination of Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify Consignor and MSA of Destination of Cancellation of an e-AD |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor and the MSA of Destination of the Cancellation of an e-AD (IE810). |
| Actor | EMCS |
| Input Data | C_CAN_DAT |
| Output Data | |
| Previous Objects | Perform change of the e-AD state to Cancelled |
| Information Exchange | cancellation of an e-AD |
| Requirements | COR_FUR_0031 |
| Data Set | |
| Events | |
| State | |

Table 5.190: Task Notify Consignor and MSA of Destination of Cancellation of an e-AD

Task Handle timers associated with a Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Handle timers associated with a Cancellation of an e-AD |
| Task Type | Subprocess (collapsed) |

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|----------------------|---|
| Description | This task is modeled in a separate process: L4-CORE-01-11-Handle Timers associated with a Cancellation of an e-AD |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Notify Consignor and MSA of Destination of Cancellation of an e-AD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.191: Task Handle timers associated with a Cancellation of an e-AD

Event Cancellation of an e-AD received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Cancellation of an e-AD received |
| Event Type | Message start event |
| Description | The MSA of Destination received the Cancellation of an e-AD (IE810) from the MSA of Dispatch. |
| Previous Objects | Notify Consignor and MSA of Destination of Cancellation of an e-AD |

Table 5.192: Event Cancellation of an e-AD received

Task Perform validation of Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform validation of Cancellation of an e-AD |
| 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 | Cancellation of an e-AD received |
| Information Exchange | |
| Requirements | |

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| Data Set | |
| Events | |
| State | |

Table 5.193: Task Perform validation of Cancellation of an e-AD

Event e-AD is cancelled and the cancellation notified to the MSA of Destination and to the Consignor

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | e-AD is cancelled and the cancellation notified to the MSA of Destination and to the Consignor |
| Event Type | End event |
| Description | Cancellation of an e-AD (IE810) forwarded to the MSA of Destination and the cancellation information communicated to the Consignor. |
| Previous Objects | Handle timers associated with a Cancellation of an e-AD |

Table 5.194: Event e-AD is cancelled and the cancellation notified to the MSA of Destination and to the Consignor

Task Handle validation results of Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results of Cancellation of an e-AD |
| 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-CORE-AS-IS-01-0x-Perform Cancelation of an e-AD |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of Cancellation of an e-AD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.195: Task Handle validation results of Cancellation of an e-AD

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Event Refusal message sent to MSA of Dispatch since Cancellation of an e-AD had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to MSA of Dispatch since Cancellation of an e-AD had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Destination since the Cancellation of an e-AD (IE810) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the validation results? |

Table 5.196: Event Refusal message sent to MSA of Dispatch since Cancellation of an e-AD had been found invalid

Event Cancellation of an e-AD message recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Cancellation of an e-AD message recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Cancellation of an e-AD (IE810) was recorded since the Cancellation of an e-AD (IE810) had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-01-10-Perform Cancellation of an e-AD |
| Previous Objects | What is the outcome of the validation results? |

Table 5.197: Event Cancellation of an e-AD message recorded since it had been found valid

Task Perform change of the e-AD state to Cancelled

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform change of the e-AD state to Cancelled |
| Task Type | Service task |
| Description | The state of the movement is changed to “Cancelled”. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-10-Perform Cancellation of an e-AD |
| Input Data | ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Cancellation of an e-AD message recorded since it had been found valid |

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|----------------------|------------------|
| Information Exchange | |
| Requirements | COR_FUR_0030 |
| Data Set | e-AD/e-SAD state |
| Events | IE810 received |
| State | Invalidated |

Table 5.198: Task Perform change of the e-AD state to Cancelled

Task Notify Consignee of Cancellation of an e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify Consignee of Cancellation of an e-AD |
| Task Type | Send task |
| Description | The MSA of Destination notifies the Consignee of the Cancellation of an e-AD (IE810). |
| Actor | EMCS |
| Input Data | C_CAN_DAT |
| Output Data | |
| Previous Objects | Perform change of the e-AD state to Cancelled |
| Information Exchange | cancellation of an e-AD |
| Requirements | COR_FUR_0033 |
| Data Set | |
| Events | |
| State | |

Table 5.199: Task Notify Consignee of Cancellation of an e-AD

Event Cancellation of an e-AD sent to Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Cancellation of an e-AD sent to Consignee |
| Event Type | End event |
| Description | The Cancellation of an e-AD (IE810) was found valid, the MSA of Destination sent the Cancellation of an e-AD (IE810) to the Consignee and the process ends. |

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| Previous Objects | Notify Consignee of Cancellation of an e-AD |
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Table 5.200: Event Cancellation of an e-AD sent to Consignee

5.10. Process L4-CORE-01-12-Perform Change of Destination

5.10.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the change of destination for a movement of Excise Goods, in accordance with the current Common Specifications (FESS and DDNEA).

To change the destination of a movement, the consignor updates part of information to show a new consignee or a new place of delivery. A change of destination should be submitted only when the goods have left the place of Dispatch. For movements under Duty Suspension, if the goods have not left the place of dispatch the consignor should cancel the e-AD and submit a new draft e-AD with the updated destination information instead.

The process is triggered when the EMCS at MSA of Dispatch receives a draft change of destination (IE813) from the Consignor. After the receipt of the draft change of destination, the EMCS at the MSA of Dispatch validates its data, by using the "L4-CORE-01-04-Perform validation of External Domain message" sub-process. Then, the EMCS at MSA of Dispatch proceeds with the handling of the validation results by using the "L4-CORE-01-06-Handle validation Results of External Domain message" process. Depending on the outcome (end event) of the "L4-CORE-01-06-Handle validation Results of External Domain message" process, the following may happen:

- a. If a refusal message (IE917/IE704) is sent to the Consignor (since the draft change of destination was found invalid), the whole process ends at this point;
- b. If the change of destination (IE813) is recorded (since the draft change of destination was found valid), the process continues.

Then, the EMCS at MSA of Dispatch updates the e-AD/e-SAD according to the changes, sets the state of the original e-AD/e-SAD (*) to Accepted and notifies the Consignor of the change of destination (IE813).

Following, the MSA of Dispatch examines what the update of e-AD/e-SAD indicates:

- If the update indicates a Change of Place of Delivery (applicable for either Duty Suspension or Duty Paid B2B movements), but not a change of the Member State of destination nor a change of Consignee, the process "L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery" is triggered. Upon completion of the process, the MSA of Dispatch has sent to the Consignor and to the MSA of Destination the Change of Place of Delivery.

- If the update indicates a Change of MSA of Destination (only applicable for Duty Suspension movements), the process "L4-CORE-01-13-Perform Change of Destination indicating Change of MSA" is triggered. Upon completion of the process the MSA of Dispatch has sent to the Consignor and to the former MSA of Destination, if any (since it is possible the MSA of Destination in the original e-AD to be unknown for Duty Suspension movements), the Change of MSA of Destination. Furthermore, the e-AD/e-SAD is sent to the MSA of Destination.

- If the update indicates Change of Consignee in the same Member State of destination (applicable for either Duty Suspension or Duty Paid B2B movements), the process "L4-CORE-01-14-Perform Change of Destination indicating Change of Consignee" is triggered. Upon completion of the process, the MSA of

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Dispatch has sent the Change of Consignee to the Consignor and the e-AD/e-SAD to the MSA of Destination.

Furthermore, the EMCS at MSA of Dispatch handles the timers associated with the specific movement by using the “L4-CORE-01-17-Handle Timers associated with a Change of Destination” sub-process (for a detailed description of the respective process please refer to “L4-CORE-01-17-Handle Timers associated with a Change of Destination”) and the whole process ends at this point.

(*) original e-AD/e-SAD, means the e-AD/e-SAD which has been previously generated.

5.10.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-12 |
| Full Name | Perform Change of Destination |
| Assumptions | The goods have left the place of Dispatch. |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-06-Perform Change of Destination |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.201: Process Details

5.10.3. Tasks and Events

Task Perform validation of draft Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation of draft Change of Destination |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Draft Change of Destination received |
| Information Exchange | |
| Requirements | |

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| Data Set | |
| Events | |
| State | |

Table 5.202: Task Perform validation of draft Change of Destination

Event Draft Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Draft Change of Destination received |
| Event Type | Message start event |
| Description | The current process starts when the MSA of Dispatch receives a draft Change of Destination (IE813) from the Consignor. |
| Previous Objects | Consignor |

Table 5.203: Event Draft Change of Destination received

Task Handle validation results of draft Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results of draft Change of Destination |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of draft Change of Destination |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.204: Task Handle validation results of draft Change of Destination

Event Refusal message sent to Consignor since draft Change of Destination had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|-----------------------|
|----------------------|-----------------------|

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|------------------|--|
| Event Name | Refusal message sent to Consignor since draft Change of Destination had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to Consignor since the draft Change of Destination (IE813) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.205: Event Refusal message sent to Consignor since draft Change of Destination had been found invalid

Event Change of Destination recorded since draft Change of Destination had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Change of Destination recorded since draft Change of Destination had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Change of Destination (IE813) was recorded since the draft Change of Destination (IE813) had been found valid and the process continues. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.206: Event Change of Destination recorded since draft Change of Destination had been found valid

Task Update e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Update e-AD/e-SAD |
| Task Type | Service task |
| Description | The MSA of Dispatch updates the e-AD/e-SAD according to the changes of the received Change of Destination (IE813). The e-AD/e-SAD is not cancelled but only updated. Older information remains available for consultation of the history of the movement. |
| Actor | EMCS |
| Input Data | C_UPD_DAT |
| Output Data | C_UPD_DAT |
| Previous Objects | Change of Destination recorded since draft Change of Destination had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0040 |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.207: Task Update e-AD/e-SAD

Task Perform change of original e-AD/e-SAD state to Accepted

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform change of original e-AD/e-SAD state to Accepted |
| Task Type | Service task |
| Description | The state of the movement is changed to “Accepted”. |
| Actor | EMCS |
| Input Data | ARC Sequence Number |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Update e-AD/e-SAD |
| Information Exchange | |
| Requirements | COR_FUR_0037 |
| Data Set | e-AD/e-SAD state |
| Events | IE813 received |
| State | Accepted |

Table 5.208: Task Perform change of original e-AD/e-SAD state to Accepted

Task Notify Consignor of Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Notify Consignor of Change of Destination |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the Change of Destination (IE813). |
| Actor | EMCS |
| Input Data | C_UPD_DAT |

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|----------------------|---|
| Output Data | |
| Previous Objects | Perform change of original e-AD/e-SAD state to Accepted |
| Information Exchange | change of destination |
| Requirements | COR_FUR_0038 |
| Data Set | |
| Events | |
| State | |

Table 5.209: Task Notify Consignor of Change of Destination

Task Identify what the update includes

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Identify what the update includes |
| Task Type | Service task |
| Description | The MSA of Dispatch examines what the update of the e-AD/e-SAD indicates. |
| Actor | EMCS |
| Input Data | Sequence Number TRADER New Consignee for IE813 TRADER Place of Delivery for IE813 ARC OFFICE Place of Delivery - Customs for IE813 |
| Output Data | Result Identify what the update includes |
| Previous Objects | Notify Consignor of Change of Destination |
| Information Exchange | |
| Requirements | COR_FUR_0039 |
| Data Set | |
| Events | |
| State | |

Table 5.210: Task Identify what the update includes

Task Perform change of destination indicating Change of Place of Delivery

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
|---------------------|----------------------|

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|----------------------|---|
| Task Name | Perform change of destination indicating Change of Place of Delivery |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | What does the update include? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.211: Task Perform change of destination indicating Change of Place of Delivery

Task Perform change of destination indicating Change of Consignee

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform change of destination indicating Change of Consignee |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-14-Perform Change of Destination indicating Change of Consignee. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | What does the update include? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.212: Task Perform change of destination indicating Change of Consignee

Task Perform change of destination indicating Change of MSA (Duty Suspension only)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
|---------------------|----------------------|

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| Excise Functional Requirements BPM Report for Core |
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|----------------------|---|
| Task Name | Perform change of destination indicating Change of MSA (Duty Suspension only) |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-13-Perform Change of Destination indicating Change of MSA. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | What does the update include? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.213: Task Perform change of destination indicating Change of MSA (Duty Suspension only)

Task Handle Timers associated with a Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Handle Timers associated with a Change of Destination |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-17-Handle Timers associated with a Change of Destination. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Perform change of destination indicating Change of Consignee Perform change of destination indicating Change of MSA (Duty Suspension only) Perform change of destination indicating Change of Place of Delivery |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.214: Task Handle Timers associated with a Change of Destination

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Event e-AD/e-SAD is in Accepted state and timers updated at MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD/e-SAD is in Accepted state and timers updated at MSA of Dispatch |
| Event Type | End event |
| Description | e-AD/e-SAD is in Accepted state and associated timers have been updated. |
| Previous Objects | Handle Timers associated with a Change of Destination |

Table 5.215: Event e-AD/e-SAD is in Accepted state and timers updated at MSA of Dispatch

5.11. Process L4-CORE-01-13-Perform Change of Destination indicating Change of MSA

5.11.1. Objective of Process

The purpose of this process is to describe the change of destination of a movement indicating Change of MSA of Destination.

The process is triggered when a Change of destination indicating Change of MSA of Destination is available at MSA of Dispatch. The EMCS at the MSA of Dispatch builds an e-AD (IE801) with the same ARC as in the original e-AD (*), records the generated e-AD (IE801) and notifies the new MSA of Destination of the e-AD (IE801).

After the receipt of the e-AD (IE801) by the new MSA of Destination, the process “L4-CORE-01-16-Handle e-AD upon Change of Destination” is triggered. Upon completion of the process, the MSA of Dispatch has sent to the Consignee the e-AD (IE801).

Following, if the MSA of Destination in the original e-AD is known, the MSA of Dispatch forwards the Change of Destination (IE813) to the MSA of Destination mentioned in the original e-AD (former MSA of Destination) and the process continues.

After the receipt of the change of destination (IE813), the EMCS at the former MSA of Destination/ MSA of Export proceeds with validating its data, by using the “L4-CORE-01-03-Perform validation of Common Domain message” sub-process. Then, the EMCS at the former MSA of Destination/ MSA of Export proceeds with the handling of the validation results by using the “L4-CORE-01-05-Handle validation Results of Common Domain message” process. Depending on the outcome (end event) of the “L4-CORE-01-05-Handle validation Results of Common Domain message” process, the following may happen:

- a. If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the change of destination was found invalid), the whole process ends at this point;
- b. If the change of destination is recorded (since the change of destination was found valid), the process continues.
Then, the EMCS at the former MSA of Destination/ MSA of Export changes state of the e-AD to Diverted.
After this:

- In case of MSA of Export, the whole process ends here;

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- In case of MSA of Destination, the EMCS at the former MSA of Destination builds the notification of diverted e-AD, records the diverted e-AD and notifies the former Consignee of the diverted e-AD (IE803). The whole process ends at this point.

(*) original e-AD, means the e-AD which has been previously generated.

5.11.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|--|
| Process ID | L4-CORE-01-13 |
| Full Name | Perform Change of Destination indicating Change of MSA |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-10-Handle Change of Destination indicating Change of MSA of Destination |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.216: Process Details

5.11.3. Tasks and Events

Event Change of Destination indicating Change of MSA is available at MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Change of Destination indicating Change of MSA is available at MSA of Dispatch |
| Event Type | Start event |
| Description | The MSA of Dispatch has received and successfully validated a draft e-AD update (IE813:C_UPD_DAT) where a change of Member State of Destination is indicated. |
| Previous Objects | |

Table 5.217: Event Change of Destination indicating Change of MSA is available at MSA of Dispatch

Task Build e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Build e-AD |
| Task Type | Service task |
| Description | EMCS of the MSA of Dispatch generates an e-AD (IE801) with the same ARC as in the original e-AD and any new destination details. In case of change of destination for a partially refused movement, the generated e-AD(IE801) includes the refused quantity declared by the former Consignee |

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| | in the partially refused report of receipt. Otherwise, the quantity is the same as the one in the original e-AD (IE801). |
| Actor | EMCS |
| Input Data | Result Identify what the update includes C_UPD_DAT |
| Output Data | C_EAD_VAL |
| Previous Objects | Change of Destination indicating Change of MSA is available at MSA of Dispatch |
| Information Exchange | |
| Requirements | COR_FUR_0041 |
| Data Set | |
| Events | |
| State | |

Table 5.218: Task Build e-AD

Task Record e-AD(s)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record e-AD(s) |
| Task Type | Service task |
| Description | The updated e-AD(s) are stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-18-Perform Splitting of Consignment |
| Input Data | C_EAD_VAL |
| Output Data | C_EAD_VAL |
| Previous Objects | Build e-AD |
| Information Exchange | |
| Requirements | COR_FUR_0042 |
| Data Set | C_EAD_VAL |
| Events | |

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| State | |
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Table 5.219: Task Record e-AD(s)

Task Notify MSA of Destination/ MSA of Export of e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify MSA of Destination/ MSA of Export of e-AD |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the MSA of Destination/ MSA of Export of the e-AD (IE801). |
| Actor | EMCS |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Record e-AD(s) |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0054 |
| Data Set | |
| Events | |
| State | |

Table 5.220: Task Notify MSA of Destination/ MSA of Export of e-AD

Task Identify whether the destination is known in the original e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the destination is known in the original e-AD |
| Task Type | Service task |
| Description | EMCS of the MSA of Dispatch checks whether the MSA of Destination is known in the original e-AD. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-18-Perform Splitting of Consignment |
| Input Data | ARC Sequence Number Destination Type Code |
| Output Data | Result Identify whether destination is known in the original e-AD |

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| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD |
| Information Exchange | |
| Requirements | COR_FUR_0045 |
| Data Set | |
| Events | |
| State | |

Table 5.221: Task Identify whether the destination is known in the original e-AD

Task Notify former MSA of Destination/ MSA of Export, of the Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify former MSA of Destination/ MSA of Export, of the Change of Destination |
| Task Type | Send task |
| Description | If the destination of the movement is known, the EMCS of the MSA of Dispatch submits a Change of Destination (IE813) to the former MSA of Destination/ MSA of Export. |
| Actor | EMCS |
| Input Data | C_UPD_DAT |
| Output Data | |
| Previous Objects | Was the Destination known in the original e-AD? |
| Information Exchange | change of destination |
| Requirements | COR_FUR_0043 |
| Data Set | |
| Events | |
| State | |

Table 5.222: Task Notify former MSA of Destination/ MSA of Export, of the Change of Destination

Event Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Change of Destination received |
| Event Type | Message start event |
| Description | The former MSA of Destination/ MSA of Export received the Change of |

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|------------------|---|
| | Destination (IE813) from the MSA of Dispatch. |
| Previous Objects | Notify former MSA of Destination/ MSA of Export, of the Change of Destination |

Table 5.223: Event Change of Destination received

Event e-AD sent to MSA of Destination/ MSA of Export and Change of Destination sent to Former MSA of Destination/ MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD sent to MSA of Destination/ MSA of Export and Change of Destination sent to Former MSA of Destination/ MSA of Export |
| Event Type | End event |
| Description | The Change of Destination (IE813) and e-AD (IE801) messages have been sent to the former MSA of Destination/ MSA of Export and MSA of Destination/ MSA of Export respectively. |
| Previous Objects | Was the Destination known in the original e-AD? Notify former MSA of Destination/ MSA of Export, of the Change of Destination |

Table 5.224: Event e-AD sent to MSA of Destination/ MSA of Export and Change of Destination sent to Former MSA of Destination/ MSA of Export

Task Perform validation of the Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation of the Change of Destination |
| 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-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Change of Destination received |
| Information Exchange | |
| Requirements | |
| Data Set | |

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| Events | |
| State | |

Table 5.225: Task Perform validation of the Change of Destination

Event e-AD/e-SAD upon Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD/e-SAD upon Change of Destination received |
| Event Type | Message start event |
| Description | The MSA of Destination/ MSA of Export received the e-AD/e-SAD (IE801) from the MSA of Dispatch. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-14-Perform Change of Destination indicating Change of Consignee |
| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD |

Table 5.226: Event e-AD/e-SAD upon Change of Destination received

Task Handle validation results of the Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle validation results of the Change of Destination |
| 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-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of the Change of Destination |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

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| PROCESS MODELS |

Table 5.227: Task Handle validation results of the Change of Destination

Task Handle e-AD/e-SAD upon Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle e-AD/e-SAD upon Change of Destination |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-14-Perform Change of Destination indicating Change of Consignee |
| Input Data | |
| Output Data | |
| Previous Objects | e-AD/e-SAD upon Change of Destination received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.228: Task Handle e-AD/e-SAD upon Change of Destination

Event e-AD/e-SAD received and sent to the Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD/e-SAD received and sent to the Consignee |
| Event Type | End event |
| Description | The MSA of Destination/MSA of Export received the e-AD/e-SAD. If the new destination is not for export, the MSA of Destination has forwarded it to the Consignee. The process ends at this point. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Previous Objects | Handle e-AD/e-SAD upon Change of Destination |

Table 5.229: Event e-AD/e-SAD received and sent to the Consignee

Event Refusal message sent to MSA of Dispatch since Change of Destination had been found invalid

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| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Refusal message sent to MSA of Dispatch since Change of Destination had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the Change of Destination (IE813) had been found invalid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.230: Event Refusal message sent to MSA of Dispatch since Change of Destination had been found invalid

Event Change of Destination recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Change of Destination recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Change of Destination (IE813) was recorded since it had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.231: Event Change of Destination recorded since it had been found valid

Task Perform change of e-AD state to Diverted

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Perform change of e-AD state to Diverted |
| Task Type | Service task |
| Description | The state of the movement is changed to “Diverted” |
| Actor | EMCS |
| Input Data | Sequence Number ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Change of Destination recorded since it had been found valid |

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| Excise Functional Requirements BPM Report for Core |
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| Information Exchange | |
| Requirements | COR_FUR_0046 |
| Data Set | e-AD/e-SAD state |
| Events | IE813 received |
| State | Diverted |

Table 5.232: Task Perform change of e-AD state to Diverted

Task Identify whether the destination of the movement is for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the destination of the movement is for Export |
| Task Type | Service task |
| Description | The MSA identifies if the destination of the movement is for Export. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | Result Identify whether the destination of the movement is for Export |
| Previous Objects | Perform change of e-AD state to Diverted |
| Information Exchange | |
| Requirements | COR_FUR_0047 |
| Data Set | |
| Events | |
| State | |

Table 5.233: Task Identify whether the destination of the movement is for Export

Task Build Notification of Diverted e-AD

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| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Build Notification of Diverted e-AD |
| Task Type | Service task |
| Description | The former MSA of Destination builds a notification of a diverted e-AD (IE803). |
| Actor | EMCS |
| Input Data | C_UPD_DAT Result Identify whether the destination of the movement is for Export |
| Output Data | C_EAD_NOT |
| Previous Objects | Was the initial destination of the movement for Export? |
| Information Exchange | |
| Requirements | COR_FUR_0048 |
| Data Set | |
| Events | |
| State | |

Table 5.234: Task Build Notification of Diverted e-AD

Event Change of Destination found valid and received by MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Change of Destination found valid and received by MSA of Export |
| Event Type | End event |
| Description | The Change of Destination (IE813) was found valid and received by MSA of Export. At this point the process ends. |
| Appears also in the following processes | L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery |
| Previous Objects | Was the initial destination of the movement for Export? |

Table 5.235: Event Change of Destination found valid and received by MSA of Export

Task Record Notification of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--------------------------------------|
| Task Name | Record Notification of Diverted e-AD |
| Task Type | Service task |

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|---|--|
| Description | The Notification of Diverted e-AD (IE803) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-18-Perform Splitting of Consignment |
| Input Data | C_EAD_NOT |
| Output Data | C_EAD_NOT |
| Previous Objects | Build Notification of Diverted e-AD |
| Information Exchange | |
| Requirements | COR_FUR_0049 |
| Data Set | |
| Events | |
| State | |

Table 5.236: Task Record Notification of Diverted e-AD

Task Notify former Consignee of Notification of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify former Consignee of Notification of Diverted e-AD |
| Task Type | Send task |
| Description | The MSA of Destination notifies the former Consignee of the Notification of Diverted e-AD (IE803). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination |
| Input Data | C_EAD_NOT |
| Output Data | |
| Previous Objects | Record Notification of Diverted e-AD |
| Information Exchange | notification of diverted e-AD/e-SAD |
| Requirements | COR_FUR_0044 |
| Data Set | |
| Events | |

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| State | |
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Table 5.237: Task Notify former Consignee of Notification of Diverted e-AD

Event Notification of Diverted e-AD sent to former Consignee due to change of MSA of Destination

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Notification of Diverted e-AD sent to former Consignee due to change of MSA of Destination |
| Event Type | End event |
| Description | The former MSA of Destination sent the Notification of Diverted e-AD (IE803) to the former Consignee. |
| Previous Objects | Notify former Consignee of Notification of Diverted e-AD |

Table 5.238: Event Notification of Diverted e-AD sent to former Consignee due to change of MSA of Destination

5.12. Process L4-CORE-01-14-Perform Change of Destination indicating Change of Consignee

5.12.1. Objective of Process

The purpose of this process is to describe the change of destination of a movement indicating Change of Consignee.

The process is triggered when a Change of destination indicating Change of Consignee is available at MSA of Dispatch. The EMCS at the MSA of Dispatch builds an e-AD/e-SAD (IE801) with the same ARC as in the original e-AD/e-SAD (*), records the generated e-AD/e-SAD (IE801), notifies the MSA of Destination of the e-AD/e-SAD (IE801) and the process continues.

After the receipt of the e-AD/e-SAD (IE801) by the MSA of Destination, the process “L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination” is triggered. Upon completion of the process, the MSA of Dispatch has sent to the Consignee the e-AD/e-SAD (IE801).

Following, the EMCS at MSA of Destination builds the notification of diverted e-AD/e-SAD, records the diverted e-AD and notifies the former Consignee of the diverted e-AD/e-SAD (IE803). The whole process ends.

It shall be highlighted that for Duty Paid B2B movements, a change of destination indicating Change of Consignee is allowed only where the new consignee is actually the original consignor. This feature can be used to return the goods to the Place of Dispatch, for instance as a form of cancellation of a Duty Paid B2B movement.

(*) original e-AD/e-SAD, means the e-AD/e-SAD which has been previously generated.

5.12.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|-------------------------|
|------------------------|-------------------------|

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|-------------------------|---|
| Process ID | L4-CORE-01-14 |
| Full Name | Perform Change of Destination indicating Change of Consignee |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-11-Handle Change of Destination indicating Change of Consignee |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.239: Process Details

5.12.3. Tasks and Events

Event Change of Destination indicating Change of Consignee is available at MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Change of Destination indicating Change of Consignee is available at MSA of Dispatch |
| Event Type | Start event |
| Description | The MSA of Dispatch has received and successfully validated a draft e-AD/e-SAD update (IE813:C_UPD_DAT) where a change of Consignee is indicated. |
| Previous Objects | |

Table 5.240: Event Change of Destination indicating Change of Consignee is available at MSA of Dispatch

Task Build e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Build e-AD/e-SAD |
| Task Type | Service task |
| Description | EMCS of the MSA of Dispatch generates an e-AD/e-SAD (IE801) with the same ARC as in the original e-AD/e-SAD and any new destination details. In case of change of destination for a partially refused movement, the generated e-AD/e-SAD(IE801) includes the refused quantity declared by the former Consignee in the partially refused report of receipt. Otherwise, the quantity is the same as the one in the original e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Input Data | Result Identify what the update includes C_UPD_DAT |
| Output Data | C_EAD_VAL |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|--|
| Previous Objects | Change of Destination indicating Change of Consignee is available at MSA of Dispatch |
| Information Exchange | |
| Requirements | COR_FUR_0041 |
| Data Set | |
| Events | |
| State | |

Table 5.241: Task Build e-AD/e-SAD

Task Record e-AD/e-SAD(s)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---------------------------------------|
| Task Name | Record e-AD/e-SAD(s) |
| Task Type | Service task |
| Description | The updated e-AD/e-SAD(s) are stored. |
| Actor | EMCS |
| Input Data | C_EAD_VAL |
| Output Data | C_EAD_VAL |
| Previous Objects | Build e-AD/e-SAD |
| Information Exchange | |
| Requirements | COR_FUR_0042 |
| Data Set | |
| Events | |
| State | |

Table 5.242: Task Record e-AD/e-SAD(s)

Task Notify MSA of Destination/ MSA of Export of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the MSA of Destination/ MSA of Export of the e-AD/e-SAD (IE801). |
| Actor | EMCS |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|----------------------|
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Record e-AD/e-SAD(s) |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0054 |
| Data Set | |
| Events | |
| State | |

Table 5.243: Task Notify MSA of Destination/ MSA of Export of e-AD/e-SAD

Event e-AD/e-SAD sent to MSA of Destination/ MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD/e-SAD sent to MSA of Destination/ MSA of Export |
| Event Type | End event |
| Description | The e-AD/e-SAD (IE801) message has been sent to the MSA of Destination/ MSA of Export. |
| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |

Table 5.244: Event e-AD/e-SAD sent to MSA of Destination/ MSA of Export

Event e-AD/e-SAD upon Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD/e-SAD upon Change of Destination received |
| Event Type | Message start event |
| Description | The MSA of Destination/ MSA of Export received the e-AD/e-SAD (IE801) from the MSA of Dispatch. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |

Table 5.245: Event e-AD/e-SAD upon Change of Destination received

Task Handle e-AD/e-SAD upon Change of Destination

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle e-AD/e-SAD upon Change of Destination |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Input Data | |
| Output Data | |
| Previous Objects | e-AD/e-SAD upon Change of Destination received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.246: Task Handle e-AD/e-SAD upon Change of Destination

Task Build Notification of Diverted e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Build Notification of Diverted e-AD/e-SAD |
| Task Type | Service task |
| Description | The MSA of Destination builds a notification of a diverted e-AD/e-SAD (IE803). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | C_EAD_VAL |
| Output Data | C_EAD_NOT |
| Previous Objects | Handle e-AD/e-SAD upon Change of Destination |
| Information Exchange | |
| Requirements | COR_FUR_0048 |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.247: Task Build Notification of Diverted e-AD/e-SAD

Task Record Notification of Diverted e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Record Notification of Diverted e-AD/e-SAD |
| Task Type | Service task |
| Description | The Notification of Diverted e-AD/e-SAD (IE803) is stored. |
| Actor | EMCS |
| Input Data | C_EAD_NOT |
| Output Data | C_EAD_NOT |
| Previous Objects | Build Notification of Diverted e-AD/e-SAD |
| Information Exchange | |
| Requirements | COR_FUR_0049 |
| Data Set | |
| Events | |
| State | |

Table 5.248: Task Record Notification of Diverted e-AD/e-SAD

Task Notify former Consignee of Notification of Diverted e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Notify former Consignee of Notification of Diverted e-AD/e-SAD |
| Task Type | Send task |
| Description | The MSA of Destination notifies the former Consignee of the Notification of Diverted e-AD/e-SAD (IE803). |
| Actor | EMCS |
| Input Data | C_EAD_NOT |
| Output Data | |
| Previous Objects | Record Notification of Diverted e-AD/e-SAD |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|-------------------------------------|
| Information Exchange | notification of diverted e-AD/e-SAD |
| Requirements | COR_FUR_0044 |
| Data Set | |
| Events | |
| State | |

Table 5.249: Task Notify former Consignee of Notification of Diverted e-AD/e-SAD

Event e-AD/e-SAD received and Notification of Diverted e-AD/e-SAD sent to Former Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD/e-SAD received and Notification of Diverted e-AD/e-SAD sent to Former Consignee |
| Event Type | End event |
| Description | The MSA of Destination received the e-AD/e-SAD (IE801) and sent the Notification of Diverted e-AD/e-SAD (IE803) to the former Consignee. |
| Previous Objects | Notify former Consignee of Notification of Diverted e-AD/e-SAD |

Table 5.250: Event e-AD/e-SAD received and Notification of Diverted e-AD/e-SAD sent to Former Consignee

5.13. Process L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery

5.13.1. Objective of Process

The purpose of this process is to describe the change of destination of a movement indicating Change of Place of Delivery.

The process is triggered when a Change of destination indicating Change of Place of Delivery is available at MSA of Dispatch. The EMCS at the MSA of Dispatch forwards the Change of Destination (IE813) to the MSA of Destination and the process continues.

After the receipt of the change of destination (IE813), the EMCS at MSA of Destination/ MSA of Export proceeds with validating its data, by using the "L4-CORE-01-03-Perform validation of Common Domain message" sub-process. Then, the EMCS at MSA of Destination/ MSA of Export proceeds with the handling of the validation results by using the "L4-CORE-01-05-Handle validation Results of Common Domain message" process. Depending on the outcome (end event) of the "L4-CORE-01-05-Handle validation Results of Common Domain message" process, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the change of destination was found invalid), the whole process ends at this point;
- If the change of destination is recorded (since the change of destination was found valid), the process continues.

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Then, the EMCS at MSA of Destination/ MSA of Export sets state of the e-AD/e-SAD to Accepted. After this:

- In case of MSA of Export (i.e. for Duty Suspension movements), the whole process ends here;
- In case of MSA of Destination, the EMCS at MSA of Destination forwards the Change of Destination (IE813) to the Consignee and the whole process ends.

5.13.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-15 |
| Full Name | Perform Change of Destination indicating Change of Place of Delivery |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-09-Handle Change of Destination indicating Change of Place of Delivery |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.251: Process Details

5.13.3. Tasks and Events

Event Change of Destination indicating Change of Place of Delivery is available at MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Change of Destination indicating Change of Place of Delivery is available at MSA of Dispatch |
| Event Type | Start event |
| Description | The MSA of Dispatch has received and successfully validated a draft e-AD/e-SAD update (IE813:C_UPD_DAT) where a change of the Place of Delivery is indicated. |
| Previous Objects | |

Table 5.252: Event Change of Destination indicating Change of Place of Delivery is available at MSA of Dispatch

Task Notify MSA of Destination, of the Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Notify MSA of Destination, of the Change of Destination |
| Task Type | Send task |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|---|--|
| Description | The EMCS of the MSA of Dispatch forwards the Change of Destination (IE813) to the unchanged MSA of Destination/ MSA of Export. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | C_UPD_DAT Result Identify what the update includes |
| Output Data | |
| Previous Objects | Change of Destination indicating Change of Place of Delivery is available at MSA of Dispatch |
| Information Exchange | change of destination |
| Requirements | COR_FUR_0050 |
| Data Set | |
| Events | |
| State | |

Table 5.253: Task Notify MSA of Destination, of the Change of Destination

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

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Change of Destination sent to MSA of Destination/ MSA of Export |
| Event Type | End event |
| Description | The Change of Destination (IE813) message has been sent to the MSA of Destination/ MSA of Export. |
| Previous Objects | Notify MSA of Destination, of the Change of Destination |

Table 5.254: Event Change of Destination sent to MSA of Destination/ MSA of Export

Event Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Change of Destination received |
| Event Type | Message start event |
| Description | The MSA of Destination/ MSA of Export received the Change of Destination (IE813) from the MSA of Dispatch. |
| Previous Objects | Notify MSA of Destination, of the Change of Destination |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.255: Event Change of Destination received

Task Perform validation of the Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation of the Change of Destination |
| 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-CORE-01-13-Perform Change of Destination indicating Change of MSA L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Change of Destination received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.256: Task Perform validation of the Change of Destination

Task Handle validation results of the Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle validation results of the Change of Destination |
| 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-CORE-01-13-Perform Change of Destination indicating Change of MSA L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of the Change of Destination |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.257: Task Handle validation results of the Change of Destination

Event Refusal message sent to MSA of Dispatch since Change of Destination had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Refusal message sent to MSA of Dispatch since Change of Destination had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the Change of Destination (IE813) had been found invalid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.258: Event Refusal message sent to MSA of Dispatch since Change of Destination had been found invalid

Event Change of Destination recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Change of Destination recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Change of Destination (IE813) was recorded since it had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.259: Event Change of Destination recorded since it had been found valid

Task Set e-AD/e-SAD state to Accepted

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
|---------------------|----------------------|

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| Excise Functional Requirements BPM Report for Core |
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|----------------------|--|
| Task Name | Set e-AD/e-SAD state to Accepted |
| Task Type | Service task |
| Description | The state of the e-AD/e-SAD is set to “Accepted”. |
| Actor | EMCS |
| Input Data | ARC Sequence Number |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Change of Destination recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0051 |
| Data Set | e-AD/e-SAD state |
| Events | IE813 received |
| State | Accepted |

Table 5.260: Task Set e-AD/e-SAD state to Accepted

Task Identify whether the destination of the movement is for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the destination of the movement is for Export |
| Task Type | Service task |
| Description | The MSA identifies if the destination of the movement is for Export. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-13-Perform Change of Destination indicating Change of MSA L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | Result Identify whether the destination of the movement is for Export |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|----------------------------------|
| Previous Objects | Set e-AD/e-SAD state to Accepted |
| Information Exchange | |
| Requirements | COR_FUR_0047 |
| Data Set | |
| Events | |
| State | |

Table 5.261: Task Identify whether the destination of the movement is for Export

Task Notify Consignee of Change of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify Consignee of Change of Destination |
| Task Type | Send task |
| Description | The MSA of Destination notifies the Consignee of the Change of Destination (IE813). |
| Actor | EMCS |
| Input Data | Result Identify whether the destination of the movement is for Export C_UPD_DAT |
| Output Data | |
| Previous Objects | Was the initial destination of the movement for Export? |
| Information Exchange | change of destination |
| Requirements | COR_FUR_0052 |
| Data Set | |
| Events | |
| State | |

Table 5.262: Task Notify Consignee of Change of Destination

Event Change of Destination found valid and received by MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Change of Destination found valid and received by MSA of Export |
| Event Type | End event |
| Description | The Change of Destination (IE813) was found valid and received by MSA of Export. At this point the process ends. |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|---|--|
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Previous Objects | Was the initial destination of the movement for Export? |

Table 5.263: Event Change of Destination found valid and received by MSA of Export

Event Change of Destination sent to Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Change of Destination sent to Consignee |
| Event Type | End event |
| Description | The MSA of Destination sent the Change of Destination (IE813) to the Consignee. |
| Previous Objects | Notify Consignee of Change of Destination |

Table 5.264: Event Change of Destination sent to Consignee

5.14. Process L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination

5.14.1. Objective of Process

The purpose of this process is to describe the handling of an e-AD/e-SAD upon Change of Destination at the MSA of Destination/ MSA of Export.

The process is triggered when an e-AD/e-SAD is available at MSA of Destination/ MSA of Export upon Change of Destination. After the receipt of the e-AD/e-SAD (IE801), the EMCS at MSA of Destination/ MSA of Export proceeds with validating its data, by using the “Perform validation of e-AD/e-SAD” 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 e-AD/e-SAD” call activity. Depending on the outcome (end event) of the “Handle validation results of e-AD/e-SAD” call activity, the following may happen:

- If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the e-AD/e-SAD was found invalid), the whole process ends at this point;
- If the e-AD/e-SAD is recorded (since the e-AD/e-SAD was found valid), the process continues.

Then, the EMCS at MSA of Destination/ MSA of Export examines whether the update of e-AD/e-SAD indicates a Change of Consignee or a Change of MSA of Destination:

- In case of Change of Consignee the EMCS at MSA of Destination sets e-AD/e-SAD state to Accepted;
- In case of Change of MSA of Destination, the EMCS at MSA of Destination identifies whether a movement with the same ARC exists and sets or changes state of the e-AD to Accepted.

After this:

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

- In case of MSA of Export, the whole process ends here;
- In case of MSA of Destination, the EMCS at MSA of Destination notifies the Consignee of the e-AD (IE801) and the whole process ends.

5.14.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-16 |
| Full Name | Handle e-AD/e-SAD upon Change of Destination |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-10-Handle Change of Destination indicating Change of MSA of Destination L3-CORE-01-11-Handle Change of Destination indicating Change of Consignee |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.265: Process Details

5.14.3. Tasks and Events

Task Perform validation of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform validation 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 |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-01-Submit and Register e-AD/e-SAD L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | e-AD/e-SAD upon Change of Destination received |
| Information Exchange | |
| Requirements | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.266: Task Perform validation of e-AD/e-SAD

Event e-AD/e-SAD upon Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | e-AD/e-SAD upon Change of Destination received |
| Event Type | Start event |
| Description | The new MSA of Destination/MSA of Export has received the generated e-AD/e-SAD with the updated destination details (IE801: C_EAD_VAL). |
| Previous Objects | |

Table 5.267: Event e-AD/e-SAD upon Change of Destination received

Task Handle validation results of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results 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 |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-01-Submit and Register e-AD/e-SAD L4-CORE-AS-IS-01-0x-Perform change of destination |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of e-AD/e-SAD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.268: Task Handle validation results of e-AD/e-SAD

Event Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid

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| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the e-AD/e-SAD (IE801) had been found invalid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.269: Event Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid

Event e-AD/e-SAD recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | e-AD/e-SAD recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The e-AD/e-SAD (IE801) was recorded since it had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.270: Event e-AD/e-SAD recorded since it had been found valid

Task Set e-AD/e-SAD state to Accepted

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Set e-AD/e-SAD state to Accepted |
| Task Type | Task |
| Description | If a movement with the same ARC exists, the new MSA of Destination/MSA of Export records the e-AD/e-SAD and changes its state from diverted to accepted. If a movement with the same ARC does not exist, the new MSA of Destination records the e-AD/e-SAD in the accepted state. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination |
| Input Data | ARC Sequence Number |

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|----------------------|---|
| Output Data | e-AD/e-SAD state |
| Previous Objects | e-AD/e-SAD recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0051 |
| Data Set | e-AD/e-SAD state |
| Events | IE801 received |
| State | Accepted |

Table 5.271: Task Set e-AD/e-SAD state to Accepted

Task Identify whether the destination of the movement is for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the destination of the movement is for Export |
| Task Type | Service task |
| Description | The MSA identifies if the destination of the movement is for Export. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-13-Perform Change of Destination indicating Change of MSA L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | Result Identify whether the destination of the movement is for Export |
| Previous Objects | Set e-AD/e-SAD state to Accepted |
| Information Exchange | |
| Requirements | COR_FUR_0047 |
| Data Set | |

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| Events | |
| State | |

Table 5.272: Task Identify whether the destination of the movement is for Export

Task Notify Consignee of updated e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Consignee of updated e-AD/e-SAD |
| Task Type | Send task |
| Description | The EMCS of the MSA of Destination forwards the e-AD/e-SAD (IE801) to the new Consignee. |
| Actor | EMCS |
| Input Data | C_EAD_VAL Result Identify whether the destination of the movement is for Export |
| Output Data | |
| Previous Objects | Was the initial destination of the movement for Export? |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0053 |
| Data Set | |
| Events | |
| State | |

Table 5.273: Task Notify Consignee of updated e-AD/e-SAD

Event e-AD found valid and received by MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD found valid and received by MSA of Export |
| Event Type | End event |
| Description | The e-AD (IE801) was found valid and received by MSA of Export. At this point the process ends. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination |
| Previous Objects | Was the initial destination of the movement for Export? |

Table 5.274: Event e-AD found valid and received by MSA of Export

Event e-AD/e-SAD received and sent to the Consignee

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| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD/e-SAD received and sent to the Consignee |
| Event Type | End event |
| Description | The MSA of Destination/MSA of Export received the e-AD/e-SAD. If the new destination is not for export, the MSA of Destination has forwarded it to the Consignee. The process ends at this point. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Previous Objects | Notify Consignee of updated e-AD/e-SAD |

Table 5.275: Event e-AD/e-SAD received and sent to the Consignee

5.15. Process L4-CORE-01-18-Perform Splitting of Consignment

5.15.1. Objective of Process

The purpose of this process is to describe all possible paths in the electronic flow of the Splitting of a Consignment of energy products, moved under suspension of Excise Duty, into two or more movements, in accordance with the current Common Specifications (FESS and DDNEA).

The process is triggered when the EMCS at MSA of Dispatch receives a submitted draft of splitting operation (IE825) from the Consignor. After the receipt of the submitted draft of splitting operation, the EMCS at the MSA of Dispatch validates its data, by using the “L4-CORE-01-04-Perform validation of External Domain message” sub-process. Then, the EMCS at MSA of Dispatch proceeds with the handling of the validation results by using the “L4-CORE-01-06-Handle validation Results of External Domain message” process. Depending on the outcome (end event) of the “L4-CORE-01-06-Handle validation Results of External Domain message” process, the following may happen:

- If a refusal message (IE917/IE704) is sent to the Consignor (since the submitted draft of splitting operation was found invalid), the whole process ends at this point;
- If the submitted draft of splitting operation (IE825) is recorded (since the submitted draft of splitting operation was found valid), the process continues.

The EMCS at MSA of Dispatch changes the state of the initial e-AD state to Replaced, generates a new e-AD (IE801) and records the new e-AD. Furthermore, the EMCS at MSA of Dispatch sets the state of the generated e-AD(s) to Accepted and notifies the Consignor and the MSA of Destination of the e-AD (IE801) through the “L4-CORE-01-19-Forward e-AD to Consignor” and “L4-CORE-01-20-Forward e-AD to MSA of Destination” processes. These processes are separately performed for each newly created e-AD.

Following, the MSA of Dispatch generates and records a 'Notification of Diverted e-AD' (IE803) and forwards it to the Consignor. In case the destination of the movement is known, the EMCS at the MSA of Dispatch also forwards the Notification of Diverted e-AD' (IE803) to the MSA of Destination mentioned in the initial e-AD.

Finally, the EMCS at MSA of Dispatch handles the timers associated with the splitting movement by using the “L4-CORE-01-22-Handle Timers associated with Splitting Operation” and the process ends here.

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5.15.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-18 |
| Full Name | Perform Splitting of Consignment |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-05-Perform Splitting of Consignment |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.276: Process Details

5.15.3. Tasks and Events

Task Perform validation of the Submitted Draft of Splitting Operation

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform validation of the Submitted Draft of Splitting Operation |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Perform split of movement |
| Input Data | |
| Output Data | |
| Previous Objects | Submitted Draft of Splitting Operation received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.277: Task Perform validation of the Submitted Draft of Splitting Operation

Event Submitted Draft of Splitting Operation received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|-----------------------|
|----------------------|-----------------------|

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|------------------|---|
| Event Name | Submitted Draft of Splitting Operation received |
| Event Type | Message start event |
| Description | The current process starts when the MSA of Dispatch receives a Submitted Draft of Splitting Operation (IE825) from the Consignor. |
| Previous Objects | Consignor |

Table 5.278: Event Submitted Draft of Splitting Operation received

Task Handle validation results of the Submitted Draft of Splitting Operation

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle validation results of the Submitted Draft of Splitting Operation |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Perform split of movement |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of the Submitted Draft of Splitting Operation |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.279: Task Handle validation results of the Submitted Draft of Splitting Operation

Event Refusal message sent to Consignor since Submitted Draft of Splitting Operation had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Refusal message sent to Consignor since Submitted Draft of Splitting Operation had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to Consignor since the Submitted Draft of Splitting Operation (IE825) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the validation? |

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Table 5.280: Event Refusal message sent to Consignor since Submitted Draft of Splitting Operation had been found invalid

Event Submitted Draft of Splitting Operation message recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Submitted Draft of Splitting Operation message recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Submitted Draft of Splitting Operation (IE825) was recorded since the Submitted Draft of Splitting Operation (IE825) had been found valid and the process continues. |
| Previous Objects | What is the outcome of the validation? |

Table 5.281: Event Submitted Draft of Splitting Operation message recorded since it had been found valid

Task Perform change of initial e-AD state to Replaced

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform change of initial e-AD state to Replaced |
| Task Type | Service task |
| Description | The state of the former e-AD is changed to “Replaced”. |
| Actor | EMCS |
| Input Data | Upstream ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Submitted Draft of Splitting Operation message recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0062 |
| Data Set | e-AD/e-SAD state |
| Events | IE825 received |
| State | Replaced |

Table 5.282: Task Perform change of initial e-AD state to Replaced

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Task Build new e-AD(s)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Build new e-AD(s) |
| Task Type | Service task |
| Description | The EMCS of the MSA of Dispatch assigns a new ARC to each new e-AD and inserts into it the ARC of the split e-AD as upstream linking information; all other information than explicitly given is directly copied from the former e-AD. |
| Actor | EMCS |
| Input Data | E_SPL_SUB C_EAD_VAL |
| Output Data | C_EAD_VAL |
| Previous Objects | Perform change of initial e-AD state to Replaced |
| Information Exchange | |
| Requirements | COR_FUR_0063 |
| Data Set | |
| Events | |
| State | |

Table 5.283: Task Build new e-AD(s)

Task Record e-AD(s)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record e-AD(s) |
| Task Type | Service task |
| Description | The updated e-AD(s) are stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Input Data | C_EAD_VAL |
| Output Data | C_EAD_VAL |
| Previous Objects | Build new e-AD(s) |

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|----------------------|--------------|
| Information Exchange | |
| Requirements | COR_FUR_0042 |
| Data Set | C_EAD_VAL |
| Events | |
| State | |

Table 5.284: Task Record e-AD(s)

Task Set new e-AD state to Accepted

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Set new e-AD state to Accepted |
| Task Type | Service task |
| Description | The state of the new e-AD(s) is set to “Accepted”. |
| Actor | EMCS |
| Input Data | Sequence Number ARC |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Record e-AD(s) |
| Information Exchange | |
| Requirements | COR_FUR_0064 |
| Data Set | e-AD/e-SAD state |
| Events | IE825 received |
| State | Accepted |

Table 5.285: Task Set new e-AD state to Accepted

Task Forward e-AD to Consignor

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Forward e-AD to Consignor |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-19-Forward e-AD to Consignor. |

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|----------------------|--------------------------------|
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Set new e-AD state to Accepted |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.286: Task Forward e-AD to Consignor

Task Forward e-AD to MSA of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Forward e-AD to MSA of Destination |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-20-Forward e-AD to MSA of Destination. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Set new e-AD state to Accepted |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.287: Task Forward e-AD to MSA of Destination

Task Build Notification of Diverted e-AD message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Build Notification of Diverted e-AD message |
| Task Type | Service task |
| Description | The EMCS of the MSA of Dispatch builds a replacement notification message and inserts the list of replacing e-AD(s) into the replaced e-AD. |

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|----------------------|---|
| Actor | EMCS |
| Input Data | C_EAD_VAL E_SPL_SUB |
| Output Data | C_EAD_NOT |
| Previous Objects | Forward e-AD to MSA of Destination Forward e-AD to Consignor |
| Information Exchange | |
| Requirements | COR_FUR_0065 |
| Data Set | |
| Events | |
| State | |

Table 5.288: Task Build Notification of Diverted e-AD message

Task Record Notification of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record Notification of Diverted e-AD |
| Task Type | Service task |
| Description | The Notification of Diverted e-AD (IE803) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Input Data | C_EAD_NOT |
| Output Data | C_EAD_NOT |
| Previous Objects | Build Notification of Diverted e-AD message |
| Information Exchange | |
| Requirements | COR_FUR_0049 |
| Data Set | |
| Events | |
| State | |

Table 5.289: Task Record Notification of Diverted e-AD

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Task Notify Consignor of Notification of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Notify Consignor of Notification of Diverted e-AD |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the Notification of Diverted e-AD (IE803). |
| Actor | EMCS |
| Input Data | C_EAD_NOT |
| Output Data | |
| Previous Objects | Record Notification of Diverted e-AD |
| Information Exchange | notification of diverted e-AD/e-SAD |
| Requirements | COR_FUR_0066 |
| Data Set | |
| Events | |
| State | |

Table 5.290: Task Notify Consignor of Notification of Diverted e-AD

Task Identify whether the destination is known in the original e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the destination is known in the original e-AD |
| Task Type | Service task |
| Description | EMCS of the MSA of Dispatch checks whether the MSA of Destination is known in the original e-AD. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Input Data | ARC Sequence Number Destination Type Code |
| Output Data | Result Identify whether destination is known in the original e-AD |
| Previous Objects | Record Notification of Diverted e-AD |

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| Information Exchange | |
| Requirements | COR_FUR_0045 |
| Data Set | |
| Events | |
| State | |

Table 5.291: Task Identify whether the destination is known in the original e-AD

Task Forward notification of diverted e-AD to MSA of Destination

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Forward notification of diverted e-AD to MSA of Destination |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Is the Destination of the initial e-AD known? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.292: Task Forward notification of diverted e-AD to MSA of Destination

Task Handle Timers associated with Splitting Operation

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Handle Timers associated with Splitting Operation |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-22-Handle Timers associated with Splitting Operation. |
| Actor | EMCS |
| Input Data | |
| Output Data | |
| Previous Objects | Notify Consignor of Notification of Diverted e-AD Forward notification of diverted e-AD to MSA of Destination |

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|----------------------|---|
| | Is the Destination of the initial e-AD known? |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.293: Task Handle Timers associated with Splitting Operation

Event New e-AD is in "Accepted" state and timers updated at MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | New e-AD is in "Accepted" state and timers updated at MSA of Dispatch |
| Event Type | End event |
| Description | The new e-AD is in the "Accepted" state and associated timers have been updated. |
| Previous Objects | Handle Timers associated with Splitting Operation |

Table 5.294: Event New e-AD is in "Accepted" state and timers updated at MSA of Dispatch

5.16. Process L4-CORE-01-19-Forward e-AD(s) to Consignor

5.16.1. Objective of Process

The purpose of this process is to describe the forwarding of e-AD(s) to Consignor. This process is separately performed for each newly created e-AD when applicable.

The process is triggered when the e-AD is available at the MSA of Dispatch due to Splitting of a movement of Excise Goods moved under suspension of Excise Duty. The EMCS at MSA of Dispatch initiates the timer TIM_EAD_ESAD and notifies the Consignor of the e-AD (IE801), and the process ends at this point.

5.16.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-19 |
| Full Name | Forward e-AD(s) to Consignor |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-07-Forward e-AD to Consignor |
| Existing Specifications | Design Document for National |

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| PROCESS MODELS |

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Table 5.295: Process Details

5.16.3. Tasks and Events

Event e-AD available from Splitting

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD available from Splitting |
| Event Type | Start event |
| Description | The MSA of Dispatch application has successfully validated and recorded the newly created e-AD(s) resulting from a splitting operation. The newly created e-AD(s) are ready to be disseminated. |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination |
| Previous Objects | |

Table 5.296: Event e-AD available from Splitting

Task Start timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Start timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | When the submitted e-AD/e-SAD is valid, the MSA dispatch application starts the TIM_EAD_ESAD timer to expire at the expected end of the movement, which is the date of dispatch plus the journey time for Duty Suspension movements, while for Duty Paid movements it is the date of dispatch plus the journey time plus the offset defined in the common system parameter "Time To Complete Fiscal Formalities for Duty Paid Movements". |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | ARC Sequence Number |
| Output Data | Timer TIM_EAD_ESAD Expiry Date |
| Previous Objects | e-AD available from Splitting |
| Information Exchange | |
| Requirements | COR_FUR_0006 |

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| Data Set | |
| Events | |
| State | |

Table 5.297: Task Start timer TIM_EAD_ESAD

Task Notify Consignor of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify Consignor of e-AD/e-SAD |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Start timer TIM_EAD_ESAD |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0002 |
| Data Set | |
| Events | |
| State | |

Table 5.298: Task Notify Consignor of e-AD/e-SAD

Event e-AD sent to Consignor

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD sent to Consignor |
| Event Type | End event |
| Description | MSA of Dispatch sent e-AD to Consignor and the process ends at this point. |
| Previous Objects | Notify Consignor of e-AD/e-SAD |

Table 5.299: Event e-AD sent to Consignor

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5.17. Process L4-CORE-01-20-Forward e-AD(s) to MSA of Destination

5.17.1. Objective of Process

The purpose of this process is to describe the forwarding of e-AD from MSA of Dispatch to MSA of Destination/MSA of Export.

The process is triggered when the e-AD is available at the MSA of Dispatch due to Splitting of a movement of Excise Goods moved under suspension of Excise Duty.

This process and all its subsequent sub-processes are separately performed for each newly created e-AD when applicable.

The EMCS at MSA of Dispatch identifies whether the destination is known. If the destination is unknown, the timer TIM_FDF is initiated and the process ends. If the destination is known, the MSA of Dispatch forwards the e-AD to the MSA of Destination/ MSA of Export (IE801) and the process continues.

After the receipt of the e-AD (IE801), the EMCS at MSA of Destination/ MSA of Export proceeds with validating its data, by using the “Perform validation of e-AD” 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 e-AD” call activity. Depending on the outcome (end event) of the “Handle validation results of e-AD” call activity, the following may happen:

- a. If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the e-AD was found invalid), the whole process ends at this point;
- b. If the e-AD is recorded (since the e-AD was found valid), the process continues and the EMCS at MSA of Destination/ MSA of Export sets state of the e-AD to Accepted.

After this:

- In case of MSA of Export, the whole process ends here;
- In case of MSA of Destination, the EMCS at MSA of Destination notifies the Consignee of the e-AD (IE801) and the whole process ends.

5.17.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|--|
| Process ID | L4-CORE-01-20 |
| Full Name | Forward e-AD(s) to MSA of Destination |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-08-Forward e-AD to MSA of Destination |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.300: Process Details

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5.17.3. Tasks and Events

Event e-AD available from Splitting

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD available from Splitting |
| Event Type | Start event |
| Description | The MSA of Dispatch application has successfully validated and recorded the newly created e-AD(s) resulting from a splitting operation. The newly created e-AD(s) are ready to be disseminated. |
| Appears also in the following processes | L4-CORE-01-19-Forward e-AD(s) to Consignor |
| Previous Objects | |

Table 5.301: Event e-AD available from Splitting

Task Identify whether Destination of the movement is known (Duty Suspension only)

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether Destination of the movement is known (Duty Suspension only) |
| Task Type | Service task |
| Description | <p>The MSA of Dispatch identifies whether the destination of the movement is known (i.e. whether the destination fields in the e-AD/e-SAD (IE801) are filled in).</p> <p>Note: This task is only performed for movements of goods under duty suspension.</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | ARC Destination Type Code Sequence Number |
| Output Data | Result Identify whether the destination of the movement is known |
| Previous Objects | e-AD available from Splitting |
| Information Exchange | |
| Requirements | COR_FUR_0003 |
| Data Set | |

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| Events | |
| State | |

Table 5.302: Task Identify whether Destination of the movement is known (Duty Suspension only)

Task Start timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Start timer TIM_FDF |
| Task Type | Service task |
| Description | <p>If the destination of the movement is unknown (i.e. the destination fields were left empty according to Article 22 of Council Directive 2020/262), the MSA of Dispatch starts a timer (TIM_FDF) to expire at the limit date for filling in these fields.</p> <p>That limit date cannot be later than the expected end of movement (i.e. the expiry of the TIM_EAD_ESAD timer).</p> <p>TIM_FDF is a timer associated with the filling in of destination fields (Article 22(1) of Directive 2020/262). Its Expiry Date is Date of dispatch + national parameter and cannot be more than the expiry date of TIM_EAD_ESAD.</p> |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | Result Identify whether the destination of the movement is known Sequence Number ARC |
| Output Data | TIM_FDF Expiry Date |
| Previous Objects | Is the destination of the movement known? |
| Information Exchange | |
| Requirements | COR_FUR_0004 |
| Data Set | |
| Events | |
| State | |

Table 5.303: Task Start timer TIM_FDF

Task Notify MSA of Destination/ MSA of Export of e-AD/e-SAD

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| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |
| Task Type | Send task |
| Description | If the destination of the movement is known, the MSA of Dispatch notifies the MSA of Destination/ MSA of Export of the e-AD/e-SAD (IE801). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Is the destination of the movement known? |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0005 |
| Data Set | |
| Events | |
| State | |

Table 5.304: Task Notify MSA of Destination/ MSA of Export of e-AD/e-SAD

Event Unknown destination, the e-AD is not intended to be sent to MSA of Destination / MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Unknown destination, the e-AD is not intended to be sent to MSA of Destination / MSA of Export |
| Event Type | End event |
| Description | The e-AD is not sent to MSA of Destination / MSA of Export and the process ends at this point. |
| Previous Objects | Start timer TIM_FDF |

Table 5.305: Event Unknown destination, the e-AD is not intended to be sent to MSA of Destination / MSA of Export

Event e-AD, available from Splitting, sent to MSA of Destination/ MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | e-AD, available from Splitting, sent to MSA of Destination/ MSA of Export |

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|------------------|---|
| Event Type | End event |
| Description | e-AD (IE801) sent to MSA of Destination/ MSA of Export. |
| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |

Table 5.306: Event e-AD, available from Splitting, sent to MSA of Destination/ MSA of Export

Event e-AD/e-SAD upon Change of Destination received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | e-AD/e-SAD upon Change of Destination received |
| Event Type | Message start event |
| Description | The MSA of Destination/ MSA of Export received the e-AD/e-SAD (IE801) from the MSA of Dispatch. |
| Appears also in the following processes | L4-CORE-01-14-Perform Change of Destination indicating Change of Consignee L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Previous Objects | Notify MSA of Destination/ MSA of Export of e-AD/e-SAD |

Table 5.307: Event e-AD/e-SAD upon Change of Destination received

Task Perform validation of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Perform validation 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 |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD L4-CORE-AS-IS-01-0x-Perform change of destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | |
| Output Data | |
| Previous Objects | e-AD/e-SAD upon Change of Destination received |
| Information Exchange | |
| Requirements | |
| Data Set | |

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| Events | |
| State | |

Table 5.308: Task Perform validation of e-AD/e-SAD

Task Handle validation results of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle validation results 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 |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD L4-CORE-AS-IS-01-0x-Perform change of destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of e-AD/e-SAD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.309: Task Handle validation results of e-AD/e-SAD

Event Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the e-AD/e-SAD (IE801) had been found invalid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Previous Objects | What is the outcome of the handling of validation results? |

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Table 5.310: Event Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid

Event e-AD/e-SAD recorded since it had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | e-AD/e-SAD recorded since it had been found valid |
| Event Type | Conditional intermediate event |
| Description | The e-AD/e-SAD (IE801) was recorded since it had been found valid and the process continues. |
| Appears also in the following processes | L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.311: Event e-AD/e-SAD recorded since it had been found valid

Task Set e-AD/e-SAD state to Accepted

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Set e-AD/e-SAD state to Accepted |
| Task Type | Task |
| Description | If a movement with the same ARC exists, the new MSA of Destination/MSA of Export records the e-AD/e-SAD and changes its state from diverted to accepted. If a movement with the same ARC does not exist, the new MSA of Destination records the e-AD/e-SAD in the accepted state. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | ARC Sequence Number |
| Output Data | e-AD/e-SAD state |
| Previous Objects | e-AD/e-SAD recorded since it had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0051 |
| Data Set | e-AD/e-SAD state |
| Events | IE801 received |

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| State | Accepted |
|-------|----------|

Table 5.312: Task Set e-AD/e-SAD state to Accepted

Task Identify whether the destination of the movement is for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Identify whether the destination of the movement is for Export |
| Task Type | Service task |
| Description | The MSA identifies if the destination of the movement is for Export. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | Result Identify whether the destination of the movement is for Export |
| Previous Objects | Set e-AD/e-SAD state to Accepted |
| Information Exchange | |
| Requirements | COR_FUR_0047 |
| Data Set | |
| Events | |
| State | |

Table 5.313: Task Identify whether the destination of the movement is for Export

Task Notify Consignee of e-AD/e-SAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Notify Consignee of e-AD/e-SAD |
| Task Type | Send task |
| Description | The MSA of Destination notifies the Consignee of the e-AD/e-SAD (IE801). |

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|---|--|
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-01-Submit and Register e-AD/e-SAD 2014_3_L4-CBC-01-01-Submit and Register e-AD |
| Input Data | C_EAD_VAL |
| Output Data | |
| Previous Objects | Was the initial destination of the movement for Export? |
| Information Exchange | e-AD/e-SAD |
| Requirements | COR_FUR_0007 |
| Data Set | |
| Events | |
| State | |

Table 5.314: Task Notify Consignee of e-AD/e-SAD

Event e-AD found valid and received by MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD found valid and received by MSA of Export |
| Event Type | End event |
| Description | The e-AD (IE801) was found valid and received by MSA of Export. At this point the process ends. |
| Appears also in the following processes | L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Previous Objects | Was the initial destination of the movement for Export? |

Table 5.315: Event e-AD found valid and received by MSA of Export

Event e-AD/e-SAD received and sent to the Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | e-AD/e-SAD received and sent to the Consignee |
| Event Type | End event |
| Description | The MSA of Destination/MSA of Export received the e-AD/e-SAD. If the new destination is not for export, the MSA of Destination has forwarded it to the Consignee. The process ends at this point. |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |

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| | L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Previous Objects | Notify Consignee of e-AD/e-SAD |

Table 5.316: Event e-AD/e-SAD received and sent to the Consignee

5.18. Process L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination

5.18.1. Objective of Process

The purpose of this process is to describe the forwarding of notification of diverted e-AD from MSA of Dispatch to MSA of Destination/MSA of Export.

The process is triggered when the notification of diverted e-AD is available at the MSA of Dispatch due to Splitting of a movement of Excise Goods moved under suspension of Excise Duty.

The EMCS at MSA of Dispatch forwards the notification of diverted e-AD to the MSA of Destination/ MSA of Export (IE803) and the process continues.

After the receipt of the notification of diverted e-AD (IE803), the EMCS at MSA of Destination/ MSA of Export proceeds with validating its data, by using the “Perform validation of the notification of diverted e-AD” 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 the notification of diverted e-AD” call activity. Depending on the outcome (end event) of the “Handle validation results of the notification of diverted e-AD” call activity, the following may happen:

- a. If a refusal message (IE917/IE906) is sent to the MSA of Dispatch (since the notification of diverted e-AD was found invalid), the whole process ends at this point;
- b. If the notification of diverted e-AD is recorded (since the notification of diverted e-AD was found valid), the process continues and the EMCS at MSA of Destination/ MSA of Export changes state of the original e-AD to Replaced.

After this:

- In case of MSA of Export, the whole process ends here;
- In case of MSA of Destination, the EMCS at MSA of Destination notifies the Consignee of the notification of diverted e-AD (IE803) and the whole process ends.

5.18.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|---|
| Process ID | L4-CORE-01-21 |
| Full Name | Forward notification of Diverted e-AD to MSA of Destination |
| Assumptions | N/A |
| Constraints | No constraints. |

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| L3 Reference Models | L3-CORE-01-05-Perform Splitting of Consignment |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.317: Process Details

5.18.3. Tasks and Events

Event Notification of Diverted e-AD available

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Notification of Diverted e-AD available |
| Event Type | Start event |
| Description | Upon the receipt of a Submitted Draft of Splitting Operation (IE825), the EMCS of the MSA of Dispatch forwards the Notification of Diverted e-AD (IE803) to the Consignor. |
| Previous Objects | |

Table 5.318: Event Notification of Diverted e-AD available

Task Notify former MSA of Destination/ MSA of Export of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Notify former MSA of Destination/ MSA of Export of Diverted e-AD |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the former MSA of Destination/ MSA of Export of the Notification of Diverted e-AD (IE803). |
| Actor | EMCS |
| Input Data | C_EAD_NOT |
| Output Data | |
| Previous Objects | Notification of Diverted e-AD available |
| Information Exchange | notification of diverted e-AD/e-SAD |
| Requirements | COR_FUR_0067 |
| Data Set | |
| Events | |
| State | |

Table 5.319: Task Notify former MSA of Destination/ MSA of Export of Diverted e-AD

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Event Notification of Diverted e-AD sent to former MSA of Destination / MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Notification of Diverted e-AD sent to former MSA of Destination / MSA of Export |
| Event Type | End event |
| Description | Notification of Diverted e-AD sent to former MSA of Destination / MSA of Export. |
| Previous Objects | Notify former MSA of Destination/ MSA of Export of Diverted e-AD |

Table 5.320: Event Notification of Diverted e-AD sent to former MSA of Destination / MSA of Export

Event Notification of Diverted e-AD received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Notification of Diverted e-AD received |
| Event Type | Message start event |
| Description | The former MSA of Destination/ MSA of Export received the Notification of Diverted e-AD (IE803) from the MSA of Dispatch. |
| Previous Objects | Notify former MSA of Destination/ MSA of Export of Diverted e-AD |

Table 5.321: Event Notification of Diverted e-AD received

Task Perform validation of the Notificaiton of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform validation of the Notificaiton of Diverted e-AD |
| 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-CORE-AS-IS-01-0X-Perform split of movement |
| Input Data | |
| Output Data | |
| Previous Objects | Notification of Diverted e-AD received |
| Information Exchange | |
| Requirements | |
| Data Set | |

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| Events | |
| State | |

Table 5.322: Task Perform validation of the Notification of Diverted e-AD

Task Handle validation results of the Notification of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle validation results of the Notification of Diverted e-AD |
| 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-CORE-AS-IS-01-0X-Perform split of movement |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of the Notification of Diverted e-AD |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.323: Task Handle validation results of the Notification of Diverted e-AD

Event Refusal message sent to Consignor since Notification of Diverted e-AD had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to Consignor since Notification of Diverted e-AD had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to MSA of Dispatch since the Notification of Diverted e-AD (IE803) had been found invalid and the process ends at this point. |
| Previous Objects | What is the outcome of the validation? |

Table 5.324: Event Refusal message sent to Consignor since Notification of Diverted e-AD had been found invalid

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Event Notification of Diverted e-AD message recorded since Notification of Diverted e-AD had been found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Notification of Diverted e-AD message recorded since Notification of Diverted e-AD had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Notification of Diverted e-AD (IE803) was recorded since it had been found valid and the process continues. |
| Previous Objects | What is the outcome of the validation? |

Table 5.325: Event Notification of Diverted e-AD message recorded since Notification of Diverted e-AD had been found valid

Task Perform change of original e-AD state to Replaced

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform change of original e-AD state to Replaced |
| Task Type | Service task |
| Description | The state of the e-AD is changed to "Replaced". |
| Actor | EMCS |
| Input Data | EXCISE NOTIFICATION |
| Output Data | e-AD/e-SAD state |
| Previous Objects | Notification of Diverted e-AD message recorded since Notification of Diverted e-AD had been found valid |
| Information Exchange | |
| Requirements | COR_FUR_0068 |
| Data Set | e-AD/e-SAD state |
| Events | IE803 received |
| State | Replaced |

Table 5.326: Task Perform change of original e-AD state to Replaced

Task Identify whether the destination of the movement is for Export

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
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|---|---|
| Task Name | Identify whether the destination of the movement is for Export |
| Task Type | Service task |
| Description | The MSA identifies if the destination of the movement is for Export. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-20-Forward e-AD(s) to MSA of Destination L4-CORE-01-13-Perform Change of Destination indicating Change of MSA L4-CORE-01-15-Perform Change of Destination indicating Change of Place of Delivery L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination |
| Input Data | Destination Type Code Sequence Number ARC |
| Output Data | Result Identify whether the destination of the movement is for Export |
| Previous Objects | Perform change of original e-AD state to Replaced |
| Information Exchange | |
| Requirements | COR_FUR_0047 |
| Data Set | |
| Events | |
| State | |

Table 5.327: Task Identify whether the destination of the movement is for Export

Task Notify former Consignee of Notification of Diverted e-AD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify former Consignee of Notification of Diverted e-AD |
| Task Type | Send task |
| Description | The MSA of Destination notifies the former Consignee of the Notification of Diverted e-AD (IE803). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-13-Perform Change of Destination indicating Change of MSA |
| Input Data | C_EAD_NOT |
| Output Data | |

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|----------------------|-------------------------------------|
| Previous Objects | Is the movement for Export? |
| Information Exchange | notification of diverted e-AD/e-SAD |
| Requirements | COR_FUR_0044 |
| Data Set | |
| Events | |
| State | |

Table 5.328: Task Notify former Consignee of Notification of Diverted e-AD

Event Notification of Diverted e-AD found valid and received by MSA of Export

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Notification of Diverted e-AD found valid and received by MSA of Export |
| Event Type | End event |
| Description | The Notification of Diverted e-AD (IE803) was found valid and received by MSA of Export. At this point the process ends. |
| Previous Objects | Is the movement for Export? |

Table 5.329: Event Notification of Diverted e-AD found valid and received by MSA of Export

Event e-AD set in Replaced state and Notification of Diverted e-AD sent to former Consignee

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | e-AD set in Replaced state and Notification of Diverted e-AD sent to former Consignee |
| Event Type | End event |
| Description | The MSA of Destination sent the Notification of Diverted e-AD (IE803) to the former Consignee and the e-AD is in "Replaced" state. The process ends. |
| Previous Objects | Notify former Consignee of Notification of Diverted e-AD |

Table 5.330: Event e-AD set in Replaced state and Notification of Diverted e-AD sent to former Consignee

5.19. Process L4-CORE-01-23-Provide Information on Intended Claims

5.19.1. Objective of Process

The purpose of this process is to describe the notification of the MSA of Dispatch by any MSA application claiming the recovery of duties for a movement that shortages have been ascertained, in accordance with the current Common Specifications (FESS and DDNEA). The Claiming MSA can be the MSA of Dispatch or the MSA of Destination or any other MSA.

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The process is triggered when shortages and Excesses have been ascertained for the movement and the Excise Officer decides to register the analysis results.

The EMCS automatically records all the information provided, builds and records/stores the Basis for Recovery of Duties (IE861).

The EMCS of the Claiming MSA identifies whether the Claiming MSA is the MSA of Dispatch (as in this case analysis results are available in the MSA of Dispatch and the process ends at this point). In any other case the claiming MSA is a third MSA (including the case it is a former MSA of Destination) or a MSA of Destination and has to send the results of the analysis (IE861) to the MSA of Dispatch giving the basis of calculation of duties that it intends to claim from the guarantor and the process continues.

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

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

5.19.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-23 |
| Full Name | Provide Information on Intended Claims |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-13-Manage Information on Intended Claims |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.331: Process Details

5.19.3. Tasks and Events

Event Shortages and Excesses have been ascertained for the movement and the Excise Officer decides to register the analysis results

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Shortages and Excesses have been ascertained for the movement and the Excise Officer decides to register the analysis results |
| Event Type | Start event |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|---|---|
| Description | <p>The Excise officer in the claiming MSA has received part or all of:</p> <ul style="list-style-type: none"> · the e-AD/e-SAD (possibly through “Download of an e-AD/e-SAD” and “General query to retrieve an e-AD/e-SAD”; · the report of receipt, possibly several reports of receipt if partial refusal has been performed on the concerned e-AD/e-SAD; · reports of controls carried out during the movement; · reports of events issued during the movement; · additional explanations provided by the consignor and/or by the consignee; · additional information brought by other MSAs (possibly in response to request for assistance). <p>In order to have this information, the Excise Officer may have to download the movement through “Download of an e-AD/e-SAD” and “General query to retrieve an e-AD/e-SAD”. Specifically, when the claims are based on shortages declared in a Report of Receipt:</p> <ul style="list-style-type: none"> · if the claiming MSA is a non-involved MSA the e-AD/e-SAD download is mandatory; · if the claiming MSA is the MSA of Dispatch the e-AD/e-SAD download is not applicable; · if the claiming MSA is the MSA of Destination the e-AD/e-SAD download is optional, but recommended; · if the claiming MSA is a former MSA of Destination that has submitted the Report of Receipt ascertaining shortages the e-AD/e-SAD download is optional, but recommended; · if the claiming MSA is a former MSA of Destination and the Report of Receipt ascertaining shortages is submitted by a different MSA the e-AD/e-SAD download is mandatory. <p>In all cases, when the Excise Officer intends to take in account and reference in his analysis any event and/or control reports that is not available at the Claiming MSA, the download of the e-AD/e-SAD is mandatory.</p> <p>Moreover, if deemed necessary by the Excise officer (at the MSA of Destination or at a third MSA) performing the investigation, that the results of the analysis (IE861: C_RES_DAT) contains Event Report or Control Report references that are not available in the MSA of Destination or in the third MSA application, then the e-AD/e-SAD download must be performed. This ensures that the referenced Event Reports or Control Reports exist and it will enable the MSA of Destination or the third MSA application to validate the existence of the referenced Event Reports or Control Reports. Furthermore, optionally the “General query to retrieve an e-AD/e-SAD” can also be used to retrieve information.</p> |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Previous Objects | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.332: Event Shortages and Excesses have been ascertained for the movement and the Excise Officer decides to register the analysis results

Task Register the analysis results

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Register the analysis results |
| Task Type | User task |
| Description | Excise Officer registers the analysis results on EMCS. |
| Actor | Excise officer |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | C_RES_DAT |
| Output Data | C_RES_DAT |
| Previous Objects | Shortages and Excesses have been ascertained for the movement and the Excise Officer decides to register the analysis results |
| Information Exchange | |
| Requirements | COR_FUR_0069 |
| Data Set | |
| Events | |
| State | |

Table 5.333: Task Register the analysis results

Task Record the analysis results

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Record the analysis results |
| Task Type | Service task |
| Description | Analysis results are recorded on EMCS of the Claiming MSA. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | C_RES_DAT |
| Output Data | C_RES_DAT |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|-------------------------------|
| Previous Objects | Register the analysis results |
| Information Exchange | |
| Requirements | COR_FUR_0070 |
| Data Set | |
| Events | |
| State | |

Table 5.334: Task Record the analysis results

Task Build Basis for Recovery of Duties

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Build Basis for Recovery of Duties |
| Task Type | Service task |
| Description | Considering the analysis results recorded, the EMCS builds the Basis for Recovery of Duties (IE861). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | C_RES_DAT |
| Output Data | C_RES_DAT |
| Previous Objects | Record the analysis results |
| Information Exchange | |
| Requirements | COR_FUR_0073 |
| Data Set | |
| Events | |
| State | |

Table 5.335: Task Build Basis for Recovery of Duties

Task Record Basis for Recovery of Duties

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Record Basis for Recovery of Duties |
| Task Type | Service task |
| Description | The Basis for Recovery of Duties (IE861) is stored. |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|---|--|
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | C_RES_DAT |
| Output Data | C_RES_DAT |
| Previous Objects | Build Basis for Recovery of Duties |
| Information Exchange | |
| Requirements | COR_FUR_0071 |
| Data Set | |
| Events | |
| State | |

Table 5.336: Task Record Basis for Recovery of Duties

Task Identify whether the Claiming MSA is the MSA of Dispatch

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Identify whether the Claiming MSA is the MSA of Dispatch |
| Task Type | Service task |
| Description | The Claiming MSA identifies whether the Claiming MSA is the MSA of Dispatch. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | ARC Member State Code Incredit |
| Output Data | Result Identify whether the Claiming MSA is the MSA of Dispatch |
| Previous Objects | Record Basis for Recovery of Duties |
| Information Exchange | |
| Requirements | COR_FUR_0072 |
| Data Set | |
| Events | |
| State | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.337: Task Identify whether the Claiming MSA is the MSA of Dispatch

Event Basis of Recovery of Duties built at MSA of Dispatch and Analysis Results are available in the MSA of dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Basis of Recovery of Duties built at MSA of Dispatch and Analysis Results are available in the MSA of dispatch |
| Event Type | End event |
| Description | Basis for Recovery of Duties (IE861) has been built at MSA of Dispatch and Analysis Results are available in the MSA of dispatch. The process ends at this point. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Previous Objects | Is the Claiming MSA the MSA of Dispatch? |

Table 5.338: Event Basis of Recovery of Duties built at MSA of Dispatch and Analysis Results are available in the MSA of dispatch

Task Notify MSA of Dispatch of Basis for Recovery of Duties

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify MSA of Dispatch of Basis for Recovery of Duties |
| Task Type | Send task |
| Description | The Requesting MSA notifies the MSA of Dispatch of the Basis for Recovery of Duties (IE861). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | C_RES_DAT |
| Output Data | |
| Previous Objects | Is the Claiming MSA the MSA of Dispatch? |
| Information Exchange | basis for recovery of duties |
| Requirements | COR_FUR_0074 |
| Data Set | |
| Events | |
| State | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.339: Task Notify MSA of Dispatch of Basis for Recovery of Duties

Event Basis for Recovery of Duties sent to MSA of Dispatch

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Basis for Recovery of Duties sent to MSA of Dispatch |
| Event Type | End event |
| Description | Basis for Recovery of Duties (IE861) sent to MSA of Dispatch. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Previous Objects | Notify MSA of Dispatch of Basis for Recovery of Duties |

Table 5.340: Event Basis for Recovery of Duties sent to MSA of Dispatch

Event Basis for Recovery of Duties received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Basis for Recovery of Duties received |
| Event Type | Message start event |
| Description | The MSA of Dispatch received the Basis for Recovery of Duties (IE861) from the Requesting MSA. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Previous Objects | Notify MSA of Dispatch of Basis for Recovery of Duties |

Table 5.341: Event Basis for Recovery of Duties received

Task Perform validation of Basis for Recovery of Duties

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform validation of Basis for Recovery of Duties |
| 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-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | |
| Output Data | |
| Previous Objects | Basis for Recovery of Duties received |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.342: Task Perform validation of Basis for Recovery of Duties

Task Handle validation results of Basis for Recovery of Duties

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Handle validation results of Basis for Recovery of Duties |
| 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-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of Basis for Recovery of Duties |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.343: Task Handle validation results of Basis for Recovery of Duties

Event Refusal message sent to Claiming MSA since Basis for Recovery of Duties found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|--|
| Event Name | Refusal message sent to Claiming MSA since Basis for Recovery of Duties found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE906) was sent to Requesting MSA since the Basis for Recovery of Duties (IE861) had been found invalid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Previous Objects | What is the outcome of the handling of validation results? |
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Table 5.344: Event Refusal message sent to Claiming MSA since Basis for Recovery of Duties found invalid

Event Basis for Recovery of Duties recorded, since found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|---|---|
| Event Name | Basis for Recovery of Duties recorded, since found valid |
| Event Type | End event |
| Description | The Basis for Recovery of Duties (IE861) was recorded since it had been found valid and the process ends at this point. |
| Appears also in the following processes | L4-CORE-AS-IS-01-0X-Provide Information on Intended Claims |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.345: Event Basis for Recovery of Duties recorded, since found valid

5.20. Process L4-CORE-01-24-Issue reminder at expiry of timer for Change of Destination (TIM_CHS)

5.20.1. Objective of Process

The purpose of this process is to describe the process after the timer TIM_CHS expiration for a movement of Excise Goods (inside the territory of the European Union), in accordance with the current Common Specifications (FESS and DDNEA).

The process is triggered when the timer TIM_CHS (the timer that was issued when the delivery of a consignment has been refused or partially refused, or the e-AD/e-SAD has been rejected) has expired at the MSA of Dispatch.

After this, the EMCS at MSA of Dispatch builds a reminder message for Excise movement (IE802) and then records it. Following the EMCS at MSA of Dispatch notifies the Consignor of the reminder message for Excise movement (IE802) and the whole process ends.

5.20.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-24 |
| Full Name | Issue reminder at expiry of timer for Change of Destination (TIM_CHS) |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| | Excise Applications - v3.02 |
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Table 5.346: Process Details

5.20.3. Tasks and Events

Event TIM_CHS expired

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | TIM_CHS expired |
| Event Type | Timer start event |
| Description | The current process starts when the timer TIM_CHS (the timer was issued when the delivery of a consignment has been refused or partially refused, or the e-AD has been rejected) has expired at the MSA of Dispatch. |
| Previous Objects | |

Table 5.347: Event TIM_CHS expired

Task Build Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Build Reminder |
| Task Type | Task |
| Description | The MSA of Dispatch builds a Reminder (IE802). |
| Actor | EMCS |
| Input Data | Sequence Number ARC TIM_CHS Expiry Date |
| Output Data | C_EXC_REM |
| Previous Objects | TIM_CHS expired |
| Information Exchange | |
| Requirements | COR_FUR_0082 |
| Data Set | |
| Events | |
| State | |

Table 5.348: Task Build Reminder

Task Record Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
|---------------------|----------------------|

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| Excise Functional Requirements BPM Report for Core |
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|---|--|
| Task Name | Record Reminder |
| Task Type | Service task |
| Description | The Reminder (IE802) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Change of Destination fields (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | C_EXC_REM |
| Output Data | C_EXC_REM |
| Previous Objects | Build Reminder |
| Information Exchange | |
| Requirements | COR_FUR_0083 |
| Data Set | |
| Events | |
| State | |

Table 5.349: Task Record Reminder

Task Notify Consignor of Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Notify Consignor of Reminder |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the Reminder (IE802). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Change of Destination fields (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | C_EXC_REM |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| | |
| Output Data | |
| Previous Objects | Record Reminder |
| Information Exchange | reminder message for Excise movement |
| Requirements | COR_FUR_0084 |
| Data Set | |
| Events | |
| State | |

Table 5.350: Task Notify Consignor of Reminder

Event Reminder message after expiry of the change of destination timer (TIM_CHS) sent to the Consignor

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Reminder message after expiry of the change of destination timer (TIM_CHS) sent to the Consignor |
| Event Type | End event |
| Description | MSA of Dispatch sent Reminder message to the Consignor and the process ends at this point. |
| Previous Objects | Notify Consignor of Reminder |

Table 5.351: Event Reminder message after expiry of the change of destination timer (TIM_CHS) sent to the Consignor

5.21. Process L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF)

5.21.1. Objective of Process

The purpose of this process is to describe the process after the timer TIM_FDF expiration for 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 the timer TIM_FDF (the timer that was issued upon the submission of an e-AD, and in the case where the destination of the consignment was unknown) has expired at the MSA of Dispatch.

After this, the EMCS at MSA of Dispatch identifies whether the destination fields of the e-AD are still empty.

If the destination fields have been updated and they are not anymore empty, then no reminder is sent to the Consignor and the process ends at this point.

If the destination fields of the e-AD are still empty, the EMCS at MSA of Dispatch builds and records a reminder message for Excise movement (IE802) and notifies the Consignor of the reminder message for Excise movement (IE802).

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| Excise Functional Requirements BPM Report for Core |
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Following, the consignor optionally replies by giving explanations.

- a. In case the consignor does not reply there is no message received from the consignor and the process ends at this point
- b. In case the consignor replies with a Draft Explanation on Delay (IE837), then the process continues.

After the receipt of the Draft Explanation on Delay (IE837), the MSA of Dispatch proceeds with validating the data of the Draft Explanation on Delay, by using the “Perform validation of Draft Explanation on Delay” sub process. Then, the EMCS at MSA of Dispatch proceeds with the handling of the validation results by using the “Handle validation results of Draft Explanation on Delay” call activity. Depending on the outcome (end event) of the “Handle validation results of Draft Explanation on Delay” call activity, the following may happen:

- a. If a refusal message (IE917/IE704) is sent to the Consignor (since the Draft Explanation on Delay was found invalid), the whole process ends at this point;
- b. If the Draft Explanation on Delay (IE837) is found valid, the EMCS at MSA of Dispatch records it and the whole process ends.

5.21.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|--|
| Process ID | L4-CORE-01-25 |
| Full Name | Issue reminder at expiry of timer for Update of Destination fields (TIM_FDF) |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.352: Process Details

5.21.3. Tasks and Events

Event TIM_FDF expired

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|-------------------------------|---|
| Event Name | TIM_FDF expired |
| Event Type | Timer start event |
| Description | The current process starts when the timer TIM_FDF (the timer that was issued at the date of submission of an e-AD where the destinations fields were empty) has expired at the MSA of Dispatch. |
| Appears also in the following | L4-CORE-AS-IS-01-0x-Issue reminder at expiry of time limit for Update |

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| Excise Functional Requirements BPM Report for Core |
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| processes | of destination fields with Explanations on Delay |
| Previous Objects | |

Table 5.353: Event TIM_FDF expired

Task Identify whether the destination fields of the e-AD are still empty

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Identify whether the destination fields of the e-AD are still empty |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the destination fields of the e-AD are still empty. |
| Actor | EMCS |
| Input Data | Sequence Number ARC Destination Type Code |
| Output Data | Result Identify whether the destination fields of the e-AD are still empty |
| Previous Objects | TIM_FDF expired |
| Information Exchange | |
| Requirements | COR_FUR_0003 |
| Data Set | |
| Events | |
| State | |

Table 5.354: Task Identify whether the destination fields of the e-AD are still empty

Task Build Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Build Reminder |
| Task Type | Task |
| Description | The MSA of Dispatch builds a Reminder (IE802). |
| Actor | EMCS |
| Input Data | ARC TIM_FDF Expiry Date Sequence Number |
| Output Data | C_EXC_REM |

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| Excise Functional Requirements BPM Report for Core |
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| Previous Objects | Are the destination fields of the e-AD still empty? |
| Information Exchange | |
| Requirements | COR_FUR_0082 |
| Data Set | |
| Events | |
| State | |

Table 5.355: Task Build Reminder

Event No reminder sent to Consignor

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | No reminder sent to Consignor |
| Event Type | End event |
| Description | Destination fields of the e-AD have been filled in and no reminder is sent to Consignor. The process ends at this point. |
| Previous Objects | Are the destination fields of the e-AD still empty? |

Table 5.356: Event No reminder sent to Consignor

Task Record Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Record Reminder |
| Task Type | Service task |
| Description | The Reminder (IE802) is stored. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export L4-CORE-01-24-Issue reminder at expiry of timer for Change of Destination (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Change of Destination fields (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | C_EXC_REM |
| Output Data | C_EXC_REM |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|----------------|
| Previous Objects | Build Reminder |
| Information Exchange | |
| Requirements | COR_FUR_0083 |
| Data Set | |
| Events | |
| State | |

Table 5.357: Task Record Reminder

Task Notify Consignor of Reminder

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Notify Consignor of Reminder |
| Task Type | Send task |
| Description | The MSA of Dispatch notifies the Consignor of the Reminder (IE802). |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-24-Issue reminder at expiry of timer for Change of Destination (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Change of Destination fields (TIM_CHS) L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | C_EXC_REM |
| Output Data | |
| Previous Objects | Record Reminder |
| Information Exchange | reminder message for Excise movement |
| Requirements | COR_FUR_0084 |
| Data Set | |
| Events | |
| State | |

Table 5.358: Task Notify Consignor of Reminder

Event Draft Explanation on Delay of Consignor received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|-----------------------|
|----------------------|-----------------------|

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|------------------|---|
| Event Name | Draft Explanation on Delay of Consignor received |
| Event Type | Message intermediate event (catch) |
| Description | The MSA of Dispatch received a draft Explanation on Delay (IE837) from the Consignor. |
| Previous Objects | Notify Consignor of Reminder Consignor |

Table 5.359: Event Draft Explanation on Delay of Consignor received

Event No message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | No message received |
| Event Type | Conditional intermediate event |
| Description | The MSA of Dispatch received no message (i.e. no draft Explanation on Delay IE837) from the Consignor. |
| Previous Objects | Notify Consignor of Reminder |

Table 5.360: Event No message received

Task Perform validation of draft Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Perform validation of draft Explanation on Delay |
| Task Type | Subprocess (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-04-Perform validation of External Domain message. |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | |
| Output Data | |
| Previous Objects | Draft Explanation on Delay of Consignor received |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|-------|--|
| State | |
|-------|--|

Table 5.361: Task Perform validation of draft Explanation on Delay

Event No Explanation on Delay received from Consignor

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | No Explanation on Delay received from Consignor |
| Event Type | End event |
| Description | The MSA of Dispatch received no Explanation on Delay (IE837) from the Consignor and the process ends. |
| Previous Objects | No message received |

Table 5.362: Event No Explanation on Delay received from Consignor

Task Handle validation results of draft Explanation on Delay

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Handle validation results of draft Explanation on Delay |
| Task Type | Call activity (collapsed) |
| Description | This task is modeled in a separate process: L4-CORE-01-06-Handle validation Results of External Domain message |
| Actor | EMCS |
| Appears also in the following processes | L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export L4-CORE-AS-IS-01-0x-Issue reminder at expiry of timer for Update of Destination (TIM_FDF) |
| Input Data | |
| Output Data | |
| Previous Objects | Perform validation of draft Explanation on Delay |
| Information Exchange | |
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.363: Task Handle validation results of draft Explanation on Delay

Event Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid |
| Event Type | Conditional intermediate event |
| Description | The Explanation on Delay of the Consignor (IE837) was recorded since the draft Explanation on Delay of the Consignor (IE837) had been found valid and the process continues. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.364: Event Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid

Event Refusal message sent to Consignor since draft Explanation on Delay had been found invalid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Refusal message sent to Consignor since draft Explanation on Delay had been found invalid |
| Event Type | End event |
| Description | A Refusal message (IE917/IE704) was sent to the Consignor since the draft Explanation on Delay (IE837) had been found invalid. |
| Previous Objects | What is the outcome of the handling of validation results? |

Table 5.365: Event Refusal message sent to Consignor since draft Explanation on Delay had been found invalid

Event Explanation on Delay of Consignor recorded

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Explanation on Delay of Consignor recorded |
| Event Type | End event |
| Description | The Explanation on Delay of the Consignor (IE837) was recorded and the process ends. |
| Previous Objects | Explanation on Delay of Consignor recorded since draft Explanation on Delay had been found valid |

Table 5.366: Event Explanation on Delay of Consignor recorded

5.22. Process L4-CORE-Dummy

5.22.1. Objective of Process

5.22.2. Process Details

| PROCESS ATTRIBUTE | PROCESS ATTRIBUTE VALUE |
|-------------------|-------------------------|
|-------------------|-------------------------|

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| NAME | |
|-------------------------|---|
| Process ID | |
| Full Name | |
| Assumptions | No assumptions. |
| Constraints | No constraints. |
| L3 Reference Models | |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.367: Process Details

5.22.3. Tasks and Events

Event Dummy Start event

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|-----------------------|
| Event Name | Dummy Start event |
| Event Type | Start event |
| Description | |
| Previous Objects | |

Table 5.368: Event Dummy Start event

Task Dummy Task2

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Dummy Task2 |
| Task Type | Task |
| Description | |
| Actor | Dummy pool |
| Input Data | |
| Output Data | |
| Previous Objects | Dummy Start event |
| Information Exchange | business process unavailability notification of accepted export Customs rejection of e-AD common system parameters common list of codes Data Packaging Data Packaging |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|--------------|--|
| Requirements | |
| Data Set | |
| Events | |
| State | |

Table 5.369: Task Dummy Task2

Event Dummy End event

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|-----------------------|
| Event Name | Dummy End event |
| Event Type | End event |
| Description | |
| Previous Objects | Dummy Task2 |

Table 5.370: Event Dummy End event

5.23. Process L4-CORE-01-03-Perform validation of Common Domain message

5.23.1. Objective of Process

The purpose of this sub process is to describe all possible steps during the validation of a Common Domain message, in accordance with the current Common Specifications (DDNEA).

The current sub process is triggered when a Common Domain message is received. After the Common Domain message is received, a Syntactic validation of this message is performed:

- In case the message is found invalid due to Syntactic violation(s), the sub process ends here;
- In case the message is found valid, the sub process continues.

Then, Coordination Protocol validation of the message is performed:

- In case the message is found invalid due to Coordination Protocol violation(s), the sub process ends at this point;
- In case the message is found valid, the sub process also ends.

5.23.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|---|
| Process ID | L4-CORE-01-03 |
| Full Name | Perform validation of Common Domain message |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | N/A |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|-------------------------|---|
| Existing Specifications | Design Document for National Excise Applications - v3.02 |
|-------------------------|---|

Table 5.371: Process Details

5.23.3. Tasks and Events

Event Common Domain message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Common Domain message received |
| Event Type | Start event |
| Description | The current process starts when a Common Domain message is received. |
| Previous Objects | |

Table 5.372: Event Common Domain message received

Task Perform Syntactic validation of Common Domain message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform Syntactic validation of Common Domain message |
| Task Type | Service task |
| Description | <p>The following validations are defined as the Syntactic layer validations and when any of the aforementioned validations fails for a given Common Domain XML message, then that message is defined as syntactically invalid:</p> <ul style="list-style-type: none"> • After the reception of a Common Domain XML message and before the message is further processed the receiver validates the size of the received message (defined in DDNEA and TESS), in order to avoid unresponsiveness or abrupt failure of the receiving application; • In the case that the received message is within the acceptable size limit, the receiver validates that its content conforms to the XML standard (defined in DDNEA) and that it is UTF-8 encoded; • Then, the receiver validates the structure of the received Common Domain XML message against the corresponding XSD defined in Appendix H of DDNEA. <p>Also, it shall be noted that it is the responsibility of the application (sending message exchanges over the Common Domain) to conform to the Data Item conventions and the Character Sets defined in DDNEA.</p> |
| Actor | |
| Input Data | |
| Output Data | Result Identify if the Common Domain message is syntactically valid |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|--|
| | |
| Previous Objects | Common Domain message received |
| Information Exchange | basis for recovery of duties event report list of e-AD/e-SAD as result of a general query administrative cooperation results alert or rejection of an e-AD/e-SAD reminder message for Excise movement notification of diverted e-AD/e-SAD Report of Receipt/Export answer message movement verification answer interruption of movement e-AD/e-SAD cancellation of an e-AD movement download answer movement verification request control report reminder message for movement verification request change of destination movement download request common request history of a movement explanation on reason for shortage movement verification results administrative cooperation common request reminder message for administrative cooperation refusal of common request |
| Requirements | COR_FUR_0085 |
| Data Set | |
| Events | |
| State | |

Table 5.373: Task Perform Syntactic validation of Common Domain message

Task Perform Coordination Protocol validation of Common Domain message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Perform Coordination Protocol validation of Common Domain message |
| Task Type | Service task |
| Description | <p>A number of validations relating to the coordination protocol should be performed in order to facilitate the exception handling in the Common Domain.</p> <p>The errors resulting from the coordination protocol validations can be the</p> |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|---|
| | <p>following:</p> <ul style="list-style-type: none"> • 26 - Duplicate detected: The same interchange is received again. Duplication is detected by reception of an interchange reference that has already been received; • 93 - Invalid ARC: The structure of the ARC (Administrative Reference Code) does not conform to specifications given in rule R030 (Note: It should be noted that this error does not concern the format of the ARC, since this is covered by the syntactic layer validations through specialised regular expression patterns in the XSD files. The error code 93 concern the validation of the second field (MS Identifier) of the ARC, in order to ensure that it is a valid code of the Member States codelist); • 90 - Unknown ARC: The ARC (Administrative Reference Code) of the received message is not known, whereas it is expected to be known; • 92 - Message out of sequence: The message cannot be processed, because the receiver is not in a proper state; • 94 - Invalid Follow Up Correlation ID / MV Correlation ID: The structure of the Follow Up Correlation ID or MV Correlation ID does not conform to specifications given in rule R083; • 95 - Unknown Follow Up Correlation ID / MV Correlation ID - The Follow Up Correlation ID or MV Correlation ID of the received message is not known, whereas it is expected to be known. |
| Actor | |
| Input Data | |
| Output Data | Result Identify if the Common Domain message passed Coordination Protocol validation successfully |
| Previous Objects | Has the Common Domain message passed Syntactic validation successfully? |
| Information Exchange | <p>explanation on reason for shortage notification of diverted e-AD/e-SAD control report interruption of movement alert or rejection of an e-AD/e-SAD cancellation of an e-AD refusal of common request history of a movement movement verification results Report of Receipt/Export list of e-AD/e-SAD as result of a general query</p> |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|--------------|---|
| | change of destination answer message reminder message for movement verification request administrative cooperation results movement verification answer movement download answer event report common request reminder message for administrative cooperation movement download request basis for recovery of duties movement verification request e-AD/e-SAD administrative cooperation common request reminder message for Excise movement |
| Requirements | COR_FUR_0086 |
| Data Set | |
| Events | |
| State | |

Table 5.374: Task Perform Coordination Protocol validation of Common Domain message

Event Common Domain message found invalid due to Syntatic violation(s)

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Common Domain message found invalid due to Syntatic violation(s) |
| Event Type | End event |
| Description | he Common Domain message was found invalid due to Syntatic violation(s) and the process ends. |
| Previous Objects | Has the Common Domain message passed Syntactic validation successfully? |

Table 5.375: Event Common Domain message found invalid due to Syntatic violation(s)

Event Common Domain message found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Common Domain message found valid |
| Event Type | End event |
| Description | The Common Domain message was found valid and the process ends. |
| Previous Objects | Has the Common Domain message passed Coordination Protocol validation successfully? |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.376: Event Common Domain message found valid

Event Common Domain message found invalid due to Coordination Protocol violation(s)

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Common Domain message found invalid due to Coordination Protocol violation(s) |
| Event Type | End event |
| Description | The Common Domain message was found invalid due to Coordination Protocol violation(s) and the process ends. |
| Previous Objects | Has the Common Domain message passed Coordination Protocol validation successfully? |

Table 5.377: Event Common Domain message found invalid due to Coordination Protocol violation(s)

5.24. Process L4-CORE-01-04-Perform validation of External Domain message

5.24.1. Objective of Process

The purpose of this sub process is to describe all possible steps during the validation of an External Domain message, in accordance with the current Common Specifications (DDNEA).

The current sub process is triggered when an External Domain message is received. After the External Domain message is received, a Syntactic validation of this message is performed:

- In case the message is found invalid due to Syntactic violation(s), the sub process ends here;
- In case the message is found valid, the sub process continues.

Then, Coordination Protocol validation of the message is performed:

- In case the message is found invalid due to Coordination Protocol violation(s), the sub process ends at this point;
- In case the message is found valid, the sub process continues.

Following, Business Compliance validation of the message is performed:

- In case the message is found invalid due to Business Compliance violation(s), the sub process ends;
- In case the message is found valid, the sub process also ends.

5.24.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|---|
| Process ID | L4-CORE-01-04 |
| Full Name | Perform validations on External Domain messages |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | L3-CORE-01-01-Submit and Register an e-AD |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|-------------------------|---|
| | L3-CORE-01-02-Perform Report of Receipt/Export L3-CORE-01-04-Perform Cancellation L3-CORE-01-05-Perform Splitting of Consignment L3-CORE-01-06-Perform Change of Destination L3-CORE-01-12-Manage Explanations on Reasons for Shortages or Excesses |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.378: Process Details

5.24.3. Tasks and Events

Event External Domain message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | External Domain message received |
| Event Type | Start event |
| Description | The current process starts when an External Message is received. |
| Previous Objects | |

Table 5.379: Event External Domain message received

Task Perform Syntactic validation of External Domain message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform Syntactic validation of External Domain message |
| Task Type | Service task |
| Description | <p>The following validations are defined as the Syntactic layer validations and when any of the aforementioned validations fails for a given External Domain XML message, then that message is defined as syntactically invalid:</p> <ul style="list-style-type: none"> • After the reception of an External Domain XML message and before the message is further processed, the application validates the size of the received message (defined in DDNEA and TESS), in order to avoid unresponsiveness or abrupt failure of the receiving application; • In the case that the External Domain message is within the acceptable size limit, the application validates that its content conforms to the XML standard (defined in DDNEA) and that it is UTF-8 encoded; • Then, the application validates the structure of the received External Domain XML message against the corresponding XSD defined in Appendix H of DDNEA. |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|---|
| Actor | |
| Input Data | |
| Output Data | Result Identify if the External Domain message is syntactically valid |
| Previous Objects | External Domain message received |
| Information Exchange | submitted draft of e-AD/e-SAD alert or rejection of an e-AD/e-SAD Draft Explanation on Delay for Delivery cancellation of an e-AD submitted draft of splitting operation Draft Report of Receipt Draft Change of Destination explanation on reason for shortage Draft Explanation on Delay for Delivery |
| Requirements | COR_FUR_0106 |
| Data Set | |
| Events | |
| State | |

Table 5.380: Task Perform Syntactic validation of External Domain message

Event External Domain message found invalid due to Syntactic violation(s)

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | External Domain message found invalid due to Syntactic violation(s) |
| Event Type | End event |
| Description | The External Domain message was found invalid due to Syntactic violation(s) and the process ends. |
| Previous Objects | Has the External Domain message passed Syntactic validation successfully? |

Table 5.381: Event External Domain message found invalid due to Syntactic violation(s)

Task Perform Coordination Protocol validation of External Domain message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform Coordination Protocol validation of External Domain message |
| Task Type | Service task |
| Description | A number of validations relating to the coordination protocol should be performed in the External Domain, in order to facilitate the exception handling in the Common Domain. |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|---|
| | <p>The errors resulting from the coordination protocol validations performed in the External Domain can be the following:</p> <ul style="list-style-type: none"> • 91 - Duplicate LRN: The LRN of the received message is already known and is therefore not unique according to the specified rules; • 26 - Duplicate detected: The same interchange is received again. Duplication is detected by reception of an interchange reference that has already been received. |
| Actor | |
| Input Data | |
| Output Data | Result Identify if the External Domain message passed Coordination Protocol validation successfully |
| Previous Objects | Has the External Domain message passed Syntactic validation successfully? |
| Information Exchange | <p>Draft Report of Receipt submitted draft of splitting operation cancellation of an e-AD Draft Explanation on Delay for Delivery submitted draft of e-AD/e-SAD alert or rejection of an e-AD/e-SAD Draft Change of Destination Draft Explanation on Delay for Delivery explanation on reason for shortage</p> |
| Requirements | COR_FUR_0107 |
| Data Set | |
| Events | |
| State | |

Table 5.382: Task Perform Coordination Protocol validation of External Domain message

Task Perform Business Compliance validation of External Domain message

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Perform Business Compliance validation of External Domain message |
| Task Type | Service task |
| Description | A number of validations relating to the business compliance should be performed in the External Domain, in order to facilitate the exception handling in the Common Domain. |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|--|
| | <p>The errors resulting from the business compliance validations in the External Domain can be the following:</p> <ul style="list-style-type: none"> • 0 – Other: This value should be used only when the error does not correspond to any of the following values. It must be stressed that the value of zero should only be used for intra-release migration issues; • 12 - Incorrect (code) value: Value of an element in a message is outside the applicable business codelist; • 15 - Not supported in this position: The element or value is not allowed according to the applicable Rule(s) or Condition(s). |
| Actor | |
| Input Data | <p>Result Identify if the External Domain message is syntactically valid</p> <p>Result Identify if the External Domain message passed Coordination Protocol validation successfully</p> |
| Output Data | <p>Result Identify if the External Domain message passed Business Compliance validation successfully</p> |
| Previous Objects | <p>Has the External Domain message passed Coordination Protocol validation successfully?</p> |
| Information Exchange | <p>submitted draft of splitting operation</p> <p>cancellation of an e-AD</p> <p>alert or rejection of an e-AD/e-SAD</p> <p>Draft Change of Destination</p> <p>Draft Explanation on Delay for Delivery</p> <p>Draft Explanation on Delay for Delivery</p> <p>explanation on reason for shortage</p> <p>Draft Report of Receipt</p> <p>submitted draft of e-AD/e-SAD</p> |
| Requirements | COR_FUR_0108 |
| Data Set | |
| Events | |
| State | |

Table 5.383: Task Perform Business Compliance validation of External Domain message

Event External Domain message found invalid due to Coordination Protocol violation(s)

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | External Domain message found invalid due to Coordination Protocol |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|------------------|---|
| | violation(s) |
| Event Type | End event |
| Description | The External Domain message was found invalid due to Coordination Protocol violation(s) and the process ends. |
| Previous Objects | Has the External Domain message passed Coordination Protocol validation successfully? |

Table 5.384: Event External Domain message found invalid due to Coordination Protocol violation(s)

Event External Domain message found invalid due to Business Compliance violation(s)

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | External Domain message found invalid due to Business Compliance violation(s) |
| Event Type | End event |
| Description | The External Domain message was found invalid due to Business Compliance violation(s) and the process ends. |
| Previous Objects | Has the External Domain message passed Business Compliance validation successfully? |

Table 5.385: Event External Domain message found invalid due to Business Compliance violation(s)

Event External Domain message found valid

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | External Domain message found valid |
| Event Type | End event |
| Description | The External Domain message was found valid and the process ends. |
| Previous Objects | Has the External Domain message passed Business Compliance validation successfully? |

Table 5.386: Event External Domain message found valid

5.25. Process L4-CORE-01-11-Handle Timers associated with a Cancellation of an e-AD

5.25.1. Objective of Process

The purpose of this process is to describe all possible paths for handling the timers associated with a cancellation of an e-AD by the consignor.

The current process is triggered when a cancellation of an e-AD is received at the MSA of Dispatch (i.e. a cancellation of an e-AD is received at the MSA of Dispatch from the consignor) and the timers associated with the cancelled movement need to be handled.

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

For this purpose, the EMCS at MSA of Dispatch identifies if any timers associated with the cancelled movement are still running or have already expired.

In case the timer TIM_EAD_ESAD associated with the cancelled movement is still running, the EMCS at the MSA of Dispatch stops it. If the timer has already expired, the EMCS at the MSA of Dispatch resets the flag of the timer TIM_EAD_ESAD that has been raised locally.

In case the timer TIM_CHS for change of destination is still running, the MSA of Dispatch stops it as well.

Moreover, if the timer TIM_FDF for filling in the destination fields associated with the cancelled movement is still running, the EMCS at the MSA of Dispatch stops it and the whole process ends at this point.

5.25.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-11 |
| Full Name | Handle Timers associated with a Cancellation of an e-AD |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.387: Process Details

5.25.3. Tasks and Events

Event Cancellation of an e-AD received and the relevant Timers need to be updated accordingly

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Cancellation of an e-AD received and the relevant Timers need to be updated accordingly |
| Event Type | Start event |
| Description | The current process is triggered when a Cancellation of an e-AD is received by the MSA of Dispatch and the relevant timers need to be handled. |
| Previous Objects | |

Table 5.388: Event Cancellation of an e-AD received and the relevant Timers need to be updated accordingly

Task Identify whether the timer TIM_EAD_ESAD is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Identify whether the timer TIM_EAD_ESAD is still running |

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| Excise Functional Requirements BPM Report for Core |
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|----------------------|---|
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_EAD_ESAD is still running. |
| Actor | |
| Input Data | ARC Timer TIM_EAD_ESAD Expiry Date |
| Output Data | Result Identify whether the TIM_EAD_ESAD is still running |
| Previous Objects | Cancellation of an e-AD received and the relevant Timers need to be updated accordingly |
| Information Exchange | |
| Requirements | COR_FUR_0035 |
| Data Set | |
| Events | |
| State | |

Table 5.389: Task Identify whether the timer TIM_EAD_ESAD is still running

Task Reset the flag of timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Reset the flag of timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | ARC Sequence Number Result Identify whether the TIM_EAD_ESAD is still running |
| Output Data | TIM_EAD_ESAD Reset Flag Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0022 |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.390: Task Reset the flag of timer TIM_EAD_ESAD

Task Stop timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Stop timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD is still running, the MSA of Dispatch stops this timer (that was to expire at the expected end of the movement). |
| Actor | |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | Result Identify whether the TIM_EAD_ESAD is still running ARC Sequence Number |
| Output Data | TIM_EAD_ESAD End Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0021 |
| Data Set | |
| Events | |
| State | |

Table 5.391: Task Stop timer TIM_EAD_ESAD

Task Identify whether the timer TIM_CHS is still running in case of Cancellation

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Identify whether the timer TIM_CHS is still running in case of Cancellation |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_CHS is still running in case of Cancellation. |
| Actor | |
| Input Data | TIM_CHS Expiry Date |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|---|
| | ARC |
| Output Data | Result Identify whether the timer TIM_CHS is still running |
| Previous Objects | Stop timer TIM_EAD_ESAD Reset the flag of timer TIM_EAD_ESAD |
| Information Exchange | |
| Requirements | COR_FUR_0059 |
| Data Set | |
| Events | |
| State | |

Table 5.392: Task Identify whether the timer TIM_CHS is still running in case of Cancelation

Task Stop timer TIM_CHS in case of Cancelation

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Stop timer TIM_CHS in case of Cancelation |
| Task Type | Service task |
| Description | If the timer TIM_CHS is still running in case of Cancelation, the MSA of Dispatch stops this timer. |
| Actor | |
| Input Data | Result Identify whether the timer TIM_CHS is still running ARC |
| Output Data | TIM_CHS End Date |
| Previous Objects | Is timer TIM_CHS still running? |
| Information Exchange | |
| Requirements | COR_FUR_0061 |
| Data Set | |
| Events | |
| State | |

Table 5.393: Task Stop timer TIM_CHS in case of Cancelation

Task Identify whether the timer TIM_FDF is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|----------------------|
|---------------------|----------------------|

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|--|
| Task Name | Identify whether the timer TIM_FDF is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_FDF is still running. |
| Actor | |
| Input Data | ARC TIM_FDF Expiry Date |
| Output Data | Result Identify whether the TIM_FDF is still running |
| Previous Objects | Stop timer TIM_CHS in case of Cancelation Is timer TIM_CHS still running? |
| Information Exchange | |
| Requirements | COR_FUR_0034 |
| Data Set | |
| Events | |
| State | |

Table 5.394: Task Identify whether the timer TIM_FDF is still running

Task Stop timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Stop timer TIM_FDF |
| Task Type | Service task |
| Description | If the timer TIM_FDF is still running, the MSA of Dispatch stops this timer. |
| Actor | |
| Input Data | Result Identify whether the TIM_FDF is still running ARC |
| Output Data | TIM_FDF End Date |
| Previous Objects | Is timer TIM_FDF still running? |
| Information Exchange | |
| Requirements | COR_FUR_0036 |
| Data Set | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Events | |
| State | |

Table 5.395: Task Stop timer TIM_FDF

Event Timers updated upon Cancellation of an e-AD received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Timers updated upon Cancellation of an e-AD received |
| Event Type | End event |
| Description | The timers updated upon Cancellation of an e-AD message received. |
| Previous Objects | Is timer TIM_FDF still running? Stop timer TIM_FDF |

Table 5.396: Event Timers updated upon Cancellation of an e-AD received

5.26. Process L4-CORE-01-17-Handle Timers associated with a Change of Destination

5.26.1. Objective of Process

The purpose of this process is to describe all possible paths for handling the timers associated with the change of destination of a movement of Excise Goods.

The current process is triggered when a change of destination is received at the MSA of Dispatch (i.e. a change of destination is received at the MSA of Dispatch from the consignor) and the timers associated with the updated movement need to be handled.

For this purpose, the EMCS at MSA of Dispatch identifies if any timers associated with the updated e-AD/e-SAD are still running or have already expired.

Actually, the MSA of Dispatch identifies if the update included change of the journey time.

If yes, then the MSA Dispatch application:

- if the expected end of the movement is still in the future, i.e. the timer (TIM_EAD_ESAD) initially set to expire at limit date for submission of the report of receipt has not expired yet, updates that timer (TIM_EAD_ESAD) to expire by the new expected end date

- if the expected end of the movement is in the past, i.e. the timer (TIM_EAD_ESAD) initially set to expire at limit date for submission of the report of receipt has already expired but the new date of delivery is later than the present date, first resets the flag that has been raised locally at expiration time and then restarts the timer (TIM_EAD_ESAD) to expire at the new expected end date.

Moreover, the MSA dispatch application identifies if the timer (TIM_CHS) for change of destination and the timer (TIM_FDF) for filling in destination fields (i.e. applicable only for Duty Suspension movements) have already expired at the limit date.

- if the timer (TIM_CHS) for change of destination has already expired at the limit date, resets the flag that has been raised locally at expiration time

- if the timer (TIM_CHS) for change of destination is still running, stops it

- if the timer (TIM_FDF) for filling in destination fields has already expired at the limit date, resets the flag that has been raised locally at expiration time

- if there is a timer (TIM_FDF) for filling in destination fields still running, stops it and the whole process ends here.

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

5.26.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|-------------------------|---|
| Process ID | L4-CORE-01-27 |
| Full Name | Handle Timers associated with a Change of Destination |
| Assumptions | N/A |
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.397: Process Details

5.26.3. Tasks and Events

Task Identify whether the journey time is updated

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Identify whether the journey time is updated |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the journey time has been updated. |
| Actor | |
| Input Data | Sequence Number ARC Journey Time |
| Output Data | Result Identify whether the journey time is updated |
| Previous Objects | Change of Destination received and timers need to be updated accordingly |
| Information Exchange | |
| Requirements | COR_FUR_0056 |
| Data Set | |
| Events | |
| State | |

Table 5.398: Task Identify whether the journey time is updated

Event Change of Destination received and timers need to be updated accordingly

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| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Change of Destination received and timers need to be updated accordingly |
| Event Type | Start event |
| Description | The current process is triggered when a Change of Destination message (IE813) is received by the MSA of Dispatch and the relevant timers need to be handled. |
| Previous Objects | |

Table 5.399: Event Change of Destination received and timers need to be updated accordingly

Task Identify whether the timer TIM_EAD_ESAD is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Identify whether the timer TIM_EAD_ESAD is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_EAD_ESAD is still running. |
| Actor | |
| Input Data | ARC Timer TIM_EAD_ESAD Expiry Date Result Identify whether the journey time is updated Sequence Number |
| Output Data | Result Identify whether the TIM_EAD_ESAD is still running |
| Previous Objects | Does the Change of Destination include journey time updates? |
| Information Exchange | |
| Requirements | COR_FUR_0035 |
| Data Set | |
| Events | |
| State | |

Table 5.400: Task Identify whether the timer TIM_EAD_ESAD is still running

Task Reset the flag of timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Reset the flag of timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|---|---|
| Actor | |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | Result Identify whether the TIM_EAD_ESAD is still running ARC Sequence Number |
| Output Data | TIM_EAD_ESAD Reset Flag Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0022 |
| Data Set | |
| Events | |
| State | |

Table 5.401: Task Reset the flag of timer TIM_EAD_ESAD

Task Perform update of the timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Perform update of the timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | MSA of Dispatch updates the timer TIM_EAD_ESAD to expire by the new expected end date. |
| Actor | |
| Input Data | ARC Sequence Number Result Identify whether the TIM_EAD_ESAD is still running |
| Output Data | Timer TIM_EAD_ESAD Expiry Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0057 |
| Data Set | |
| Events | |
| State | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.402: Task Perform update of the timer TIM_EAD_ESAD

Task Perform restart of the timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Perform restart of the timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | MSA of Dispatch restarts the timer TIM_EAD_ESAD to expire at the new expected end date. |
| Actor | |
| Input Data | Sequence Number Result Identify whether the TIM_EAD_ESAD is still running ARC |
| Output Data | Timer TIM_EAD_ESAD Expiry Date |
| Previous Objects | Reset the flag of timer TIM_EAD_ESAD |
| Information Exchange | |
| Requirements | COR_FUR_0058 |
| Data Set | |
| Events | |
| State | |

Table 5.403: Task Perform restart of the timer TIM_EAD_ESAD

Task Identify whether the timer TIM_CHS is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Identify whether the timer TIM_CHS is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_CHS is still running. |
| Actor | |
| Input Data | ARC Sequence Number TIM_CHS Expiry Date |
| Output Data | Result Identify whether the timer TIM_CHS is still running |
| Previous Objects | Perform update of the timer TIM_EAD_ESAD Perform restart of the timer TIM_EAD_ESAD |

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| | Does the Change of Destination include journey time updates? |
| Information Exchange | |
| Requirements | COR_FUR_0059 |
| Data Set | |
| Events | |
| State | |

Table 5.404: Task Identify whether the timer TIM_CHS is still running

Task Reset the flag of timer TIM_CHS

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Reset the flag of timer TIM_CHS |
| Task Type | Service task |
| Description | If the timer TIM_CHS has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | |
| Input Data | ARC Sequence Number Result Identify whether the timer TIM_CHS is still running |
| Output Data | TIM_CHS Reset Flag Date |
| Previous Objects | Is timer TIM_CHS still running? |
| Information Exchange | |
| Requirements | COR_FUR_0060 |
| Data Set | |
| Events | |
| State | |

Table 5.405: Task Reset the flag of timer TIM_CHS

Task Stop timer TIM_CHS

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|---|
| Task Name | Stop timer TIM_CHS |
| Task Type | Service task |
| Description | If the timer TIM_CHS is still running, the MSA of Dispatch stops this |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

| | |
|----------------------|--|
| | timer. |
| Actor | |
| Input Data | Sequence Number ARC Result Identify whether the timer TIM_CHS is still running |
| Output Data | TIM_CHS End Date |
| Previous Objects | Is timer TIM_CHS still running? |
| Information Exchange | |
| Requirements | COR_FUR_0061 |
| Data Set | |
| Events | |
| State | |

Table 5.406: Task Stop timer TIM_CHS

Task Identify whether the timer TIM_FDF is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Identify whether the timer TIM_FDF is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_FDF is still running. |
| Actor | |
| Input Data | ARC TIM_FDF Expiry Date Sequence Number |
| Output Data | Result Identify whether the TIM_FDF is still running |
| Previous Objects | Stop timer TIM_CHS Reset the flag of timer TIM_CHS |
| Information Exchange | |
| Requirements | COR_FUR_0034 |
| Data Set | |
| Events | |
| State | |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

Table 5.407: Task Identify whether the timer TIM_FDF is still running

Task Reset of the flag of timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Reset of the flag of timer TIM_FDF |
| Task Type | Task |
| Description | If the timer TIM_FDF has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | |
| Input Data | ARC Result Identify whether the TIM_FDF is still running Sequence Number |
| Output Data | TIM_FDF Reset Flag Date |
| Previous Objects | Is timer TIM_FDF still running? |
| Information Exchange | |
| Requirements | COR_FUR_0123 |
| Data Set | |
| Events | |
| State | |

Table 5.408: Task Reset of the flag of timer TIM_FDF

Task Stop timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Stop timer TIM_FDF |
| Task Type | Service task |
| Description | If the timer TIM_FDF is still running, the MSA of Dispatch stops this timer. |
| Actor | |
| Input Data | Result Identify whether the TIM_FDF is still running Sequence Number ARC |
| Output Data | TIM_FDF End Date |
| Previous Objects | Is timer TIM_FDF still running? |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|--------------|
| | |
| Information Exchange | |
| Requirements | COR_FUR_0036 |
| Data Set | |
| Events | |
| State | |

Table 5.409: Task Stop timer TIM_FDF

Event Timers updated upon Change of Destination message received

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|--|
| Event Name | Timers updated upon Change of Destination message received |
| Event Type | End event |
| Description | The timers updated upon Change of Destination message (IE813) received and new e-AD/e-SAD was generated. |
| Previous Objects | Stop timer TIM_FDF Reset of the flag of timer TIM_FDF |

Table 5.410: Event Timers updated upon Change of Destination message received

5.27. Process L4-CORE-01-22-Handle Timers associated with Splitting Operation

5.27.1. Objective of Process

The purpose of this process is to describe all possible paths for handling the timers associated with the splitting of a Consignment of energy products moved under suspension of Excise Duty.

The current process is triggered when a submitted draft of splitting operation is received at the MSA of Dispatch (i.e. a submitted draft of splitting operation is received at the MSA of Dispatch from the consignor) and the timers associated with the split movement (initial e-AD) need to be handled.

For this purpose, the EMCS at MSA of Dispatch identifies whether the timers (TIM_EAD_ESAD) for the expected end of the movement, (TIM_CHS) for change of destination and (TIM_FDF) for filling in destination fields have already expired at the limit date.

For each timer that has already expired, the EMCS at MSA of Dispatch resets its flag that has been raised locally at expiration time. Otherwise, if the timers are still running, the EMCS at MSA of Dispatch stops them and the whole process ends.

5.27.2. Process Details

| PROCESS ATTRIBUTE NAME | PROCESS ATTRIBUTE VALUE |
|------------------------|---|
| Process ID | L4-CORE-01-22 |
| Full Name | Handle Timers associated with Splitting Operation |
| Assumptions | N/A |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|-------------------------|---|
| Constraints | No constraints. |
| L3 Reference Models | N/A |
| Existing Specifications | Design Document for National Excise Applications - v3.02 |

Table 5.411: Process Details

5.27.3. Tasks and Events

Task Identify whether the timer TIM_EAD_ESAD associated with the initial e-AD is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|---|
| Task Name | Identify whether the timer TIM_EAD_ESAD associated with the initial e-AD is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_EAD_ESAD associated with the former e-AD is still running. |
| Actor | |
| Input Data | Upstream ARC Timer TIM_EAD_ESAD Expiry Date |
| Output Data | Result Identify whether the TIM_EAD_ESAD is still running |
| Previous Objects | Submitted Draft of Splitting Operation received and timers need to be updated accordingly |
| Information Exchange | |
| Requirements | COR_FUR_0035 |
| Data Set | |
| Events | |
| State | |

Table 5.412: Task Identify whether the timer TIM_EAD_ESAD associated with the initial e-AD is still running

Event Submitted Draft of Splitting Operation received and timers need to be updated accordingly

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Submitted Draft of Splitting Operation received and timers need to be updated accordingly |
| Event Type | Start event |
| Description | The current process is triggered when a Submitted Draft of Splitting Operation message (IE825) is received by the MSA of Dispatch and the |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| | relevant timers need to be handled. |
| Previous Objects | |

Table 5.413: Event Submitted Draft of Splitting Operation received and timers need to be updated accordingly

Task Reset the flag of timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|---|
| Task Name | Reset the flag of timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |
| Input Data | ARC Sequence Number Result Identify whether the TIM_EAD_ESAD is still running |
| Output Data | TIM_EAD_ESAD Reset Flag Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0022 |
| Data Set | |
| Events | |
| State | |

Table 5.414: Task Reset the flag of timer TIM_EAD_ESAD

Task Stop timer TIM_EAD_ESAD

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---|--|
| Task Name | Stop timer TIM_EAD_ESAD |
| Task Type | Service task |
| Description | If the timer TIM_EAD_ESAD is still running, the MSA of Dispatch stops this timer (that was to expire at the expected end of the movement). |
| Actor | |
| Appears also in the following processes | L4-CORE-01-02-Perform Report of Receipt/Export |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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|----------------------|---|
| Input Data | Result Identify whether the TIM_EAD_ESAD is still running ARC Sequence Number |
| Output Data | TIM_EAD_ESAD End Date |
| Previous Objects | Is timer TIM_EAD_ESAD still running? |
| Information Exchange | |
| Requirements | COR_FUR_0021 |
| Data Set | |
| Events | |
| State | |

Table 5.415: Task Stop timer TIM_EAD_ESAD

Task Identify whether the timer TIM_CHS associated with the initial e-AD is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Identify whether the timer TIM_CHS associated with the initial e-AD is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_CHS associated with the former e-AD is still running. |
| Actor | |
| Input Data | TIM_CHS Expiry Date Upstream ARC |
| Output Data | Result Identify whether the timer TIM_CHS is still running |
| Previous Objects | Reset the flag of timer TIM_EAD_ESAD Stop timer TIM_EAD_ESAD |
| Information Exchange | |
| Requirements | COR_FUR_0059 |
| Data Set | |
| Events | |
| State | |

Table 5.416: Task Identify whether the timer TIM_CHS associated with the initial e-AD is still running

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| Excise Functional Requirements BPM Report for Core |
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Task Reset the flag of timer TIM_CHS

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Reset the flag of timer TIM_CHS |
| Task Type | Service task |
| Description | If the timer TIM_CHS has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | |
| Input Data | Upstream ARC Result Identify whether the timer TIM_CHS is still running |
| Output Data | TIM_CHS Reset Flag Date |
| Previous Objects | Is timer TIM_CHS still running? |
| Information Exchange | |
| Requirements | COR_FUR_0060 |
| Data Set | |
| Events | |
| State | |

Table 5.417: Task Reset the flag of timer TIM_CHS

Task Stop timer TIM_CHS

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Stop timer TIM_CHS |
| Task Type | Service task |
| Description | If the timer TIM_CHS is still running, the MSA of Dispatch stops this timer. |
| Actor | |
| Input Data | Result Identify whether the timer TIM_CHS is still running Upstream ARC |
| Output Data | TIM_CHS End Date |
| Previous Objects | Is timer TIM_CHS still running? |
| Information Exchange | |
| Requirements | COR_FUR_0061 |

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| Excise Functional Requirements BPM Report for Core |
| PROCESS MODELS |

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| Data Set | |
| Events | |
| State | |

Table 5.418: Task Stop timer TIM_CHS

Task Identify whether the timer TIM_FDF associated with the initial e-AD is still running

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Identify whether the timer TIM_FDF associated with the initial e-AD is still running |
| Task Type | Service task |
| Description | The MSA of Dispatch identifies whether the timer TIM_FDF associated with the former e-AD is still running. |
| Actor | |
| Input Data | TIM_FDF Expiry Date Upstream ARC |
| Output Data | Result Identify whether the TIM_FDF is still running |
| Previous Objects | Stop timer TIM_CHS Reset the flag of timer TIM_CHS |
| Information Exchange | |
| Requirements | COR_FUR_0034 |
| Data Set | |
| Events | |
| State | |

Table 5.419: Task Identify whether the timer TIM_FDF associated with the initial e-AD is still running

Task Reset of the flag of timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|---------------------|--|
| Task Name | Reset of the flag of timer TIM_FDF |
| Task Type | Task |
| Description | If the timer TIM_FDF has already expired, the MSA of Dispatch resets the flag that has been raised locally (at expiration time). |
| Actor | |
| Input Data | Upstream ARC Result Identify whether the TIM_FDF is still running |

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|----------------------|---------------------------------|
| Output Data | TIM_FDF Reset Flag Date |
| Previous Objects | Is timer TIM_FDF still running? |
| Information Exchange | |
| Requirements | COR_FUR_0123 |
| Data Set | |
| Events | |
| State | |

Table 5.420: Task Reset of the flag of timer TIM_FDF

Task Stop timer TIM_FDF

| TASK ATTRIBUTE NAME | TASK ATTRIBUTE VALUE |
|----------------------|--|
| Task Name | Stop timer TIM_FDF |
| Task Type | Service task |
| Description | If the timer TIM_FDF is still running, the MSA of Dispatch stops this timer. |
| Actor | |
| Input Data | Result Identify whether the TIM_FDF is still running Upstream ARC |
| Output Data | TIM_FDF End Date |
| Previous Objects | Is timer TIM_FDF still running? |
| Information Exchange | |
| Requirements | COR_FUR_0036 |
| Data Set | |
| Events | |
| State | |

Table 5.421: Task Stop timer TIM_FDF

Event Timers updated upon Submitted Splitting Operation message received and new e-ADs were generated

| EVENT ATTRIBUTE NAME | EVENT ATTRIBUTE VALUE |
|----------------------|---|
| Event Name | Timers updated upon Submitted Splitting Operation message received and new e-ADs were generated |

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| PROCESS MODELS |

| | |
|------------------|--|
| Event Type | End event |
| Description | The timers updated upon Submitted draft of Splitting Operation message (IE825) received. |
| Previous Objects | Stop timer TIM_FDF Reset of the flag of timer TIM_FDF |

Table 5.422: Event Timers updated upon Submitted Splitting Operation message received and new e-ADs were generated