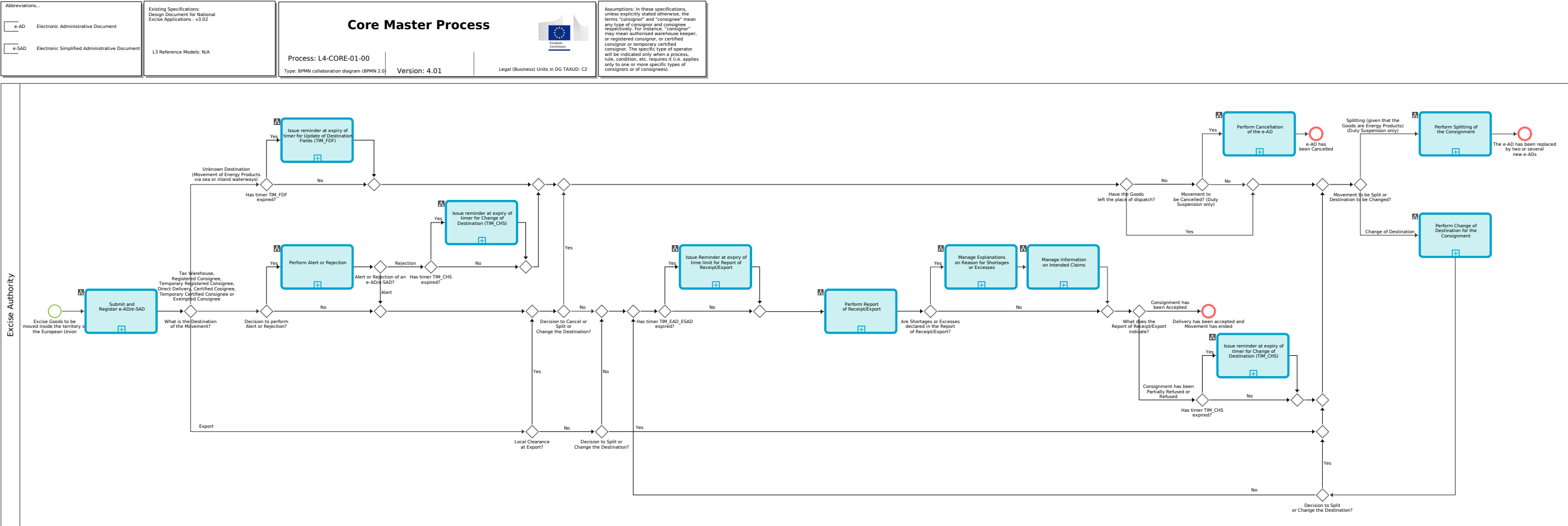
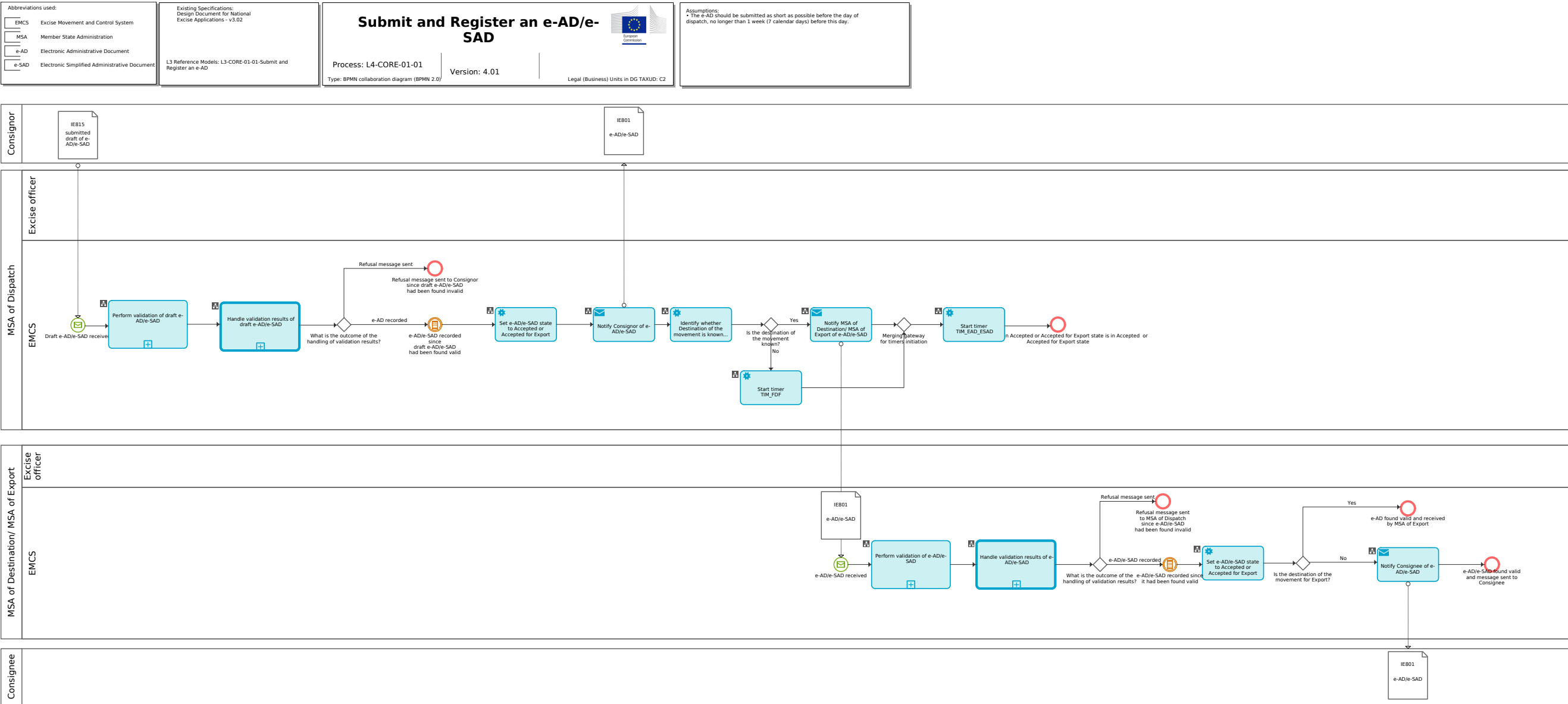


ANNEX 1: MODEL GRAPHICS

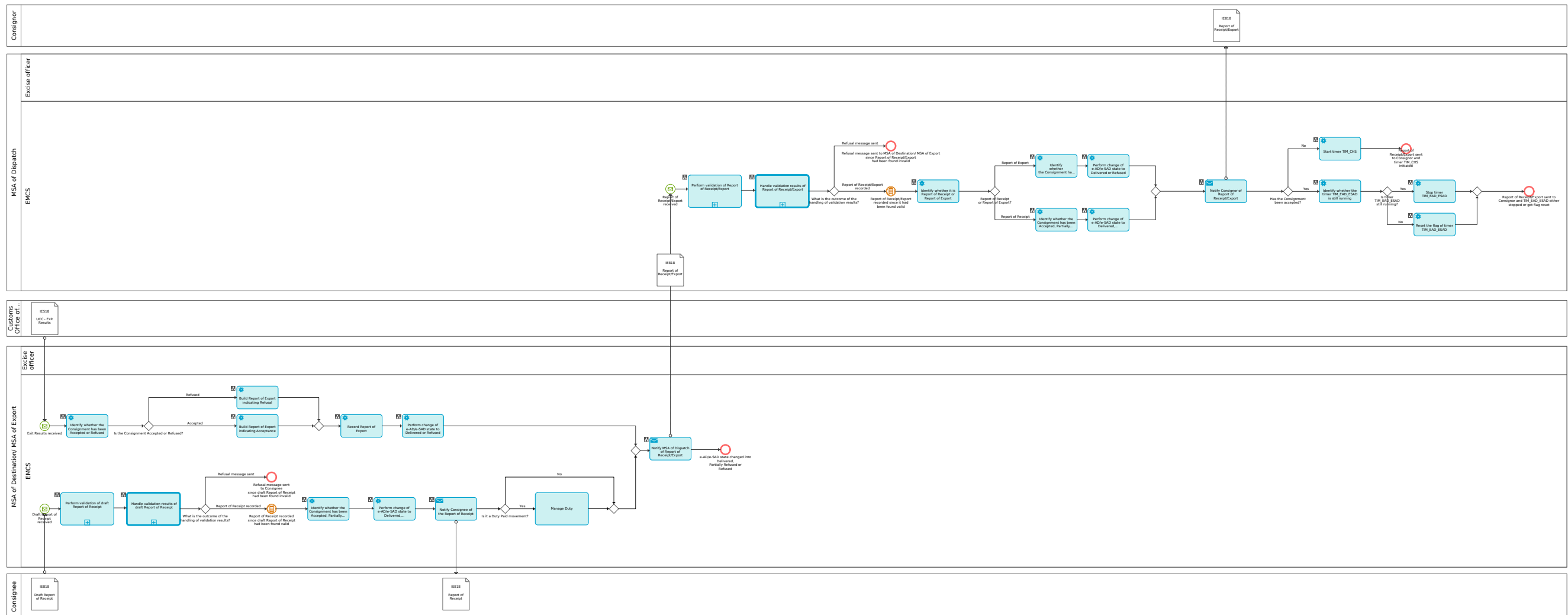
Process L4-CORE-01-00-Core Master Process




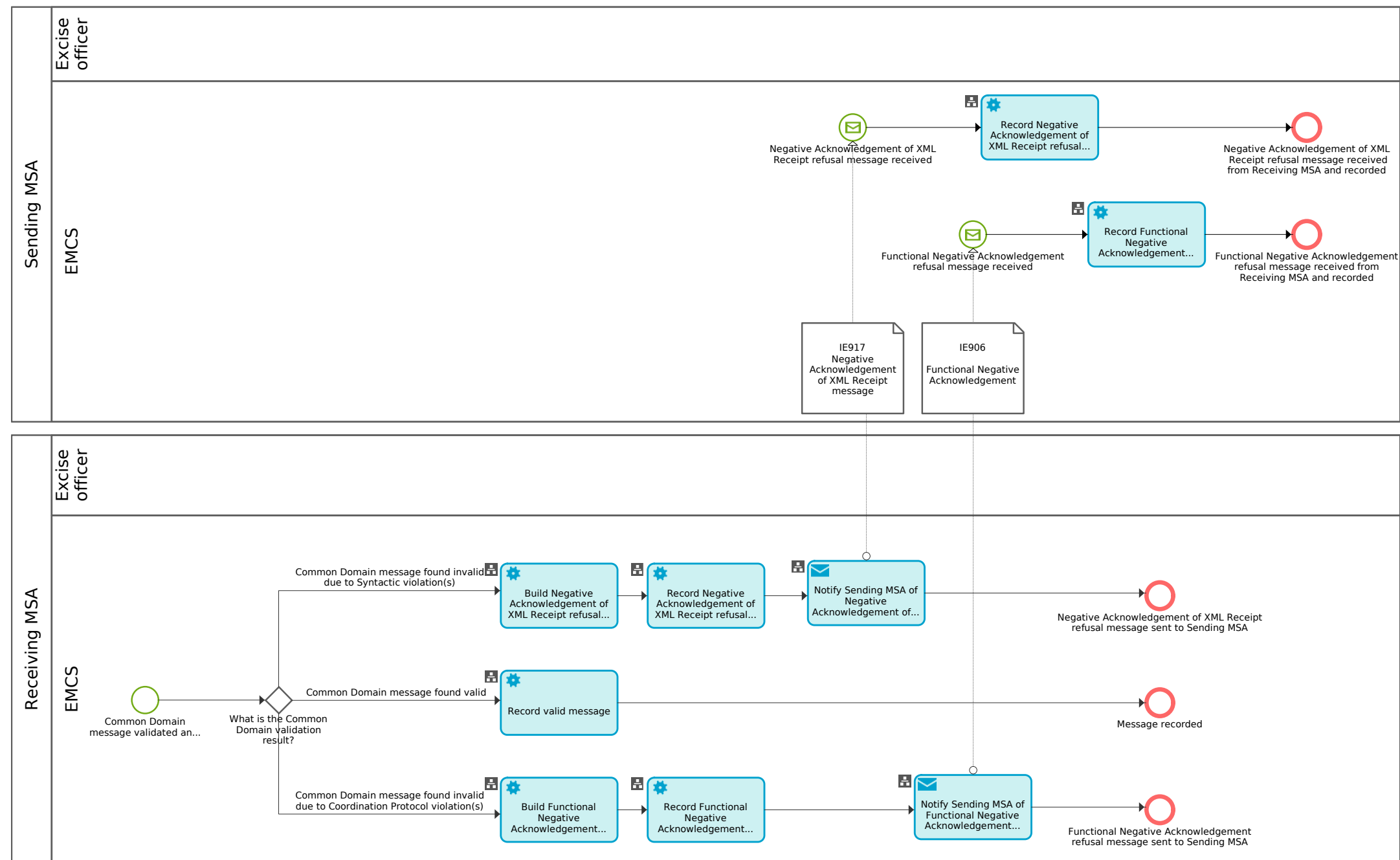
Process L4-CORE-01-01-Submit and Register e-AD/e-SAD



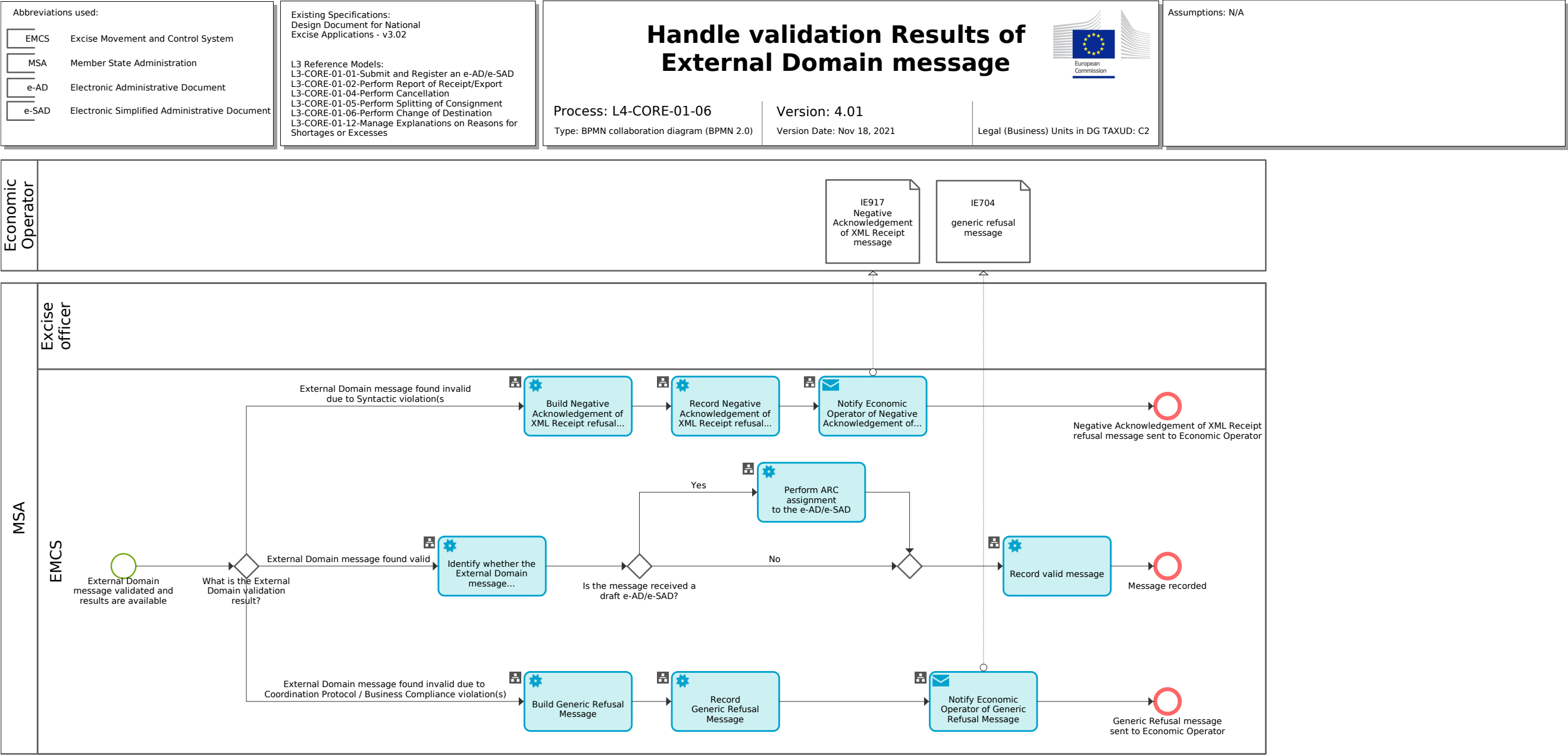
Abbreviations...	Existing Specifications Design Document for National Police Requirements v.0.02	<h1>Performance Report of Receipt/Export</h1>		Assumptions The Consignor has an up-to-date copy of the e-AD regarding the movement
EMCS Excise Movement and Control System	1.7 Reference Models: 1.3 CORE-01-02 Perform Report of Receipt/Export			Process: L4-CORE-01-02 Type: BPMN collaboration diagram (BPMN v.2)
MSA Member State Administration	Electronic Administrative Document			
e-AD Electronic Administrative Document				
e-ASD Electronic Simplified Administrative Document				



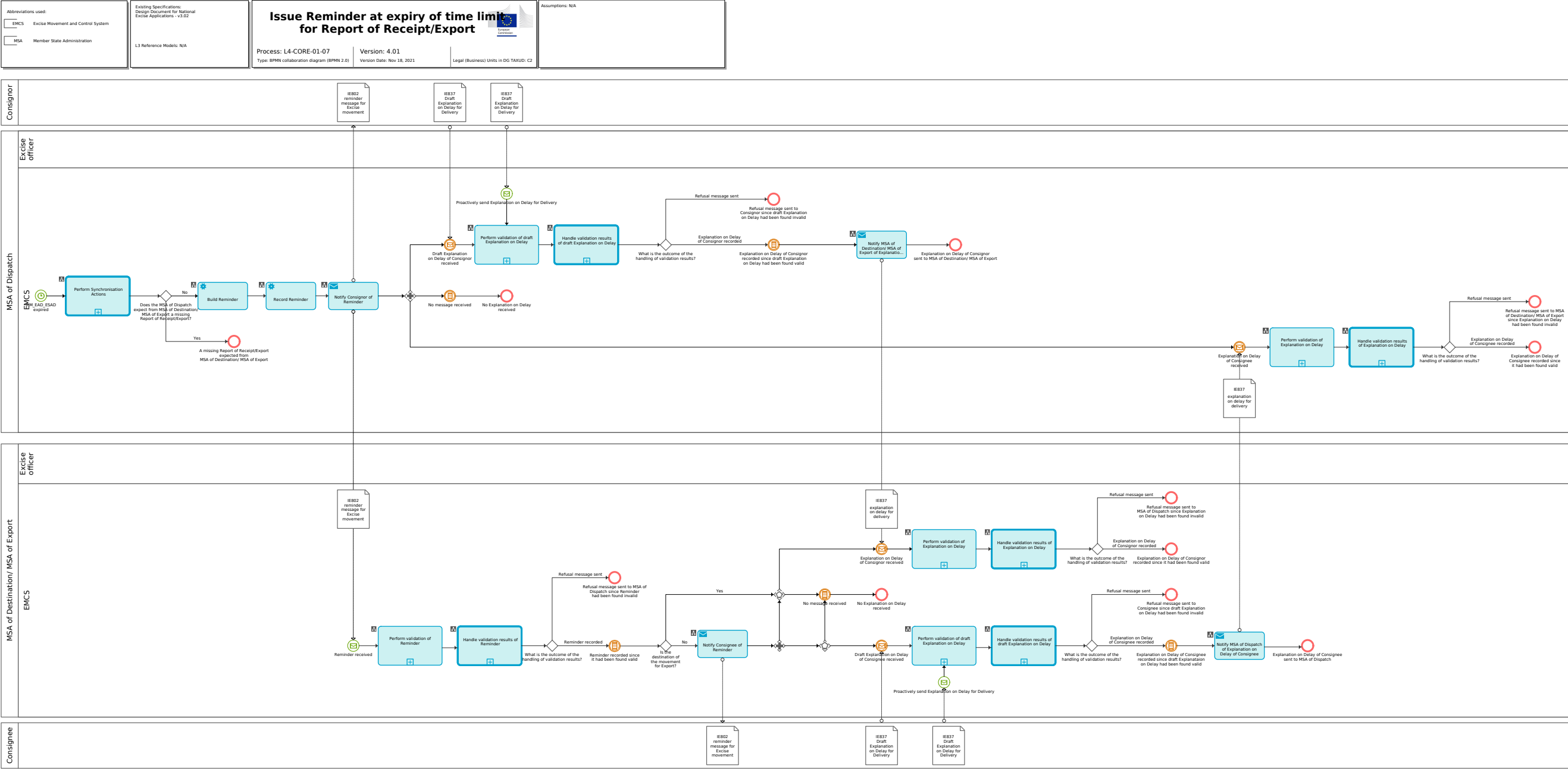
<p>Abbreviations used:</p> <table><tr><td>EMCS</td><td>Excise Movement and Control System</td></tr><tr><td>MSA</td><td>Member State Administration</td></tr></table>	EMCS	Excise Movement and Control System	MSA	Member State Administration	<p>Existing Specifications: Design Document for National Excise Applications - v3.02</p> <p>L3 Reference Models: N/A</p>	<div><div><h1>Handle validation Results of Common Domain message</h1></div><div><div>Process: L4-CORE-01-05</div><div>Type: BPMN collaboration diagram (BPMN 2.0)</div></div><div><div>Version: 4.01</div><div>Version Date: Nov 18, 2021</div></div><div><div>Legal (Business) Units in DG TAXUD: C2</div></div></div>	<p>Assumptions: N/A</p>
EMCS	Excise Movement and Control System						
MSA	Member State Administration						



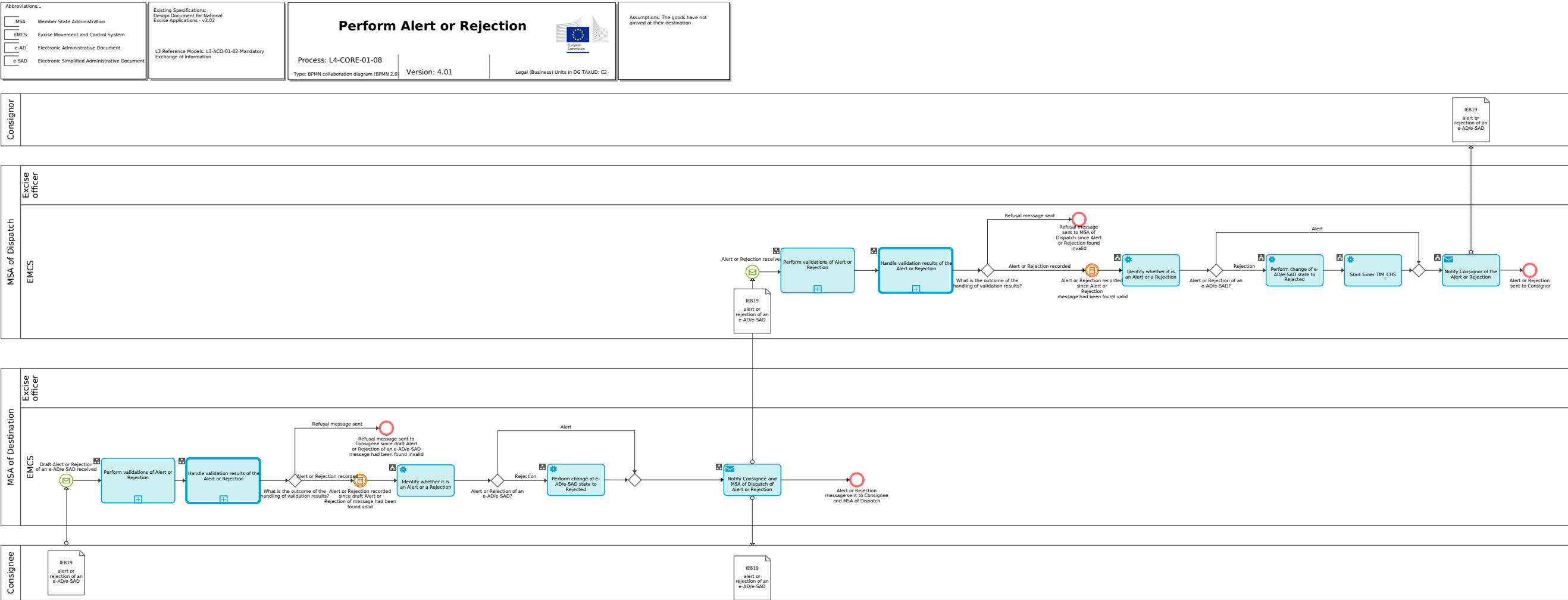
Process L4-CORE-01-06-Handle validation Results of External Domain message



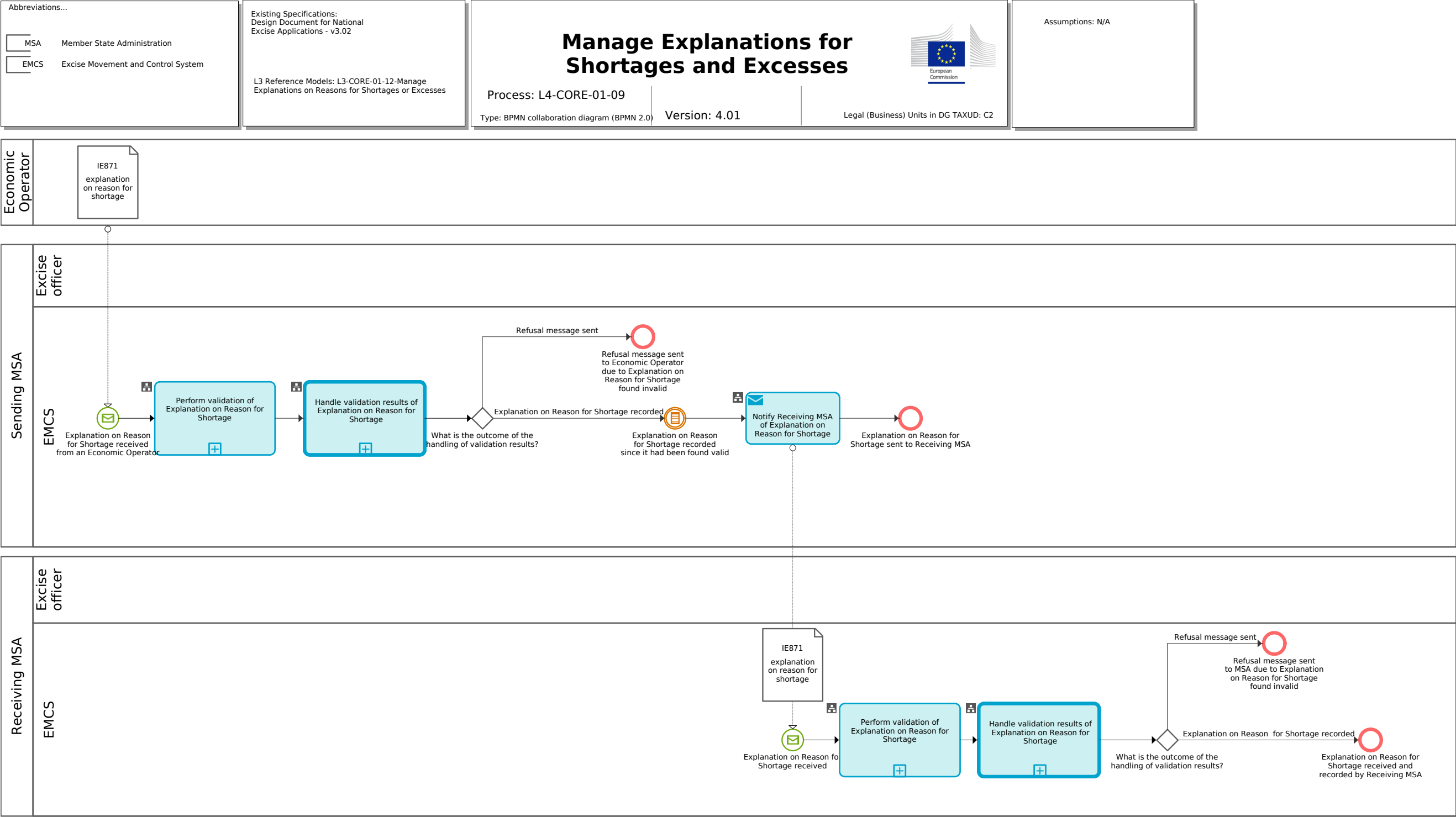
Process L4-CORE-01-07-Issue Reminder at expiry of time limit for Report of Receipt/Export



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



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



<p>Abbreviations...</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px; text-align: center;">MSA</td> <td>Member State Administration</td> </tr> <tr> <td style="text-align: center;">EMCS</td> <td>Excise Movement and Control System</td> </tr> <tr> <td style="text-align: center;">e-AD</td> <td>Electronic Administrative Document</td> </tr> </table>	MSA	Member State Administration	EMCS	Excise Movement and Control System	e-AD	Electronic Administrative Document	<p>Existing Specifications: Design Document for National Excise Applications - v3.02</p> <p>L3 Reference Models: L3-CORE-01-04-Perform Cancellation</p>	<h2 style="margin: 0;">Perform Cancellation of an e-AD</h2> <p style="margin: 5px 0;">Process: L4-CORE-01-10</p> <p style="margin: 0 0 0 20px;">Type: BPMN collaboration diagram (BPMN 2.0)</p> <p style="margin: 5px 0;">Version: 4.01</p> <p style="margin: 0 0 0 20px;">Legal (Business) Units in DG TAXUD: C2</p>	<p>Assumptions: The consignment has not left the place of Dispatch</p>
MSA	Member State Administration								
EMCS	Excise Movement and Control System								
e-AD	Electronic Administrative Document								

The diagram illustrates the process of cancelling an e-AD across three participants: Consignor, MSA of Dispatch (Excise officer), and MSA of Destination (Excise officer). The process is divided into two main flows: one for the MSA of Dispatch and one for the MSA of Destination.

MSA of Dispatch (Excise officer) Flow:

- Start:** An external event "Cancellation of an e-AD received" (IE810) triggers the process.
- Task 1:** "Perform validation of Cancellation of an e-AD".
- Task 2:** "Handle validation results of Cancellation of an e-AD".
- Decision:** "What is the outcome of the validation results?".
 - Refusal path:** "Refusal message sent" leads to "Refusal message sent to Consignor since Cancellation of an e-AD had been found invalid".
 - Success path:** "Cancellation of an e-AD recorded" leads to "Cancellation of an e-AD message recorded since it had been found valid".
- Task 3:** "Perform change of the e-AD state to Cancelled".
- Task 4:** "Notify Consignor and MSA of Destination of Cancellation of an e-AD".
- Task 5:** "Handle timers associated with a Cancellation of an e-AD".
- End:** An external event "Cancellation of an e-AD" (IE810) is sent back to the Consignor.

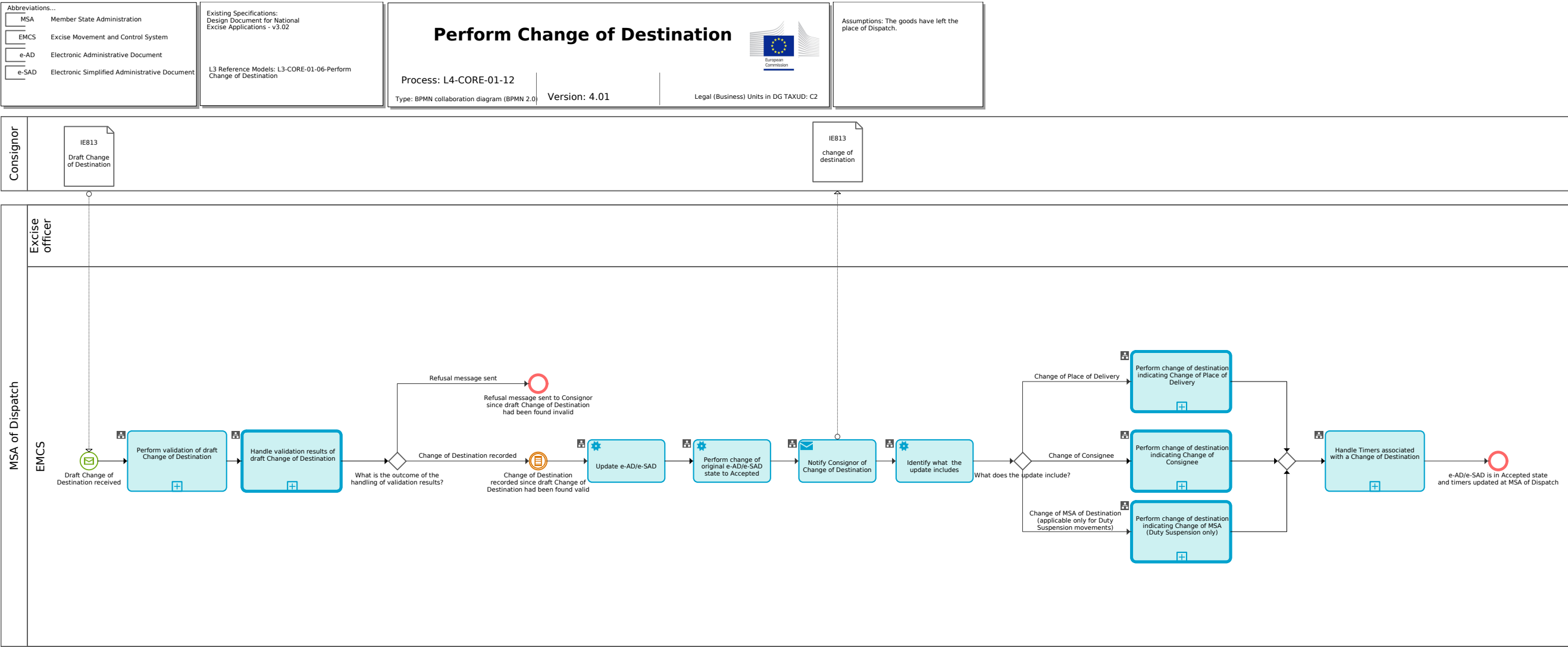
MSA of Destination (Excise officer) Flow:

- Start:** An external event "Cancellation of an e-AD received" (IE810) triggers the process.
- Task 1:** "Perform validation of Cancellation of an e-AD".
- Task 2:** "Handle validation results of Cancellation of an e-AD".

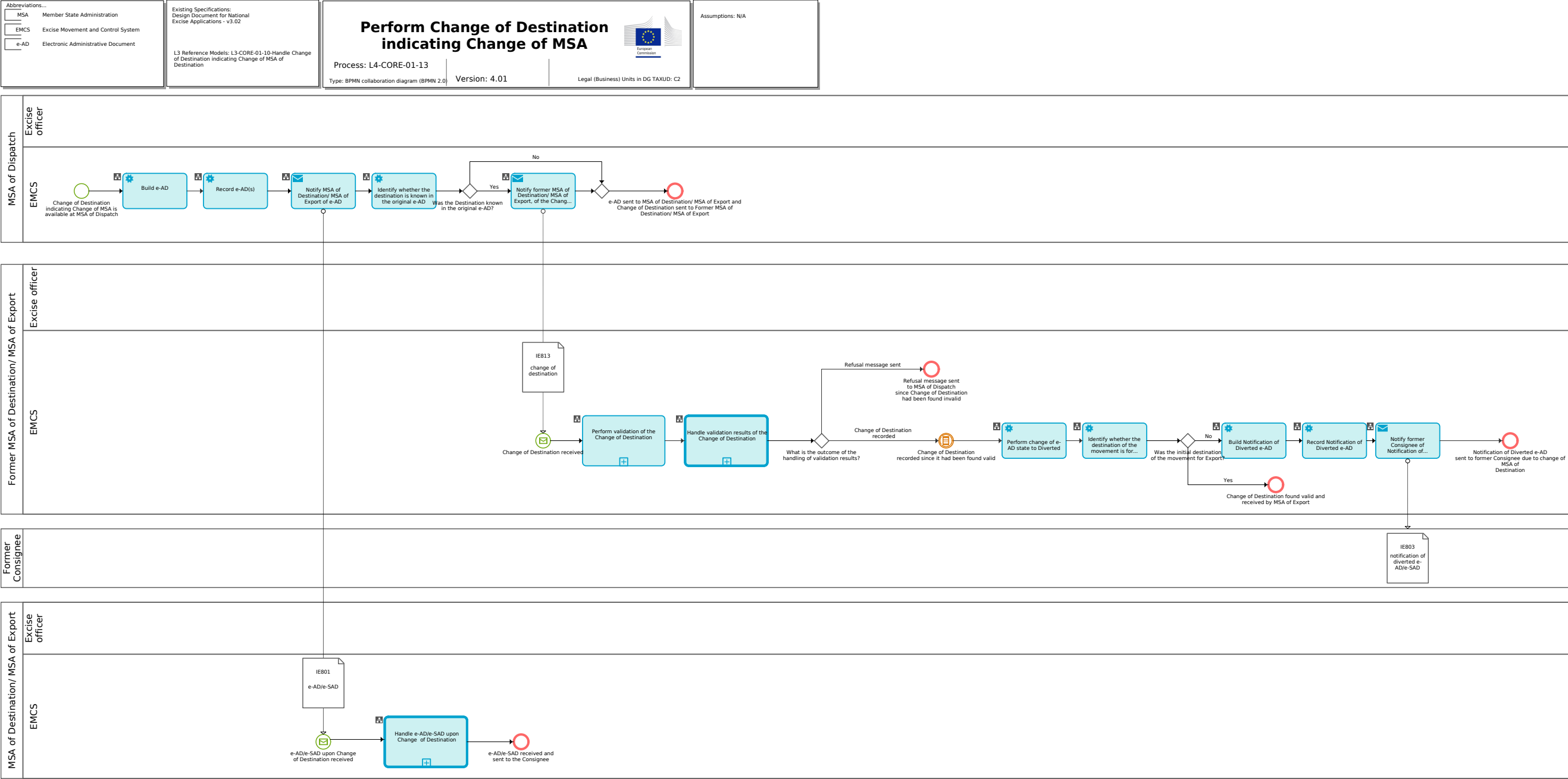
Message Flows:

- A message "Cancellation of an e-AD" is sent from the Consignor to the MSA of Dispatch.
- A message "Cancellation of an e-AD" is sent from the MSA of Dispatch to the MSA of Destination.

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



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



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

Abbreviations...

MSA

Member State Administration

EMCS

Excise Movement and Control System

e-AD

Electronic Administrative Document


e-SAD

Electronic Simplified Administrative Document

Existing Specifications:
Design Document for National
Excise Applications - v3.02

L3 Reference Models: L3-CORE-01-11-Handle Change
of Destination indicating Change of Consignee

Perform Change of Destination
indicating Change of Consignee



Process: L4-CORE-01-14

Version: 4.01

Legal (Business) Units in DG TAXUD: C2

Assumptions: N/A

The diagram illustrates the process flow for performing a change of destination indicating a change of consignee, involving three participants: MSA of Dispatch, MSA of Destination/ MSA of Export, and Former Consignee.

MSA of Dispatch:

- Excise officer:** Initiates the process with a start event (green circle) labeled "Change of Destination indicating Change of Consignee is available at MSA of Dispatch".
- EMCS:** Executes the following tasks:
 - Build e-AD/e-SAD
 - Record e-AD/e-SAD(s)
 - Notify MSA of Destination/ MSA of Export of e-AD/e-SADThe process ends with an end event (red circle) labeled "e-AD/e-SAD sent to MSA of Destination/ MSA of Export".

MSA of Destination/ MSA of Export:

- Excise officer:** Receives the e-AD/e-SAD from the MSA of Dispatch via a message flow (dashed line).
- EMCS:** Executes the following tasks:
 - Starts with an intermediate event (green circle with envelope icon) labeled "e-AD/e-SAD upon Change of Destination received".
 - Handle e-AD/e-SAD upon Change of Destination
 - Build Notification of Diverted e-AD/e-SAD
 - Record Notification of Diverted e-AD/e-SAD
 - Notify former Consignee of Notification of...The process ends with an end event (red circle) labeled "e-AD/e-SAD received and Notification of Diverted e-AD/e-SAD sent to Former Consignee".

Former Consignee:

- notification of diverted e-AD/e-SAD:** Receives the notification from the MSA of Destination/ MSA of Export via a message flow (dashed line).

EU Customs Functional Requirements BPM Report for Core

Version 4.01

Version Date 18/11/2021

Page 12 of 27

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

Abbreviations...

MSA

Member State Administration

EMCS

Excise Movement and Control System

e-AD

Electronic Administrative Document


e-SAD

Electronic Simplified Administrative Document

Existing Specifications:
Design Document for National
Excise Applications - v3.02

L3 Reference Models: L3-CORE-01-09-Handle Change
of Destination indicating Change of Place of Delivery

Perform Change of Destination
indicating Change of Place of
Delivery



Process: L4-CORE-01-15

Version: 4.01

Legal (Business) Units in DG TAXUD: C2

Assumptions: N/A

```
graph LR
    subgraph "MSA of Dispatch"
        Start((Change of Destination indicating Change of Place of Delivery is available at MSA of Dispatch))
        Notify[Notify MSA of Destination, of the Change of Destination]
        End1((Change of Destination sent to MSA of Destination/ MSA of Export))
    end

    subgraph "MSA of Destination/ MSA of Export"
        IE813_1[IE813 change of destination]
        Received[Change of Destination received]
        Perform[Perform validation of the Change of Destination]
        Handle[Handle validation results of the Change of Destination]
        Decision1{What is the outcome of the handling of validation results?}
        Recorded[Change of Destination recorded since it had been found valid]
        SetState[Set e-AD/e-SAD state to Accepted]
        Identify[Identify whether the destination of the movement is for...]
        Decision2{Was the initial destination of the movement for Export?}
        NotifyCons[Notify Consignee of Change of Destination]
        End2((Change of Destination sent to Consignee))
    end

    subgraph "Consignee"
        IE813_2[IE813 change of destination]
    end

    Start --> Notify
    Notify --> End1
    IE813_1 --> Received
    Received --> Perform
    Perform --> Handle
    Handle --> Decision1
    Decision1 -- "Refusal message sent" --> End1
    Decision1 -- "Change of Destination recorded" --> Recorded
    Recorded --> SetState
    SetState --> Identify
    Identify --> Decision2
    Decision2 -- "Yes" --> End2
    Decision2 -- "No" --> NotifyCons
    NotifyCons --> End2
    IE813_2 --> IE813_1
```

EU Customs Functional Requirements BPM Report for Core

Version 4.01

Version Date 18/11/2021

Page 13 of 27

Process L4-CORE-01-16-Handle e-AD/e-SAD upon Change of Destination

Abbreviations...

MSA

Member State Administration

EMCS

Excise Movement and Control System

e-AD

Electronic Administrative Document

e-SAD

Electronic Simplified Administrative Document

Existing Specifications:
Design Document for National
Excise Applications - v3.02

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


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

Process:
L4-CORE-01-16

Type: BPMN collaboration diagram (BPMN 2.0)

Version: 4.01

Legal (Business) Units in DG TAXUD: C2



Assumptions: N/A

The diagram illustrates the process flow for handling an e-AD/e-SAD upon a change of destination, involving three participants: Excise officer, MSA of Destination/MSA of Export, and Consignee.

Excise officer:

- Starts with a start event (green circle) labeled "e-AD/e-SAD upon Change of Destination received".
- Task: "Perform validation of e-AD/e-SAD".
- Task: "Handle validation results of e-AD/e-SAD".
- Decision: "What is the outcome of the handling of validation results?".
- Task: "Set e-AD/e-SAD state to Accepted".
- Task: "Identify whether the destination of the movement is for...".
- Decision: "Was the initial destination of the movement for Export?".
- Task: "Notify Consignee of updated e-AD/e-SAD".
- Ends with an end event (red circle) labeled "e-AD/e-SAD received and sent to the Consignee".

MSA of Destination/MSA of Export:

- Task: "Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid".
- Task: "e-AD/e-SAD recorded since it had been found valid".
- Task: "e-AD found valid and received by MSA of Export".

Consignee:

- Task: "IE801 e-AD/e-SAD".

Flow Details:

- From "Perform validation of e-AD/e-SAD" to "Handle validation results of e-AD/e-SAD".
- From "Handle validation results of e-AD/e-SAD" to the decision "What is the outcome of the handling of validation results?".
- If "Refused" (invalid): "Refusal message sent to MSA of Dispatch since e-AD/e-SAD had been found invalid".
- If "Valid": "e-AD/e-SAD recorded since it had been found valid".
- From "e-AD/e-SAD recorded since it had been found valid" to "Set e-AD/e-SAD state to Accepted".
- From "Set e-AD/e-SAD state to Accepted" to "Identify whether the destination of the movement is for...".
- From "Identify whether the destination of the movement is for..." to the decision "Was the initial destination of the movement for Export?".
- If "Yes": "e-AD found valid and received by MSA of Export".
- If "No": "Notify Consignee of updated e-AD/e-SAD".
- From "Notify Consignee of updated e-AD/e-SAD" to the end event "e-AD/e-SAD received and sent to the Consignee".
- A dashed line connects the "Notify Consignee of updated e-AD/e-SAD" task to the "IE801 e-AD/e-SAD" task in the Consignee pool.

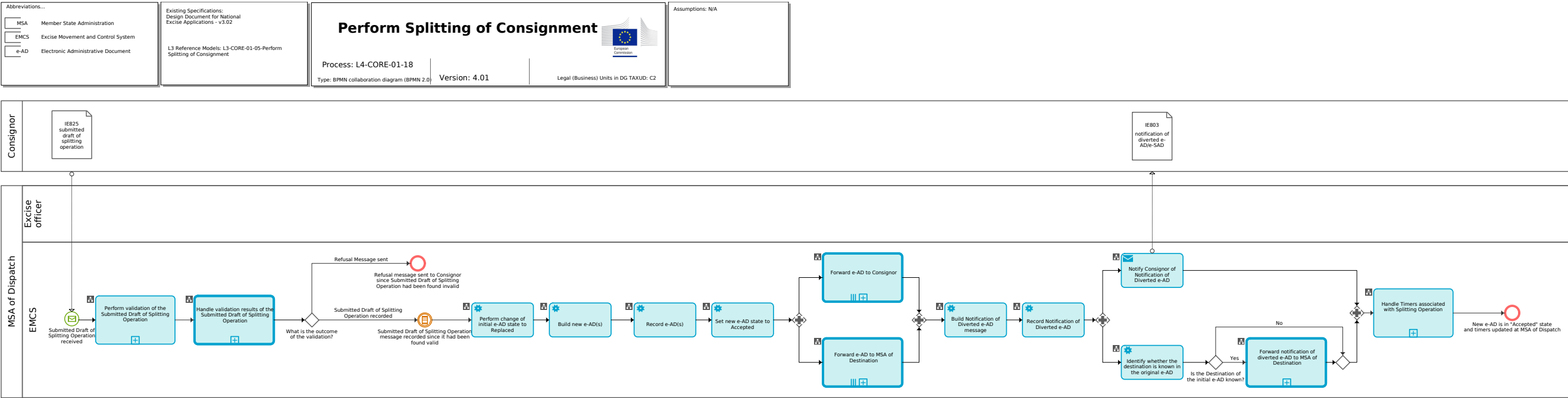
EU Customs Functional Requirements BPM Report for Core

Version 4.01

Version Date 18/11/2021

Page 14 of 27

Process L4-CORE-01-18-Perform Splitting of Consignment



Process L4-CORE-01-19-Forward e-AD(s) to Consignor

Abbreviations...

MSA

Member State Administration

EMCS

Excise Movement and Control System


e-AD

Electronic Administrative Document

Existing Specifications:
Design Document for National
Excise Applications - v3.02

L3 Reference Models: L3-CORE-01-07-Forward e-AD
to Consignor

Forward e-AD(s) to Consignor



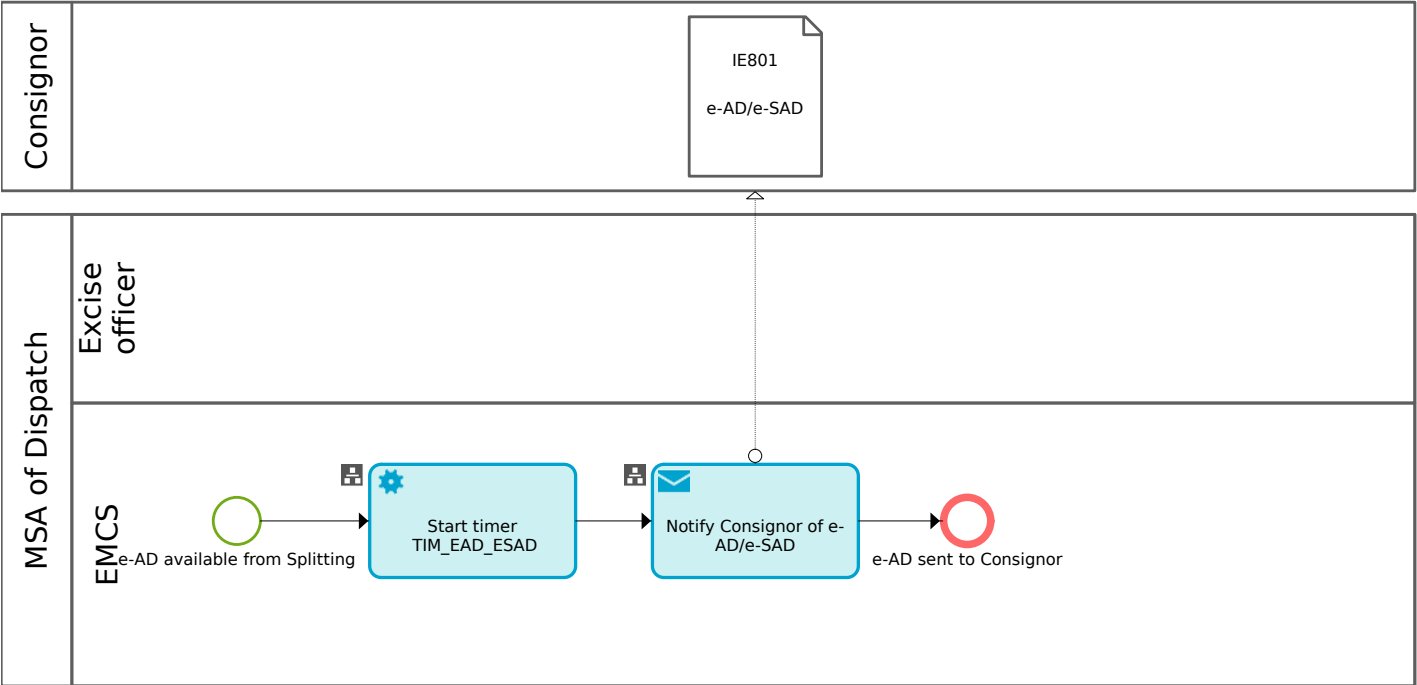
Process: L4-CORE-01-19

Type: BPMN collaboration diagram (BPMN 2.0)

Version: 4.01

Legal (Business) Units in DG TAXUD: C2

Assumptions: N/A



Process L4-CORE-01-20-Forward e-AD(s) to MSA of Destination

Abbreviations...

MSA

Member State Administration

EMCS

Excise Movement and Control System

e-AD

Electronic Administrative Document

Existing Specifications:
Design Document for National
Excise Applications - v3.02

L3 Reference Models: L3-CORE-01-08-Forward e-AD
to MSA of Destination

Forward e-AD(s) to MSA of...

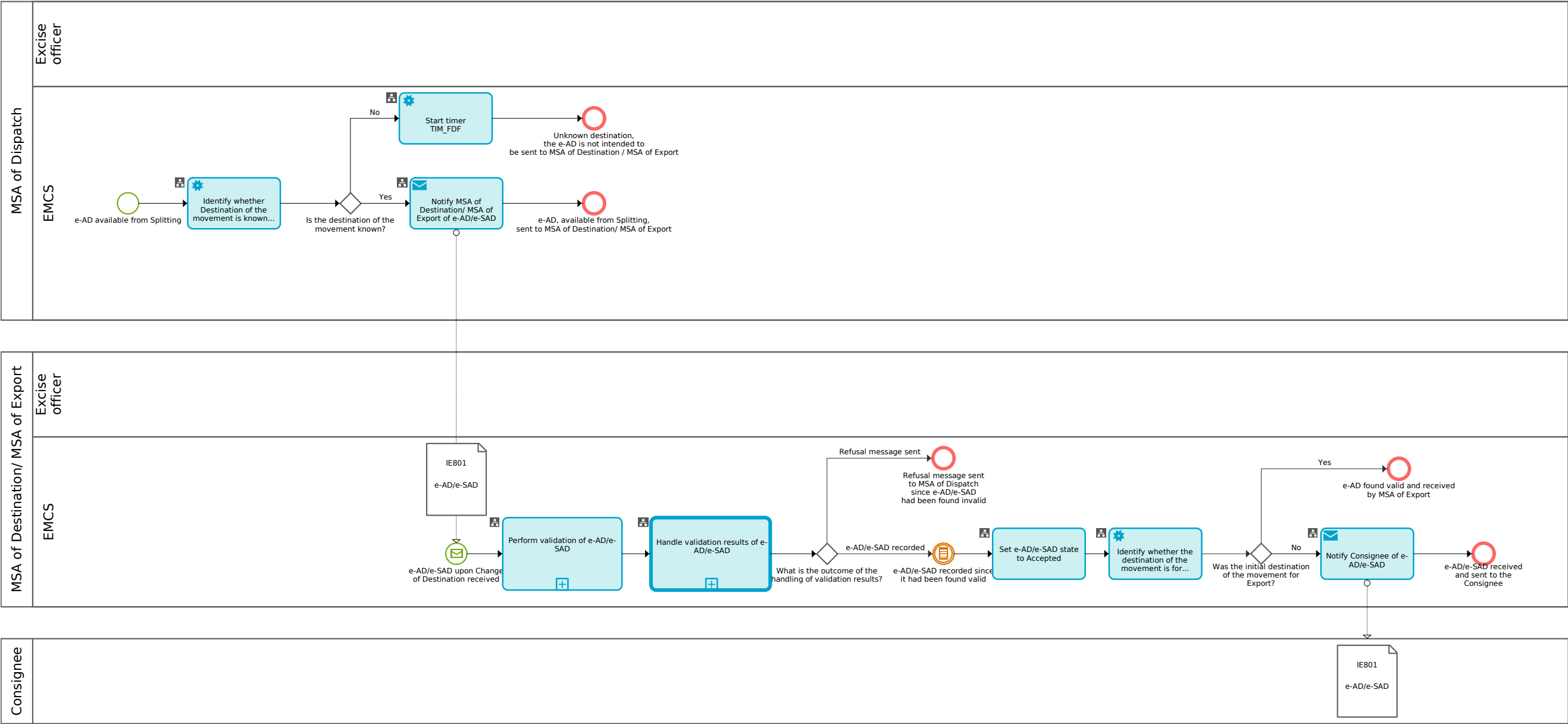
Process: L4-CORE-01-20

Type: BPMN collaboration diagram (BPMN 2.0)

Version: 4.01

Legal (Business) Units in DG TAXUD: C2

Assumptions: N/A



Process L4-CORE-01-21-Forward notification of Diverted e-AD to MSA of Destination

Abbreviations...

MSA

Member State Administration

EMCS

Excise Movement and Control System

e-AD

Electronic Administrative Document

Existing Specifications:
Design Document for National
Excise Applications - v3.02

L3 Reference Models: L3-CORE-01-05-Perform
Splitting of Consignment


Forward notification of Diverted e-AD to MSA of Destination

Process: L4-CORE-01-21

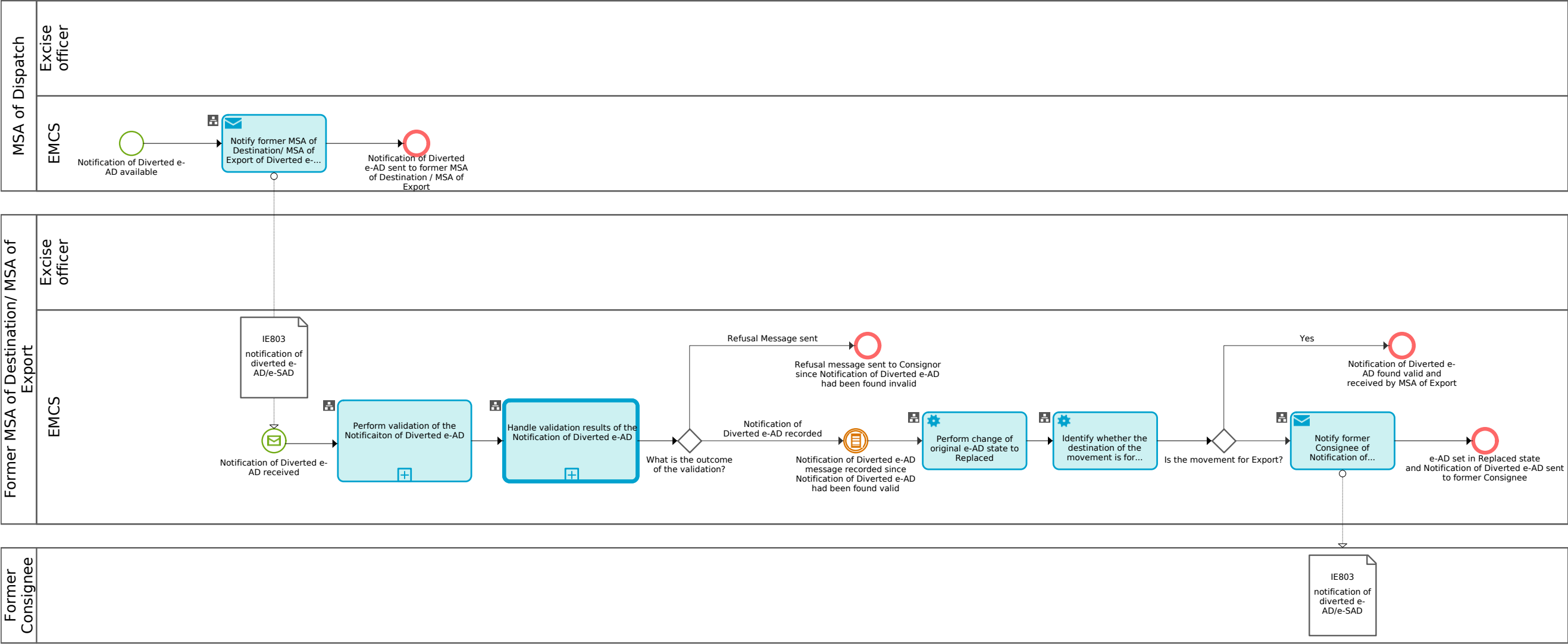
Type: BPMN collaboration diagram (BPMN 2.0)

Version: 4.01

Legal (Business) Units in DG TAXUD: C2



Assumptions: N/A



Process L4-CORE-01-23-Provide Information on Intended Claims

Abbreviations...

MSA

Member State Administration


EMCS

Excise Movement and Control System

Existing Specifications:
Design Document for National
Excise Applications - v3.02

L3 Reference Models: L3-CORE-01-13-Manage
Information on Intended Claims

Provide Information on Intended
Claims



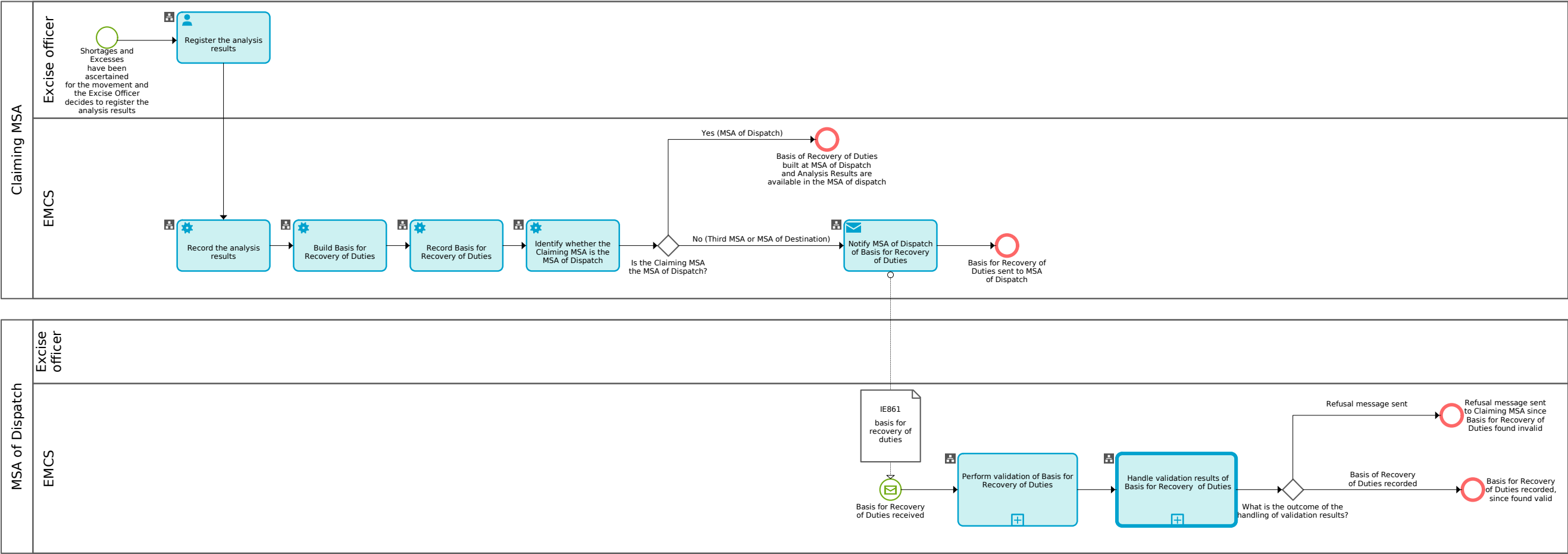
Process: L4-CORE-01-23

Type: BPMN collaboration diagram (BPMN 2.0)

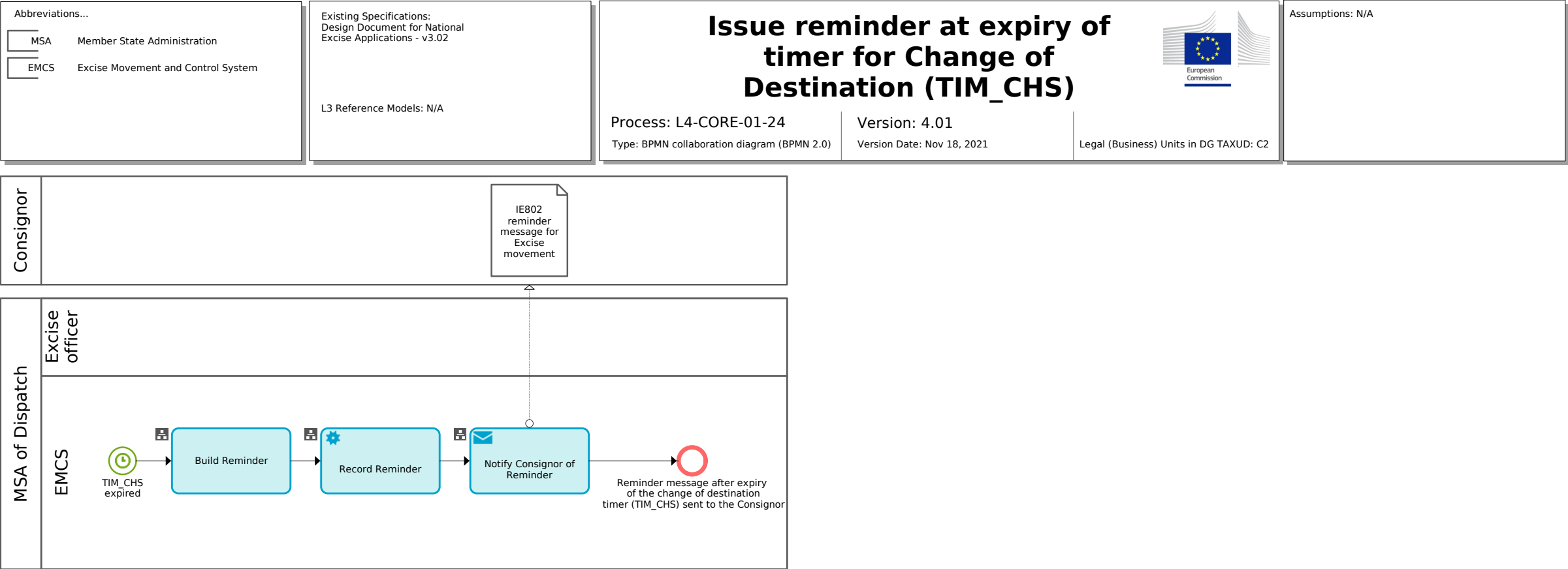
Version: 4.01

Legal (Business) Units in DG TAXUD: C2

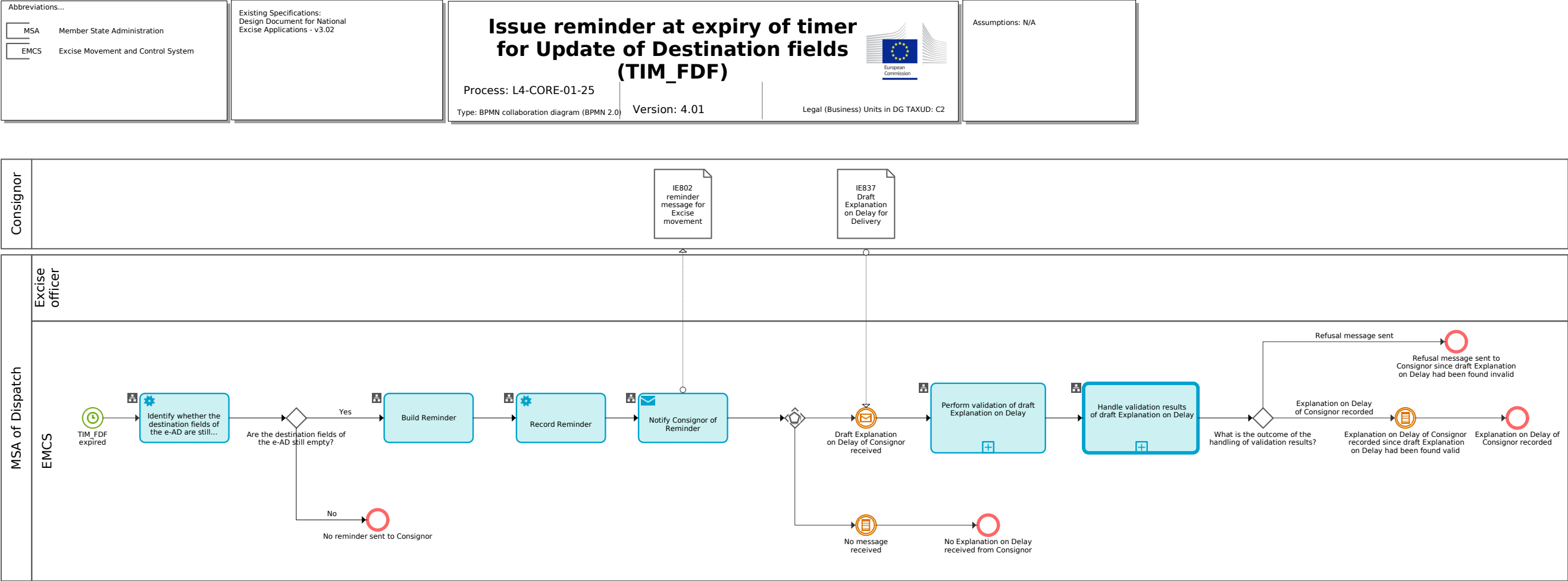
Assumptions: N/A



Process L4-CORE-01-24-Issue reminder at expiry of timer for Change of Destination (TIM_CHS)



Process L4-CORE-01-25-Issue reminder at expiry of timer for Update of Destination Fields (TIM_FDF)



Consignor

IE802 reminder message for Excise movement

IE837 Draft Explanation on Delay for Delivery

Excise officer

MSA of Dispatch

EMCS

TIM_FDF expired

Identify whether the destination fields of the e-AD are still...

Are the destination fields of the e-AD still empty?

Yes

Build Reminder

Record Reminder

Notify Consignor of Reminder

Draft Explanation on Delay of Consignor received

Perform validation of draft Explanation on Delay

Handle validation results of draft Explanation on Delay

What is the outcome of the handling of validation results?

Explanation on Delay of Consignor recorded

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

Explanation on Delay of Consignor recorded

No

No reminder sent to Consignor

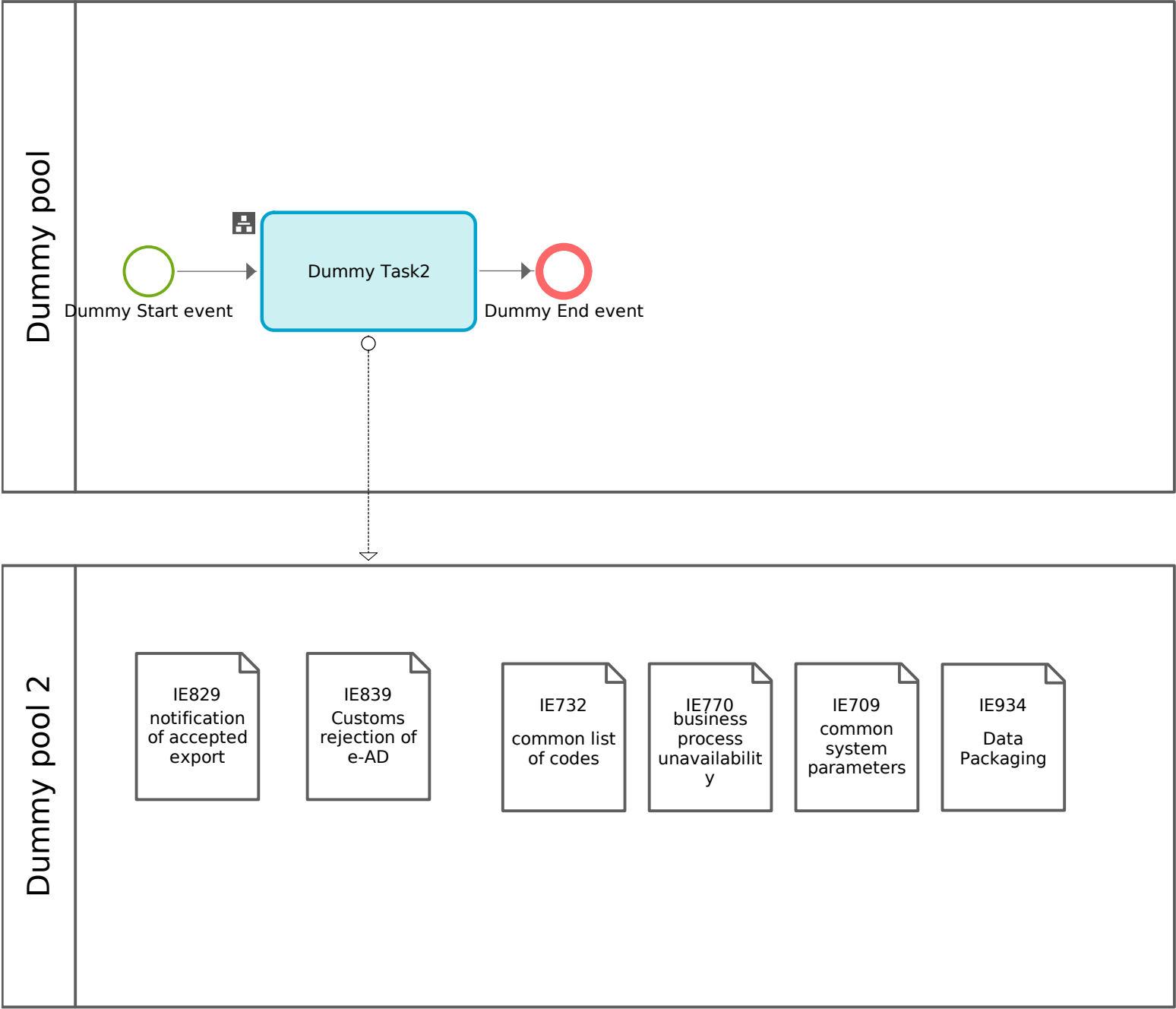
No message received

No Explanation on Delay received from Consignor

Refusal message sent

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

Process L4-CORE-Dummy



Process L4-CORE-01-04-Perform validation of External Domain message

Abbreviations used:

Existing Specifications: Design Document for National Excise Applications - v3.02

L3 Reference Models:
L3-CORE-01-01-Submit and Register an e-AD
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

Perform validations on External Domain messages

Process: L4-CORE-01-04

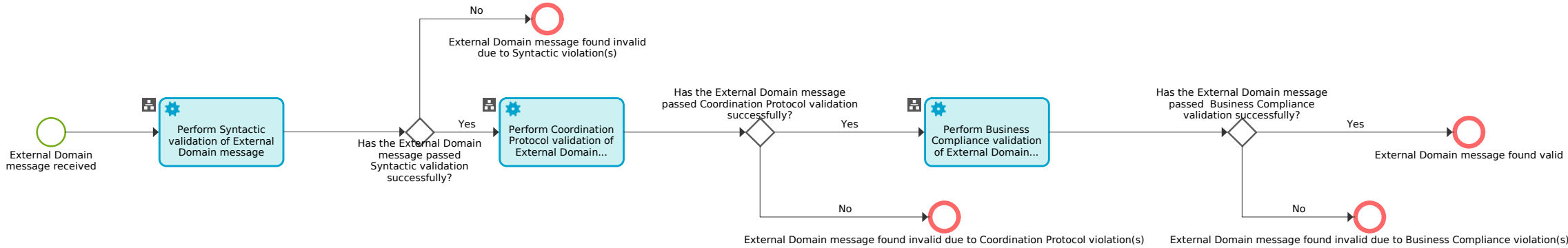
Version: 4.01

Legal (Business) Units in DG TAXUD: C2

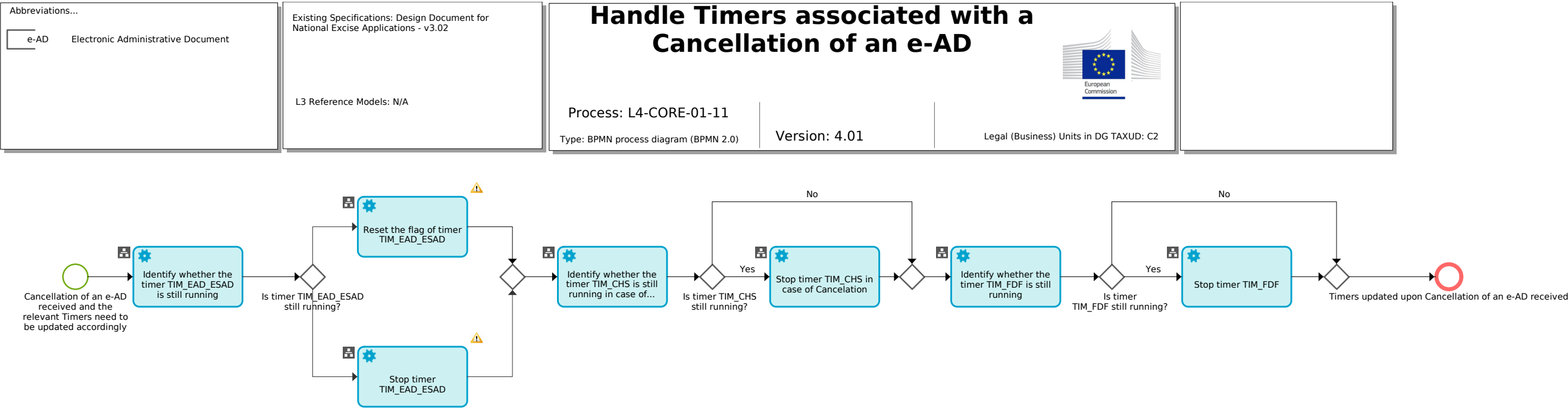
Type: BPMN process diagram (BPMN 2.0)



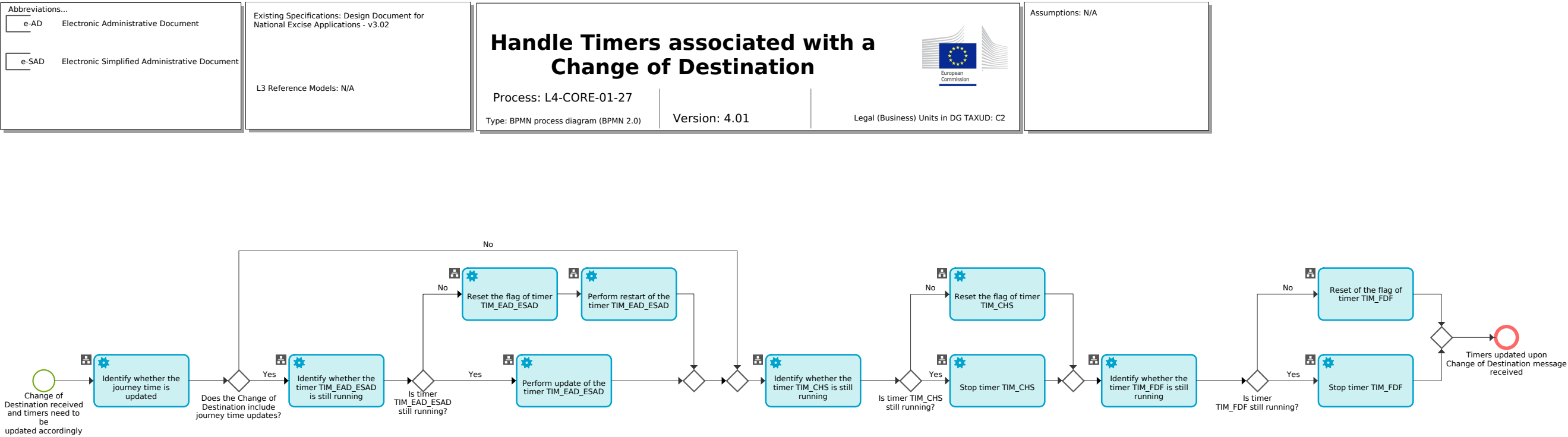
Assumptions: N/A



Process L4-CORE-01-11-Handle Timers associated with a Cancellation of an e-AD



Process L4-CORE-01-17-Handle Timers associated with a Change of Destination



EU Customs Functional Requirements BPM Report for Core

Version 4.01

Version Date 18/11/2021

Page 26 of 27

Process L4-CORE-01-22-Handle Timers associated with Splitting Operation


Abbreviations...
e-AD Electronic Administrative Document

Existing Specifications: Design Document for National Excise Applications - v3.02

L3 Reference Models: N/A

Handle Timers associated with Splitting Operation

Process: L4-CORE-01-22
Type: BPMN process diagram (BPMN 2.0)



Version: 4.01
Legal (Business) Units in DG TAXUD: C2

Assumptions: N/A

```
graph LR; Start([Submitted Draft of Splitting Operation received and timers need to be updated accordingly]) --> Task1[Identify whether the timer TIM_EAD_ESAD associated with the...]; Task1 --> Decision1{Is timer TIM_EAD_ESAD still running?}; Decision1 -- No --> Task2[Identify whether the timer TIM_CHS associated with the...]; Decision1 -- Yes --> Task1a[Reset the flag of timer TIM_EAD_ESAD]; Task1a --> Task1b[Stop timer TIM_EAD_ESAD]; Task1b --> Task2; Task2 --> Decision2{Is timer TIM_CHS still running?}; Decision2 -- No --> Task3[Identify whether the timer TIM_FDF associated with the...]; Decision2 -- Yes --> Task2a[Reset the flag of timer TIM_CHS]; Task2a --> Task2b[Stop timer TIM_CHS]; Task2b --> Task3; Task3 --> Decision3{Is timer TIM_FDF still running?}; Decision3 -- No --> End([Timers updated upon Submitted Splitting Operation message received and new e-ADs were generated]); Decision3 -- Yes --> Task3a[Reset of the flag of timer TIM_FDF]; Task3a --> Task3b[Stop timer TIM_FDF]; Task3b --> End;
```

EU Customs Functional Requirements BPM Report for Core

Version 4.01

Version Date 18/11/2021

Page 27 of 27