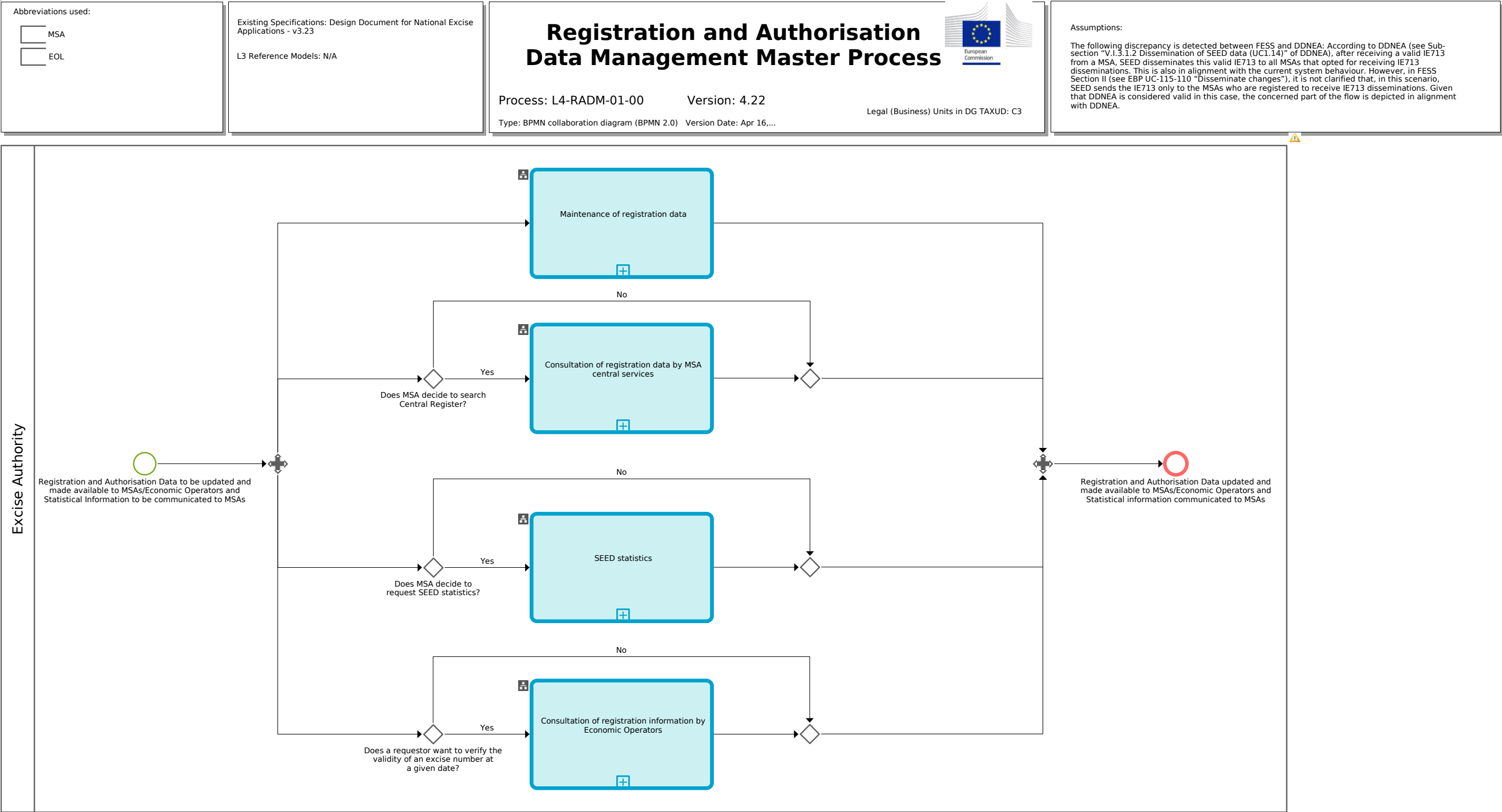


ANNEX 1: MODEL GRAPHICS

Process L4-RADM-01-00-Registration and Authorisation Data Management Master Process



Abbreviations used:

MSA

SEED


Existing Specifications: Design Document for National Excise Applications - v3.23

L3 Reference Models: L3-RADM-01-01-Maintenance of the Central Register

Maintenance of registration data

Process: L4-RADM-01-01 Version: 4.22

Type: BPMN collaboration diagram (BPMN 2.0) Version Date: Apr 16, 2023

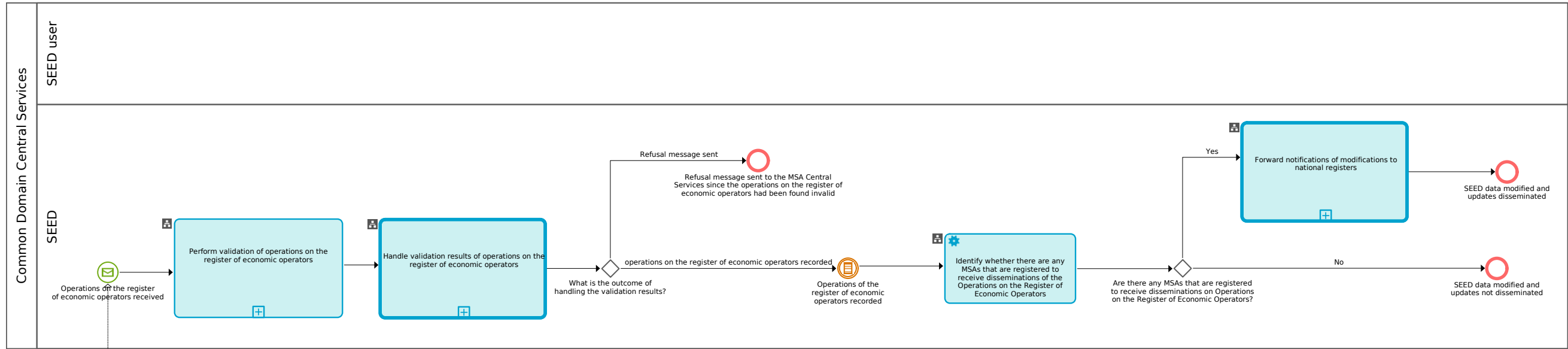


Assumptions:

- The following discrepancy is detected between the current Common Specifications (FESS and DDNEA) and the existing system behaviour (SEED):
 - According to the current Common Specification (see Sub-section "V.I.3.1.2 Dissemination of SEED data (UC1.14)" of DDNEA and sub-section "4.2.1 Overview" of "Dissemination of registration data (UC1.15)" of FESS Section III), after receiving a valid IE713 from a MSA, SEED builds a consolidated message (IE713) composed of all valid updates submitted by the MSAs. That is, the IE713 to be disseminated (to all MSAs that are registered to receive IE713 disseminations) contains not only the updates submitted via the specific IE713, but consolidated updates (including updates submitted previously by the MSAs); however
 - According to the existing system behaviour (SEED), after receiving a valid IE713 from a MSA central services, SEED disseminates this valid IE713 to all MSAs that are registered to receive IE713 disseminations (i.e. no consolidated message is built).

Given that the existing system behaviour is considered valid, the concerned part of the flow is designed in alignment with the current system. (A relevant corrective action shall be taken in the Common Specifications as per the ITSM incident IM176181.)
- The following discrepancy is detected between FESS and DDNEA: According to DDNEA (see Sub-section "V.I.3.1.2 Dissemination of SEED data (UC1.14)" of DDNEA), after receiving a valid IE713 from a MSA, SEED disseminates this valid IE713 to all MSAs that opted for receiving IE713 disseminations. This is also in alignment with the current system behaviour. However, in FESS Section II (see EBP UC-115-110 "Disseminate changes"), it is not clarified that, in this scenario, SEED sends the IE713 only to the MSAs who are registered to receive IE713 disseminations. Given that DDNEA is considered valid in this case, the concerned part of the flow is depicted in...

Common Domain Central Services



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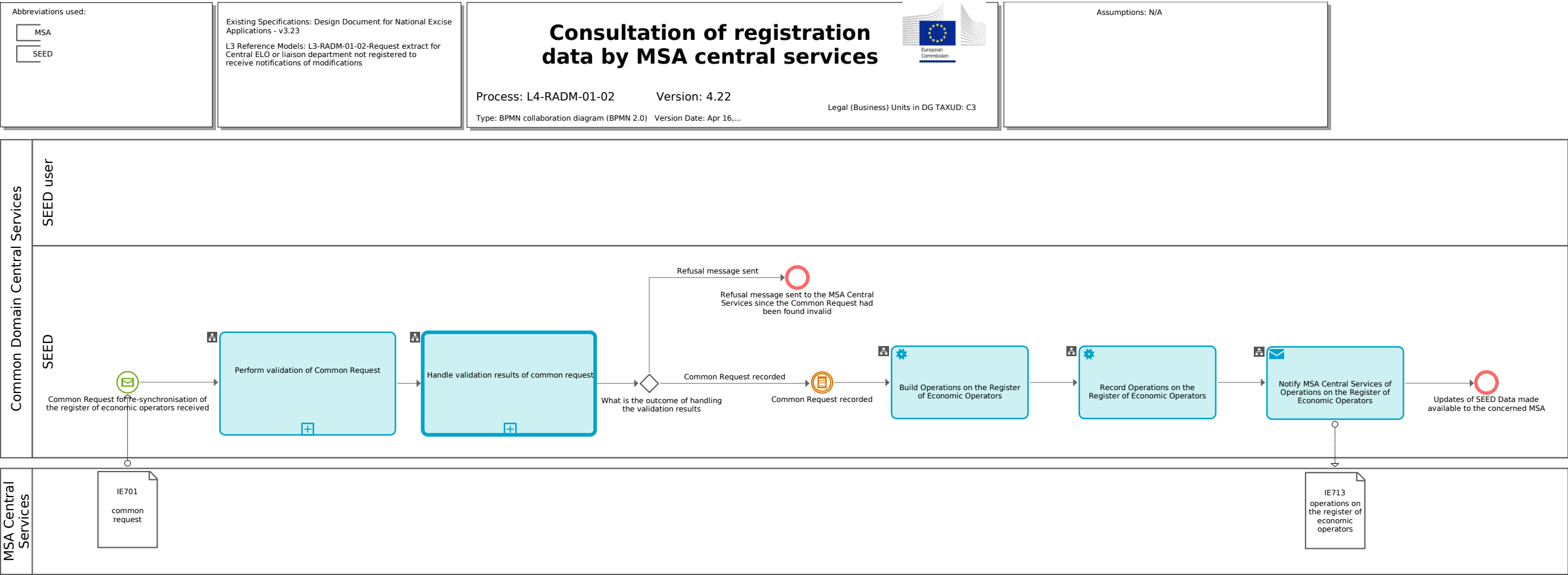
graph LR
    subgraph SEED
        Start([Operations on the register of economic operators received])
        Task1[Perform validation of operations on the register of economic operators]
        Task2[Handle validation results of operations on the register of economic operators]
        Decision1{What is the outcome of handling the validation results?}
        Task3[Identify whether there are any MSAs that are registered to receive disseminations of the Operations on the Register of Economic Operators]
        Decision2{Are there any MSAs that are registered to receive disseminations on Operations on the Register of Economic Operators?}
        End1((SEED data modified and updates disseminated))
        End2((SEED data modified and updates not disseminated))
    end

    Start --> Task1
    Task1 --> Task2
    Task2 --> Decision1
    Decision1 -- "Refusal message sent" --> EndRefusal((Refusal message sent to the MSA Central Services since the operations on the register of economic operators had been found invalid))
    Decision1 -- "operations on the register of economic operators recorded" --> Task3
    Task3 --> Decision2
    Decision2 -- "Yes" --> Task4[Forward notifications of modifications to national registers]
    Task4 --> End1
    Decision2 -- "No" --> End2
    
```

MSA Central Services

IE713 operations on the register of economic operators

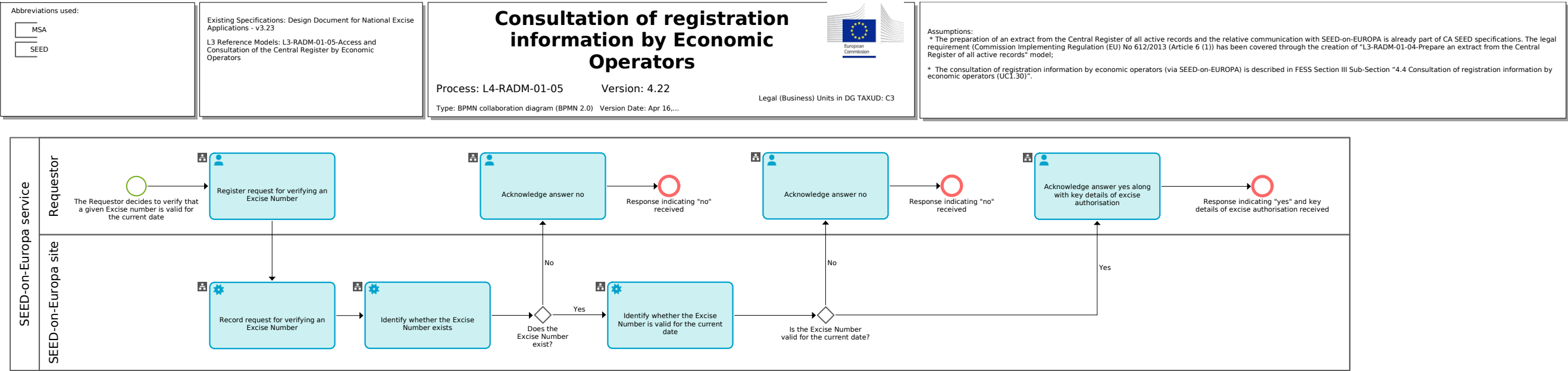
Process L4-RADM-01-02-Consultation of registration data by MSA central services



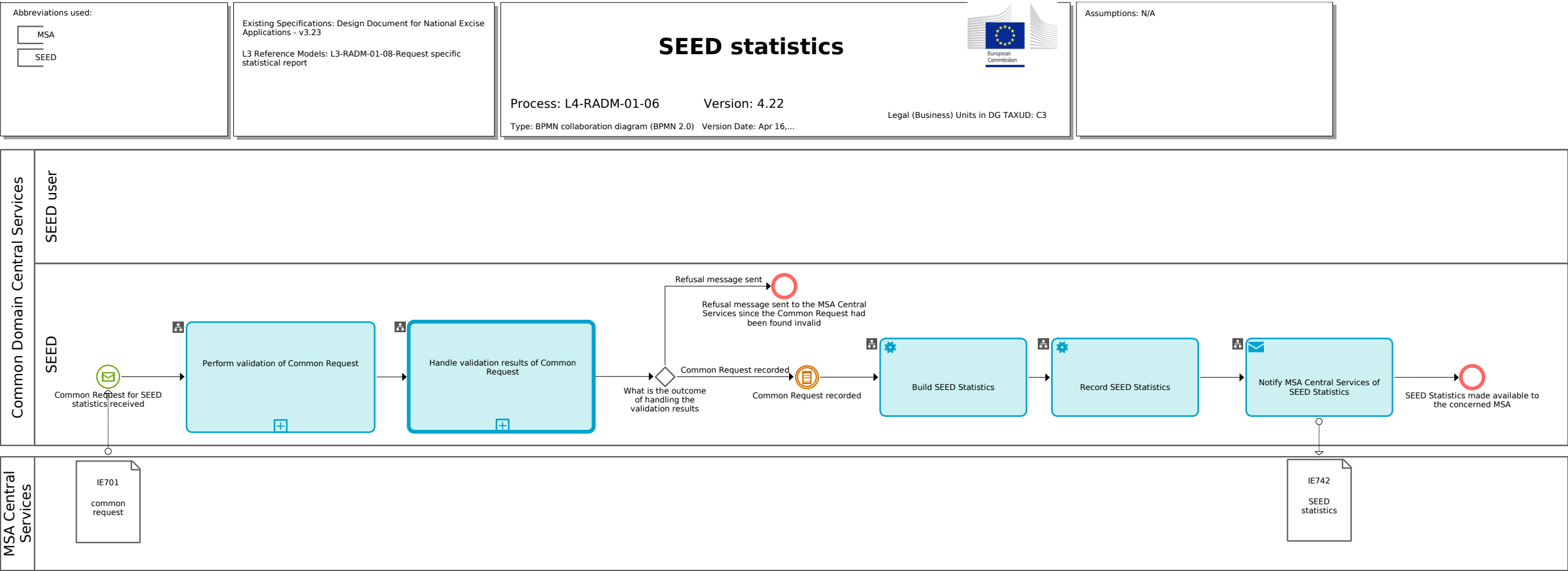
Process L4-RADM-01-03-Dissemination of registration data



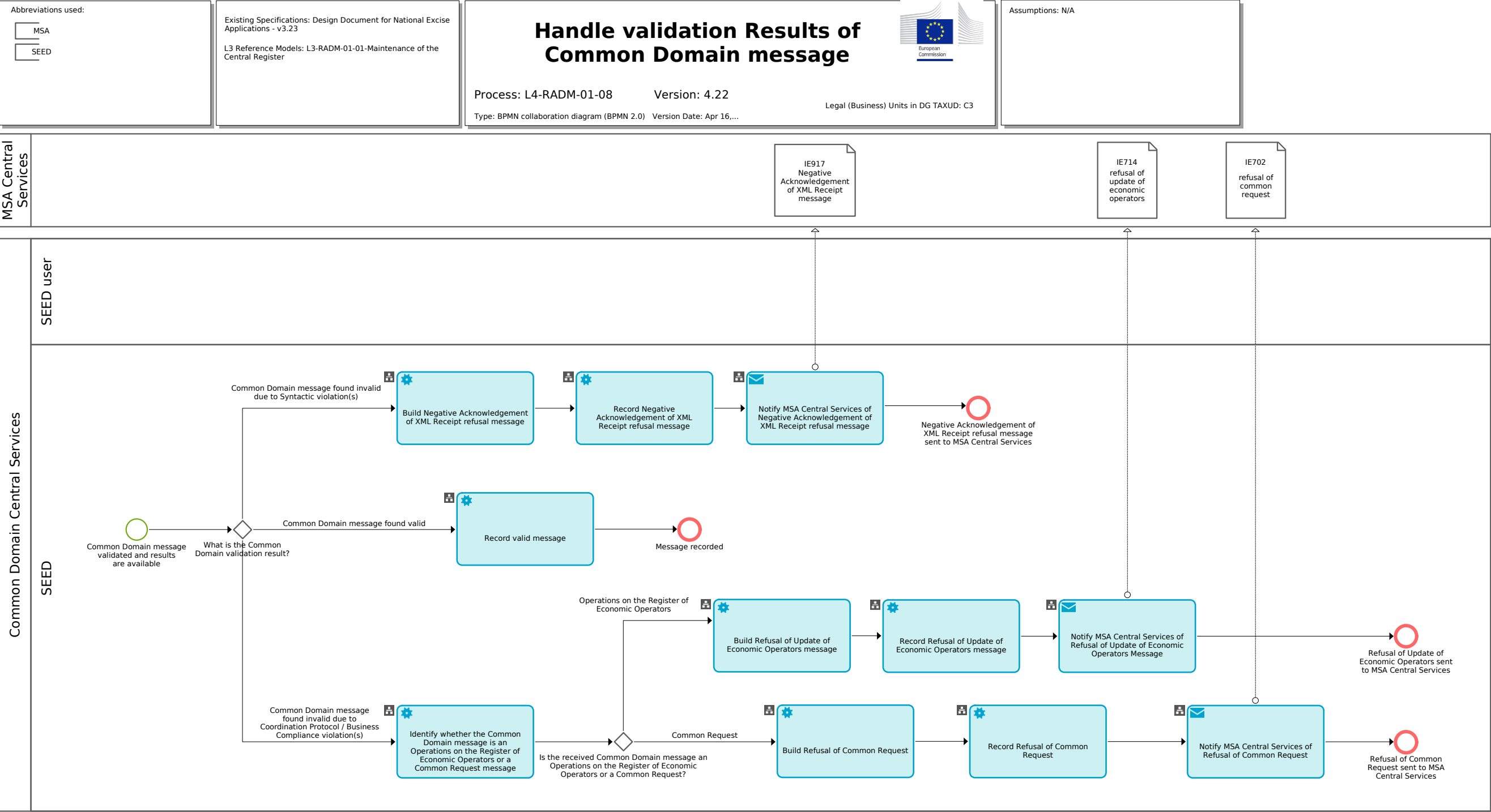
Process L4-RADM-01-05-Consultation of registration information by Economic Operators



Process L4-RADM-01-06-SEED statistics



Process L4-RADM-01-08-Handle validation Results of Common Domain message



Process L4-RADM-01-07-Perform validation of Common Domain message

Abbreviations used:

MSA

SEED


Existing Specifications: Design Document for National Excise Applications - v3.23

L3 Reference Models: L3-RADM-01-01-Maintenance of the Central Register

Perform validation of Common Domain message

Process: L4-RADM-01-07 Version: 4.22

Type: BPMN process diagram (BPMN 2.0) Version Date: Apr 16,...



Legal (Business) Units in DG TAXUD: C3

Assumptions: N/A

