TEST CASE – D2 AMENDMENT

Version: 1.1
Author: Alexander Vejling Sennefelder

netcompany

Document history

Version	Date	Author	Status	Comments
0.1	14-03-2023	Alexander Vejling Sennefelder	Draft	Original Draft
1.0	17-03-2023	Lukas Martin Wick	Finalized	Reviewed and finalized
1.1	11-05-2023	Alexander Vejling Sennefelder	Updated	Updates test scenarios and test case steps

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1 Pre-conditions

To complete the functional test case for "D2 Amendment", the company must have an established connection to the AS4-gateway, and have a functioning system user to DMS Export, see Connectivity Guide & System Guide.

Furthermore, ensure that you for this test case have the correct URLs, Services, and Actions, as seen below. In place of {CVR} and {UID}, fill out your own CVR and UID in the URLs below. While the URLs and Services are the same for all the test cases, the Actions however, will change depending on the test case you are performing, please keep an eye out that you have the correct Action for the test case in hand.

To submit the XML for this test case, use the following endpoint:

URL	UFE Service	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Transit2	DMS.Transit	Declaration.Submit

For retrieving the notification, use the following endpoint:

URL	UFE Service	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Transit2	DMS.Transit	Notification

Please ensure that the "**Test Case – D2 Standard**" have been completed **before** you try to complete the **"Test Case – D2 Amendment"** scenarios.

1.1 Authorisation

To be able to complete the test cases using the provided guarantees of type 0 and 1 for the test case the authorisation **C505 (CGU - Comprehensive Guarantee)** is required. This is a Comprehensive Guarantee customs **transit** including possible reduction or exemption. Application and authorization for the provision of a comprehensive guarantee, including possible reduction or waiver (Column 4a, Annex A of Delegated Regulation (EU) 2015/2446).

If you lack this authorization, you can use guarantees of type 2 which are single use and have a predefined office of departure and destination. Please reach out to us on Toolkit so we can create test guarantees of this type for you.

1.2 Process flow

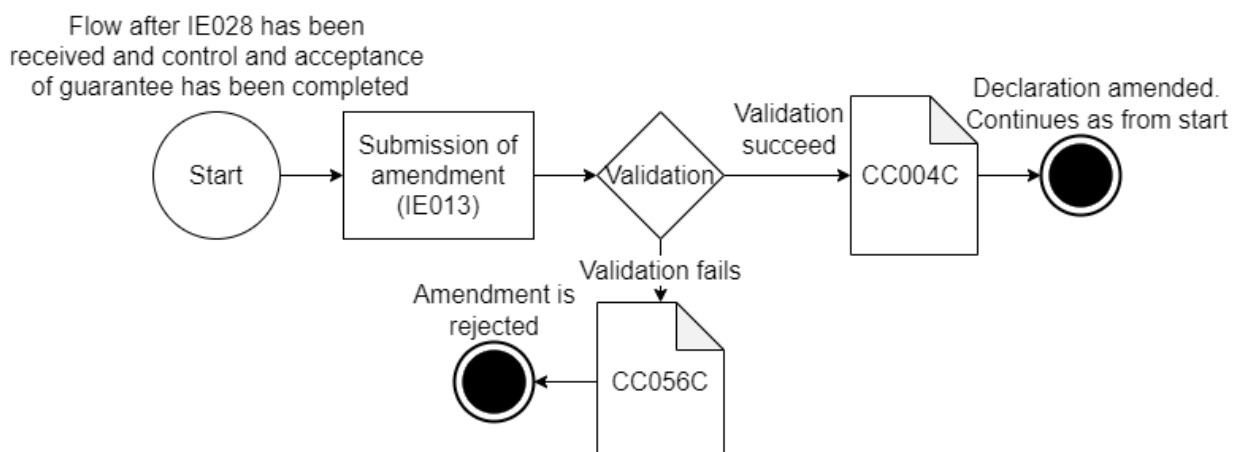The process flow for a D2 Amendment declaration can be seen in Figure 1 below:

Figure 1 – Process flow for D2 Amendment

2 Test Scenarios

To complete this test case, test scenario 1 and 2 must be passed successfully. Descriptions and specifics for each test can be found in the coming sections. Be sure to go through the scenarios thoroughly. It is recommended that you use the attached files to test the notifications.

Test no.	Test scenario	Passed/Failed
1	Submit D2 – Amendment declaration, which is accepted	☐
2	Submit D2 – Amendment declaration, which is rejected	☐

2.1 Description of test scenarios

The following sections will describe the aim of each specific scenario and provide the desired results of the test scenarios.

The purpose of the test scenarios is to ensure your connection to the system, and that you as a company can receive the correct notifications when sending in XMLs. Each step describes what you need to do when going through the test case. An XML for the declaration and amendment is made available in the same folder where you found this test case document. This can be changed according to the test scenario. We recommend using the prepared XML(s) for this test case.

2.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the D2 Standard XML has been accepted.

The following table shows the necessary test steps for completing this scenario as well as expected results. For the first step it is recommended using the provided declaration XML found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the following fields are correctly filled with the information of your own company: **messageSender** (CVR), **LRN** (12 09 000 000), a unique identification number, **HolderOfTheTransitProcedure** (13 07 000 000) (EORI-number), **Consignor.identificationNumber** (13 02 017 000) (EORI-number), **Guarante: guaranteeType** (99 02 001 000), **GRN (**99 03 069 000) and **accessCode** (99 03 070 000), use the provided test guarantees. You should use the test guarantee provided in the welcome letter. If you don't have an authorisation C505 CGU - Comprehensive guarantee to use a guarantee of type 0, and 1, please reach out to us on toolkit so that we can create guarantees of type 2 for you. Furthermore, you should reference your company's authorisation of type C505 (CGU) in the field **Authorisation.referenceNumber** (12 12 001 000).

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case – D2 Standard Acceptance" XML found in the test case folder (remember to replace the fields containing placeholders **{{ }}** and make sure **messageSender, LRN, HolderOfTheTransitProcedure, Consignor.identificationNumber, Guarantee, Authorisation.referenceNumber** are correct for your company.	You should have the test **XML** ready for the next step	☐
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
3	Pull the notifications	You should be able to pull notifications from the system	☐
4	Acceptance of submission of D2 declaration by receiving the **CC028C**	Receive MRN notification	☐
5	A control task should be performed by a customs officer Guarantee then needs to be accepted by a customs officer	Control and Guarantee is accepted	☐
6	Use the provided "Test Case – D2 Amendment" XML found in the test case folder (remember to replace the fields containing placeholders **{{ }} (CVR, MRN, HolderOfTheTransitProcedure).** Make sure the MRN corresponds to the MRN you received for the D2 standard declaration sent in in step 1. Check the XML with information from section 2.2.1 with the valid data ensure acceptance	**sequenceNumber** element should resemble section 2.2.1	☐
7	Send a IE013 (Amendment) XML	The amendment should be accepted	☐
8	Pull notifications	You should receive CC004C	☐
9	Receival of CC004C indicates a completion of the test case. After this, a customs officer will have to process the declaration to get the declaration to a "Movement Released" state	Test case is complete	☐

2.2.1 XML example

Ensure that the following XML examples matches what is in your XML for this test to work.

```xml
<SupportingDocument>
 <sequenceNumber>1</sequenceNumber>
 …
</SupportingDocument>
```

2.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the D2 Standard XML has been rejected.

The following table shows the necessary test steps for completing this scenario as well as expected results. For the first step it is recommended using the provided declaration XML found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the following fields are correctly filled with the information of your own company: **messageSender** (CVR)**, LRN** (12 09 000 000), a unique identification number, **HolderOfTheTransitProcedure (**13 07 000 000) **(EORI-number)**, **Consignor.identificationNumber** (13 02 017 000) (EORI-number)**, Guarante: guaranteeType** (99 02 001 000), **GRN (**99 03 069 000) and **accessCode** (99 03 070 000), use the provided test guarantees. You should use the test guarantee provided in the welcome letter. If you don't have an authorisation C505 CGU - Comprehensive guarantee to use a guarantee of type 0, and 1, please reach out to us on toolkit so that we can create guarantees of type 2 for you. Furthermore, you should reference your company's authorisation of type C505 (CGU) in the field **Authorisation.referenceNumber** (12 12 001 000).

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case – IE015 Standard Acceptance" XML found in the test case folder (remember to replace the fields containing placeholders **{{ }}** and make sure **messageSender, LRN, HolderOfTheTransitProcedure, Consignor.identificationNumber, Guarantee, Authorisation.referenceNumber** are correct for your company.	You should have the test **XML** ready for the next step	☐
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
3	Pull the notifications	You should be able to pull notifications from the system	☐
4	Acceptance of submission of D2 declaration by receiving the **CC028C**	Receive MRN notification	☐
5	A control task should be performed by a customs officer Guarantee then needs to be accepted by a customs officer	Control and Guarantee is accepted	☐
6	Use the provided "Test Case – D2 Amendment" XML found in the test case folder (remember to replace the fields containing placeholders **{{ }} (CVR, MRN, HolderOfTheTransitProcedure).** Make sure the MRN corresponds to the MRN you received for the D2 standard declaration sent in in step 1. Check the XML with information from section 2.2.1 with the valid data ensure acceptance	**sequenceNumber** element should resemble section 2.2.1	☐
7	Use the provided "Test Case – IE015 Standard Acceptance" XML found in the test case folder (remember to replace the fields containing placeholders **{{ }}** and make sure **messageSender, LRN, HolderOfTheTransitProcedure, Consignor.identificationNumber, Guarantee, Authorisation.referenceNumber** are correct for your company.	You should have a template **XML** ready for the next step	☐
8	Pull notifications	You should receive **CC056C**	☐

| 9 | Receival of **CC056C** indicates a completion of the test case. | Test case is complete | ☐ |

2.3.1 XML example

Ensure that the following XML examples matches what is in your XML for this test to work.

```
<SupportingDocument>
  <sequenceNumber>25</sequenceNumber>
  …
</SupportingDocument>
```