TEST CASE – B2 INVALIDATION

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Document history

Version	Date	Author	Status	Comments
0.1	02-11-2022	Alexander Vejling Sennefelder	Original Draft	Document might be subject to change
0.2	03-11-2022	Ida Mørck Jørgensen	Review	Improved
1.0	11-11-2022	Jesper Sture Bergendorff	Finished	Reviewed and finalized
1.1	06-02-2023	Lukas Martin Wick	Updates	Updated
1.2	10-05-2023	Alexander Vejling Sennefelder	Updated	Updated test scenario test case steps and added authorisation text under section 2, updated AdmissionUseProcessingAuthorisation XML example
1.3	15-08-2023	Alexander Tholle	Updated	Updated process flowchart and added information in test description
1.4	30-08-2023	Alexander Tholle	Updated	Updated flowchart to support clarification regarding denial of Customs Position ends in CWMREQ, not CWMREJ.

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1   Pre-conditions

To complete the functional test case for "B2 Invalidation", 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 in the table below. In place of {CVR} and {UID}, fill out your own CVR and UID in the URLs. 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 endpoints:

URL	UFE Service	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Declaration.Submit
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Declaration.Invalidate

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.Export2	DMS.Export	Notification

Please ensure that the "**Test Case – B2 Standard**" have been completed **before** you try to complete the **"Test Case – B2 Invalidation"** scenarios.

Note that the Authorisation for regular use requires a pre-existing Authorisation.

1.1   Process flow

The process flow for a B2 standard declaration with an invalidation request can be seen in Figure 1 below:
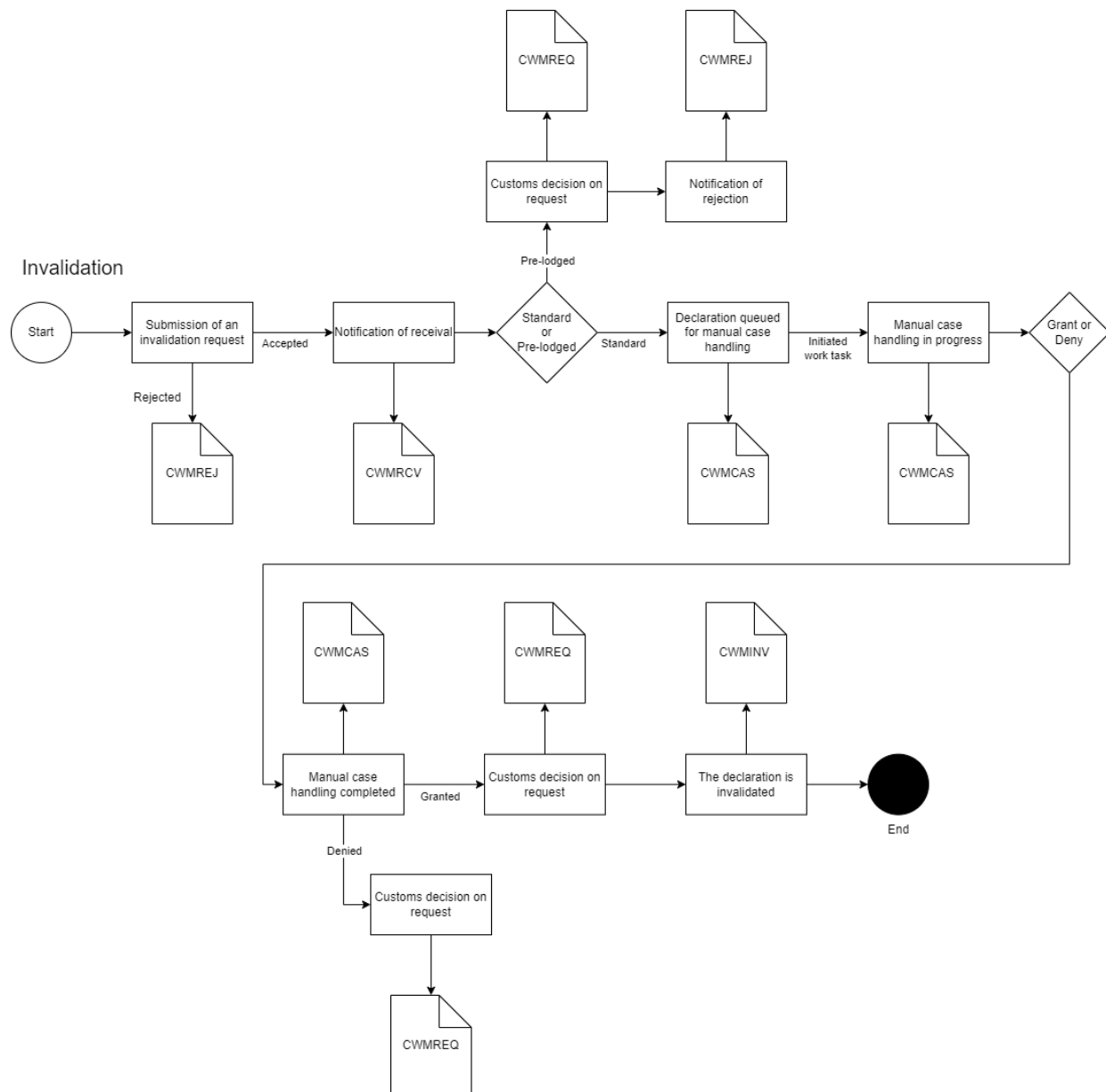

Figure 1 – Process flow for an invalidation

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 B2 – Invalidation, which is accepted	☐
2	Submit B2 – Invalidation, 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. For each case there will be an XML available in the same folder where you found this test case document. An XML for the standard declaration using Authorisation for regular use and an Authorisation Application made available in the same folder where you found this test case document. This can be changed according to the test scenario.

As shown in the test scenarios on the table shown in section 2, there are two scenarios for a B2 declaration acceptance. For both scenarios you will need a specific type of authorisation within your company. I.e., if this type of procedure does not apply to your company, you don't need to complete this test case document. When doing B2 with regular use, you will need to use the 8b OPO authorization "C019", as you can see in the XML in the scenario. For B2 with occasional use, you can use what is called an 8f temporary admission application as seen in the element AdmissionsUseProcessingAuthorisation.

Since this is a functional test case, it does not complete the declaration flow fully. To test a complete flow, please refer to the test case "TEST CASE – B1 WITH IE507 AND IE590" in the Test cases\Test Cases IE messages\Test Case - IE507 Arrival At Exit folder on the dms-public repo.

2.2   Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the B2 Invalidation 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 **Submitter** field is correct (this is done by putting your CVR in the **Submitter/Name** and **Submitter/ID** fields) in the B2 Standard XML. You should also make sure that the **Amendment** field is filled with a valid **ChangeReasonCode** and a **ChangeReasonText** of at least 10 characters, as described in step no. 5.

Step no.	Description of steps	Expected result	Passed
1	Submit a **B2 Standard Acceptance XML**. It is found in folder where you found this test case document folder (remember to replace the **{{LRN}}** and **{{CVR}}** placeholders)	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 the notifications from the system	☐
4	Acceptance of submission of declaration	Receive the **CWMACC** etc. notifications	☐
5	Use the **B2 Invalidation Acceptance XML** found in the test case folder (remember to replace the **{{LRN}}**, **{{CVR}}** and **{{MRN}}** placeholders – {{LRN}} and {{MRN}} should match the MRN and LRN from the initially submitted **B2 declaration**).	Find the **B2 Invalidation Acceptance XML** in the amendment test case folder	☐
6	Adapt the **B1 Invalidation XML** so that the **Amendment** field is filled in as shown in section [2.2.1](#)	Adapt the **B2 Invalidation Acceptance XML** in the amendment test case folder	☐
7	Submit the XML	The **B2 Invalidation XML** should be sent to the system	☐
8	Pull the notifications	You should be able to pull notifications from the system	☐
9	Successful validation of submission of invalidation request by receiving the **CWMRCV** and **CWMCAS** notifications	You should receive the **CWMRCV** and **CWMCAS** notifications	☐
10	After receiving the **CWMCAS**, read the **AdditionalInformation** field regarding the status.	You should find a **StatementCode** field with the number **41** (CWMCAS Queued). Then in the **StatementDescription** field	☐

		there should be an explanation	
11	When the queued request is being handled receive another **CWMCAS** and once the request is completed, receive the final **CWMCAS,** both notification with changes to **AdditionalInformation**.	Two notifications with **StatementCode** field **42** (CWMCAS in progress) and **43** (CWMCAS Completed)	☐
12	Acceptance of submission of invalidation request by receiving the **CWMREQ** and **CWMINV** notifications	Receive notifications **CWMREQ** and **CWMINV** and pass the test	☐

2.2.1 XML example

```
<ns3:Amendment>
        <ns3:SequenceNumeric>1</ns3:SequenceNumeric>
        <ns3:ChangeReasonCode>22</ns3:ChangeReasonCode>
        <ns3:ChangeReasonCode>Goods have been returned to supplier</ns3:ChangeReasonCode>
</ns3:Amendment>
```

2.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the B2 Invalidation XML has been rejected.

The following table shows the test steps necessary to complete this scenario as well as expected results. For the first step it is recommended adapting the provided declaration **XML** found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the **Submitter** field is correct (this is done by putting your CVR in the **Submitter/Name** and **Submitter/ID** fields) in the B2 Standard XML. In this case we will fill in invalid data end the **Amendment** field with a valid **ChangeReasonCode** but a **ChangeReasonText** of less than 10 characters, as described in step no. 5.

Step no.	Description of steps	Expected result	Passed
1	Submit a B2 Standard Acceptance XML. It is found in folder where you found this test case document folder (remember to replace the **{{LRN}}** and **{{CVR}}** placeholders)	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 the notifications from the system	☐
4	Acceptance of submission of declaration	Receive the **CWMACC** etc. notifications	☐
5	Use your own invalidation XML or the **B2 Invalidation Acceptance XML** found in the test case folder (remember to replace the **{{LRN}}** and **{{CVR}}** placeholders).	Find the **B2 Invalidation Acceptance XML** in the amendment test case folder	☐
6	Adapt the **B2 Invalidation XML** so that the **Amendment** field is filled in as shown in section 2.3.1	Adapt the **B2 Invalidation Acceptance XML** in the amendment test case folder	☐
7	Submit the XML	The **B2 Invalidation XML** should be sent to the system	☐
8	Pull the notifications	You should be able to pull notifications from the system	☐
9	Rejection of submission of invalidation request by receiving the **CWMREJ** notification	Receive notification **CWMREJ** and pass the scenario	☐

2.3.1 XML example

```xml
<ns3:Amendment>
        <ns3:SequenceNumeric>1</ns3: SequenceNumeric >
        <ns3:ChangeReasonCode>22</ns3:ChangeReasonCode>
        <ns3:ChangeReasonCode>Invalid</ns3:ChangeReasonCode>
</ns3:Amendment>
```