

# TEST CASE – H3 INVALIDATION

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Document history

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# 1 Pre-conditions

To complete the functional test case for “H3 Invalidation”, the company must have an established connection to the AS4-gateway, and have a functioning system user to DMS Import, 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 {UUID}, fill out your own CVR and UUID 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
<a href="https://secureftpgatewaytest.skat.dk/6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk/6384/exchange/CVR_{CVR}_UI_{UUID}</a>	DMS.Import4		Declaration.Submit

For retrieving the notification, use the following endpoint:

URL	UFE Service	TFE Service	Action
<a href="https://secureftpgatewaytest.skat.dk/6384/exchange/CVR_{CVR}_UI_{UUID}">https://secureftpgatewaytest.skat.dk/6384/exchange/CVR_{CVR}_UI_{UUID}</a>	DMS.Import4		Notification

## 2 Process flow

The process flow for a H3 Invalidation declaration can be seen in Figure 1 below:

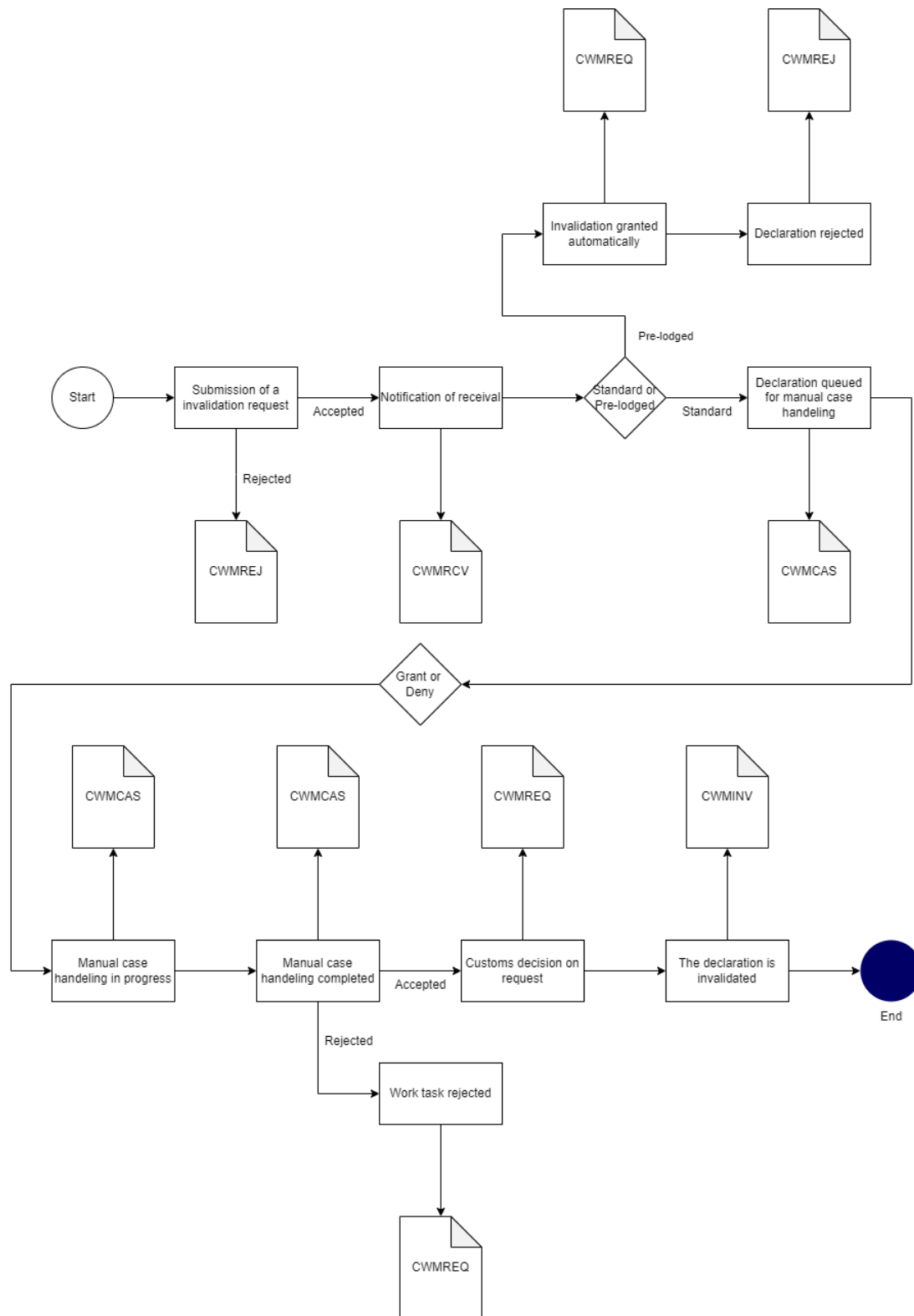


Figure 1: process flow for H3 Invalidation declaration.

## 3 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 H3 – Invalidation declaration, which is accepted	<input type="checkbox"/>
2	Submit H3 – Invalidation declaration, which is rejected	<input type="checkbox"/>

### 3.1 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 standard declaration is made available in the same folder where you found this test case document. This can be changed according to the test scenario.

## 3.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the H3 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** and **MRN** is unique, and that the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields). You should also make sure that the **Amendment** field is filled with a valid **ChangeReasonCode** and a **ChangeReasonText** of at least 10 characters. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Submit a <b>H3 Standard XML</b> . It is found within the H3 Standard folder that is found in the parent directory at H3 Test Cases (remember to replace the placeholders)	You should have the test <b>XML</b> ready for the next step	<input type="checkbox"/>
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
3	Pull the notifications	You should be able to pull the notification from the system	<input type="checkbox"/>
4	Acceptance of submission of declaration	Receive the <b>CWMACC</b> notifications	<input type="checkbox"/>
5	Use the <b>H3 Invalidation XML</b> found in the test case folder (remember to replace the placeholders). Make sure that the <b>Amendment</b> field is filled in as shown in section 3.2.1	Find the <b>H3 Invalidation XML</b> in the H3 Invalidation test case folder	<input type="checkbox"/>
6	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
7	Pull the notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
8	Successful validation of submission of invalidation request by receiving the <b>CWMRCV</b> and <b>CWMCAS</b> notifications.	You should receive the <b>CWMRCV</b> and <b>CWMCAS</b> notifications	<input type="checkbox"/>
9	After having received the <b>CWMCAS</b> , read the <b>AdditionalInformation</b> field regarding the status. This notification informs you of a manual acceptance work task being created.	You should find a <b>StatementCode</b> field with the number <b>41</b> (CWMCAS Queued). Then in the <b>StatementDescription</b> field there should be an explanation	<input type="checkbox"/>
10	When the queued request is being handled receive another <b>CWMCAS</b> and once the request is completed, receive the final <b>CWMCAS</b> , both notification with changes to <b>AdditionalInformation</b> . This informs you that the worktask is completed.  A manual work task needs to be manually approved by a customs official. Until a customs official has manually processed your declaration, you	Two notifications with <b>StatementCode</b> field <b>42</b> (CWMCAS in progress) and <b>43</b> (CWMCAS Completed)	<input type="checkbox"/>

	won't receive any further notifications. As such, the declaration may remain on step 9 for some time if so, pull the notification again to get these notifications.		
11	Acceptance of submission of invalidation request by receiving the <b>CWMREQ</b> and <b>CWMINV</b> notifications	Receive notifications <b>CWMREQ</b> and <b>CWMINV</b> to pass the test	<input type="checkbox"/>

### 3.2.1 XML example

```

<ns2:Amendment>
  <ns2:SequenceNumeric>1</ns3:SequenceNumeric>
  <ns2:ChangeReasonCode>22</ns3:ChangeReasonCode>
  <ns2:ChangeReasonText>Goods have been returned to supplier</ns3:ChangeReasonText>
</ns2:Amendment>

```

### 3.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the H3 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** and **MRN** is unique, and that the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields). You should also make sure that the **Amendment** field is filled with a valid **ChangeReasonCode** and a **ChangeReasonText** of at least 10 characters.

Step no.	Description of steps	Expected result	Passed
1	Submit a <b>H3 Standard XML</b> . It is found within the H3 Standard folder that is found in the parent directory at H3 Test Cases (remember to replace the placeholders)	You should have the test <b>XML</b> ready for the next step	<input type="checkbox"/>
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
3	Pull the notifications	You should be able to pull the notification from the system	<input type="checkbox"/>
4	Acceptance of submission of declaration	Receive the <b>CWMACC</b> notifications	<input type="checkbox"/>
5	Use the <b>H3 Invalidation XML</b> found in the test case folder (remember to replace the placeholders – {{LRN}} and {{MRN}} should match the <b>MRN</b> and <b>LRN</b> from the initially submitted H3 declaration)	Find the <b>H3 Invalidation XML</b> in the H3 Invalidation test case folder	<input type="checkbox"/>
6	Adapt the <b>H3 Invalidation XML</b> so that the <b>Amendment</b> field is filled in as shown in section 3.3.1	Adapt the <b>H3 Invalidation XML</b> in the H3 Invalidation test case folder	<input type="checkbox"/>
7	Submit the XML	The declaration should be sent to the system	<input type="checkbox"/>
8	Pull the notifications	The <b>H3 Invalidation XML</b> should be sent to the system	<input type="checkbox"/>
9	Rejection of submission of invalidation request by receiving the <b>CWMREJ</b> notification	Receive notification <b>CWMREJ</b> and pass the scenario	<input type="checkbox"/>

#### 3.3.1 XML example

```
<ns2:Amendment>
  <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
  <ns2:ChangeReasonCode>22</ns2:ChangeReasonCode>
  <ns2:ChangeReasonText>Invalid</ns2:ChangeReasonText>
</ns2:Amendment>
```