**«Case\_CustomerName» – «Case\_CaseLinkTitle»**

**Test Case – C1 Invalidation**

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| --- | --- |
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**Document history**

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**References**

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| Reference | Title | Author |
|  |  |  |

Table of contents

[1 Description 3](#_Toc115610263)

[1.1 Test scenario 1 – C1 Acceptance 3](#_Toc115610264)

[1.1.1 XML example 3](#_Toc115610265)

[1.2 Test scenario 2 – C1 Rejection 4](#_Toc115610266)

[1.2.1 XML example 4](#_Toc115610267)

# Preconditions

To complete the functional test case for “C1 Invalidation XML”, the company must have an established connection to the AS4 Gateway, functioning system user to DMS Export, see [Connectivity Guide&System Guide](https://github.com/skat/dms-public-private/tree/master/Onboarding%20Documents).

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

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.Export2 | DMS.Export | Declaration.Invalidation |

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 – C1 Standard**” have been completed **before** you try to complete the **“Test Case – C1 Invalidation”** scenarios.

## Process flow

The process flow for a C1 standard declaration can be seen in Figure 1 below:

\*Insert process flow\*

# 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 C1 – Invalidation, which is accepted | ☐ |
| 2 | Submit C1 – Invalidation, which is rejected | ☐ |

## Description of test scenarios

The following sections will describe the aim of each specific scenario and provide the desired result of that test. It is worth noting that there can be changes in the notifications provided by DMS Export as the solution is still in development.

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 XML's. Each step describes what you need to do to go through the test case. For each case there will be an XML available in the same folder where you found this test case document.

Invalidation can happen throughout the process of sending in a C1 XML, unless it has been rejected. However, for the purpose of these scenarios we will do it before pulling notifications for acceptance as with the other test cases.

## Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the C1 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. Then go to the “**GoodsLocation**” (16 15 000 000) element in the XML and ensure that it is as described in step no. 2.

|  |  |  |  |
| --- | --- | --- | --- |
| Step no. | Description of steps | Expected result | Passed |
| 1 | Fill out a C1 XML or use the provided C1 XML found in the test case folder (remember to fill out the **LRN** and **Submitter** fields) | Should have a template **XML** ready for the next step | ☐ |
| 2 | Enter information from section [2.2.1](#_XML_example_2) with the valid data in the element **GoodsLocation** (16 15 000 000)to ensure acceptance | **GoodsLocation** (16 15 000 000) element should resemble section [2.2.1](#_XML_example_2) | ☐ |
| 3 | Submit the declaration using the conditions found under Preconditions | The declaration should be sent to the system | ☐ |
| 4 | Send in an **Invalidation Request XML**, it can be found in the same folder as this test case. | The **Invalidation Request** should be sent to the system | ☐ |
| 5 | Pull the notification | You should be able to pull notification from the system | ☐ |
| 6 | Acceptance of submission by receiving the **CWMINV** notification | Receive notification **CWMINV** and pass the scenario | ☐ |

### XML example

<ns3:GoodsLocation>

        <ns3:Name>DKFDH-0003</ns3:Name>

        <ns3:TypeCode>A</ns3:TypeCode>

        <ns3:IdentificationType>U</ns3:IdentificationType>

</ns3:GoodsLocation>

## Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the C1 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 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. Then go to the “**GoodsLocation**” (16 15 000 000) element in the XML and ensure that it is as described in step no. 2.

|  |  |  |  |
| --- | --- | --- | --- |
| Step no. | Description of steps | Expected result | Passed |
| 1 | Fill out a C1 XML or use the provided C1 XML found in the test case folder (remember to fill out the **LRN** and Submitter fields) | Should have a template **XML** ready for the next step | ☐ |
| 2 | Enter information from section [2.3.1](#_XML_example_3) with the invalid data in the element **GoodsLocation** (16 15 000 000) to ensure rejection | **GoodsLocation** (16 15 000 000) element should resemble section [2.3.1](#_XML_example_3) | ☐ |
| 3 | Submit the declaration using the conditions found under Preconditions | The declaration should be sent to the system | ☐ |
| 4 | Send in an Invalidation Request XML, it can be found in the same folder as this test case. | The Invalidation Request should be sent to the system | ☐ |
| 5 | Pull the notification | You should be able to pull notification from the system | ☐ |
| 6 | Acceptance of submission by receiving the **CWMREJ** notification | Receive notification **CWMREJ** and pass the scenario | ☐ |

### XML example

<ns3:GoodsLocation>

…

        <ns3:Name>Name</ns3:Name>

        <ns3:TypeCode>A</ns3:TypeCode>

        <ns3:IdentificationType>Z</ns3:IdentificationType>

…

</ns3:GoodsLocation>