**Test case – C1 Correction**

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| --- | --- |
| **Version:** | 0.1 |
| **Status:** | 01 - Planned |
| **Approver:** | [Approver name] |
| **Author:** | Alexander Vejling Sennefelder |



**Document history**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Status** | **Comments** |
| 0.1 | 10-10-2022 | Alexander Vejling Sennefelder | Draft | Original Draft |
| 0.2 | 11-10-2022 | Alexander Vejling Sennefelder | Draft | Improved |
| 0.3 | 11-10-2022 | Tobias Heide Kaihøj | Review | Comments and grammatical |
| 1.0 |  | Alexander Vejling Sennefelder | Done |  |

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# Preconditions

To complete the functional test case for “C1 Correction XML”, the company must have an established connection to the AS4 Gateway, functioning system user to DMS Export, see [Connectivity Guide](https://github.com/skat/dms-public-private/tree/master/Onboarding%20Documents)[&](https://github.com/skat/dms-public-private/tree/master/Onboarding%20Documents)[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}**](https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_%7BCVR%7D_UID_%7BUID%7D) | DMS.Export2 | DMS.Export | Declaration.Amend |

For retrieving the notification, use the following endpoint:

|  |  |  |  |
| --- | --- | --- | --- |
| **URL** | **UFE Service** | **TFE Service** | **Action** |
| [**https://secureftpgatewaytest.skat.dk:6384/exchange/CVR\_{CVR}\_UID\_{UID}**](https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_%7BCVR%7D_UID_%7BUID%7D) | 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 Correction”** 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 – Correction XML, which is accepted | ☐ |
| **2** | Submit C1 – Correction XML, 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.

For both the Correction and Amendment test scenarios, it is important to note that System Specific Fields and Group 11 fields cannot be changed as part of the Correction or Amendment. The fields can be found in the [XML Guide.](https://github.com/skat/dms-public-private/tree/master/Onboarding%20Documents) For the Acceptance it will be an allowed field for simplicities sake. For the purpose of the rejection scenario, the **Security** (11 07 001 000) field will be used.

The difference between Correction and Amendment is that Amendment generates a manual task after initial validation.

## Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the C1 Correction 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 “**Declarant**” (**13 05 000 000**) element in the XML and ensure that it is as described in step no. 5.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step no.** | **Description of steps** | **Expected result** | **Passed** |
| **1** | Submit a C1 Standard Acceptance XML. It is found in folder where you found this test case document | The XML should be sent to the system | ☐ |
| **2** | Pull the notification | You should be able to pull the notification from the system | ☐ |
| **3** | Acceptance of submission | Receive a **CWMACC** notification | ☐ |
| **4** | Use your own or the C1 Correction Acceptance XML found in the same folder as this test case | Find the C1 Correction Acceptance XML in the correction test case folder or use your own | ☐ |
| **5** | Submit the correction XML with the information in the Declarant (13 05 000 000) element presented in section [2.2.1](#_XML_example) and make sure if you use the first example to use a registered EORI-number | The XML should be sent to the system | ☐ |
| **6** | Pull notification | You should be able to pull the notification from the system | ☐ |
| **7** | Acceptance of submission by receiving the **CWMRCV** notification | You should receive the **CWMRCV** notification | ☐ |

### XML example

 <urn:Declarant>

        <urn:ID>DK{{CVR}}</urn:ID>

 </urn:Declarant>

Or

<urn:Declarant>

        <urn:Name>Declarant name</urn:Name>

        <urn:Address>

              <urn:CityName>Copenhagen</urn:CityName>

              <urn:CountryCode>DK</urn:CountryCode>

              <urn:Line>Gadevej Allé</urn:Line>

              <urn:PostcodeID>2300</urn:PostcodeID>

              <urn:streetNumber>42</urn:streetNumber>

        </urn:Address>

 </urn:Declarant>

## Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the C1 Correction 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 “**Security**” (**11 07 001 000**) element in the XML and ensure that it is as described in step no. 2.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step no.** | **Description of steps** | **Expected result** | **Passed** |
| **1** | Submit a C1 Standard Acceptance XML. It is found in folder where you found this test case document | The XML should be sent to the system | ☐ |
| **2** | Pull the notification | You should be able to pull the notification from the system | ☐ |
| **3** | Acceptance of submission | Receive a **CWMACC** notification | ☐ |
| **4** | Use your own or the Correction Rejection XML found in the same folder as this test case. | Find the C1 Correction Rejection XML in the Correction test case folder or use your own | ☐ |
| **5** | Submit the amendment XML with the information with the invalid data in the element **Security** (11 07 001 000) as shown in section [2.3.1](#_XML_example_1), to ensure rejection of the XML | **Security** (**11 07 001 000**) element should resemble section [2.3.1](#_XML_example_1) | ☐ |
| **6** | Pull the notification | You should be able to pull notification from the system | ☐ |
| **7** | Rejection of a submission by receiving the **CWMREJ** notification | Receive notification **CWMREJ** and pass the test | ☐ |

### XML example

<ns3:SecurityCode>8</ns3:SecurityCode>