TEST CASE – TRIGGERING CONTROL

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Document history

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1 Pre-conditions

To complete the functional test case for "Triggering Control", 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.Export2	DMS.Export	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.Export2	DMS.Export	Notification

1.1 Process flow

The process flow for a B1 standard declaration with control can be seen in Figure 1-1 below:

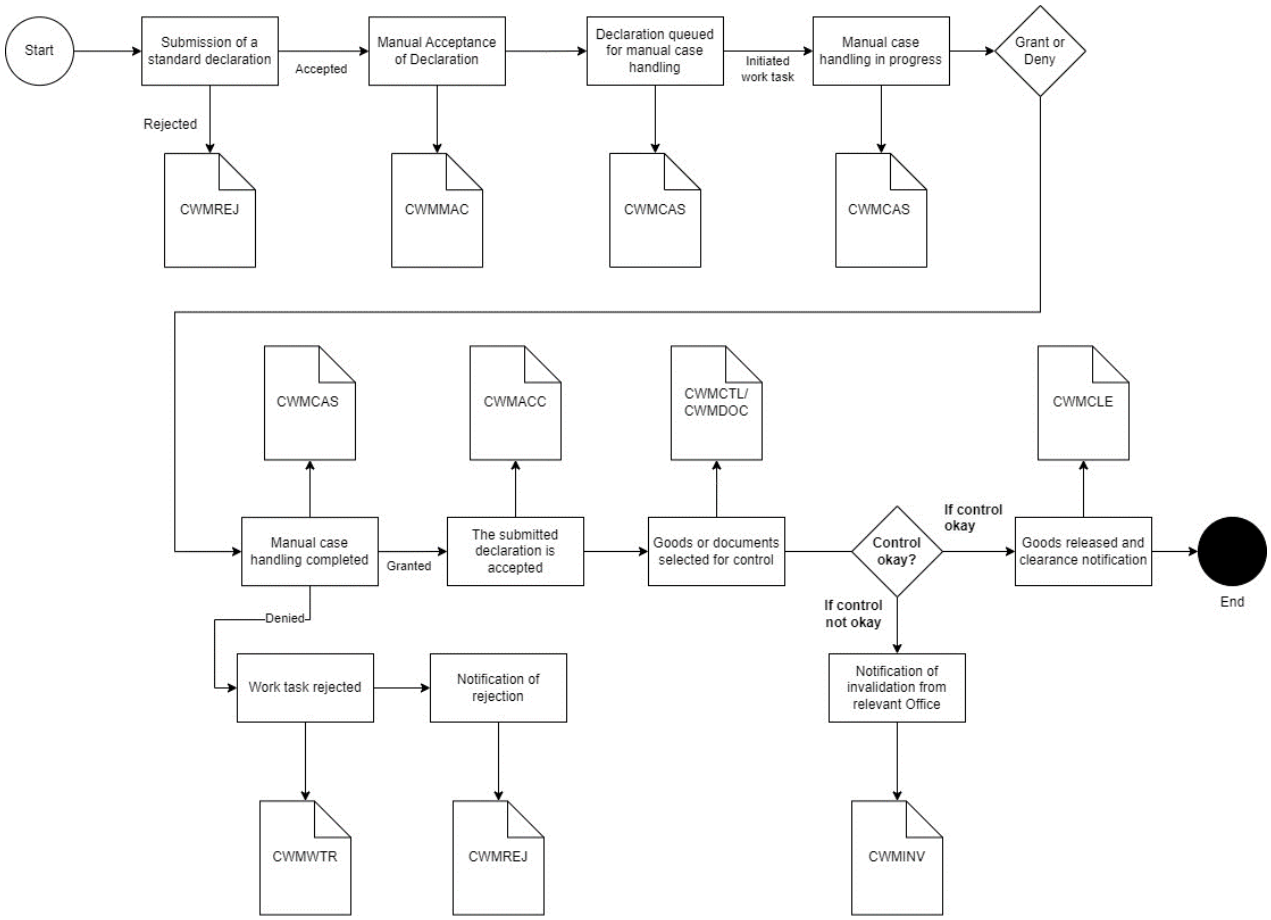

Figure 1-1 - B1 with control flowchart

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 B1 – Standard declaration, which triggers a CWMCTL (physical control) notification	☐
2	Submit B1 – Standard declaration, which triggers a CWMDOC (document control) notification	☐

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. XML files for the two B1 control declarations, one for CWMCTL and one for CWMDOC, are made available in the same folder where you found this test case document. This can be changed according to the test scenario.

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 – Triggering physical control (CWMCTL)

The aim of this scenario is to get the CWMCTL notification for a B1 declaration.

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).

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case - B1 physical control" XML found in the test case folder (remember to replace the **{{LRN}}** and **{{CVR}}** placeholders)	You should have the test **XML** ready for the next step	☐
2	Enter the relevant data from section 2.2.1 in the element **Description** (18 05 001 000) to ensure acceptance	**Description** (18 05 001 000) element should include data from section 2.2.1	☐
3	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
4	Pull the notifications	You should be able to pull notifications from the system	☐
5	Receiving the **CWMCTL** notification marks the completion of this test case	Receive **CWMCTL** notification	☐

2.2.1 How to trigger physical control in export declarations

Physical control of goods can be triggered for export declarations (B1, B2, B3, B4, C1, C2EIDR) on the test environment (TFE) by setting the Description (18 05 001 000) element of a particular GoodsItem to certain values. The following control categories are possible to trigger:

1) Control
2) Control with minor discrepancies
3) Control with discrepancies

Furthermore, it is possible to trigger control at either the Office of Export or the Office of Exit. The following strings can be inserted into 18 05 001 000 to trigger control:

- **Office of Export**
  - **Control without discrepancies, do notify declarant, Customs Position = A1**
    - "control aeo" in GoodsItemDescription
  - **Control with minor discrepancies, do notify declarant, Customs Position = A4**
    - "control minor aeo" in GoodsItemDescription
  - **Control with discrepancies, do notify declarant, Customs Position = B1**
    - "control not okay aeo" in GoodsItemDescription
- **Office of Exit**
  - **Control without discrepancies, do notify declarant, Customs Position = A1**
    - "exitcntrl aeo" in GoodsItemDescription
  - **Control with minor discrepancies, do notify declarant, Customs Position = A4**
    - "exitcntrl minor aeo" in GoodsItemDescription
  - **Control with discrepancies, do notify declarant, Customs Position = B1**
    - "exitcntrl not okay aeo" in GoodsItemDescription
- You can combine the above examples to get your sought behavior at both **Office of Export** and **Office of Exit** in one declaration.

The ”Test Case - Triggering Control” xml as provided triggers control without discrepancies, as can be seen by the 18 05 001 000 field being set to ”control aeo”. If other flows are desired, simply change the GoodsItemDescription element in the test case XML to the desired value. Below is an XML example of what this element looks like in the default test case:

```
<ns3:Commodity>
    <ns3:Description>control aeo</ns3:Description>
    ...
    ...
</ns3:Commodity>
```

2.3 Test scenario 2 – Triggering document control (CWMDOC)

The aim of this scenario is to get the CWMDOC notification for a B1 declaration.

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).

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case - B1 document control" XML found in the test case folder (remember to replace the **{{LRN}}** and **{{CVR}}** placeholders)	You should have the test **XML** ready for the next step	☐
2	Enter the relevant data from section 2.3.1 in the element **Description** (18 05 001 000) to ensure acceptance	**Description** (18 05 001 000) element should include data from section 2.3.1	☐
3	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
4	Pull the notifications	You should be able to pull notifications from the system	☐
5	Receiving the **CWMDOC** notification marks the completion of this test case	Receive **CWMDOC** notification	☐

2.3.1 How to trigger document control in export declarations

You can use the same commands in the GoodsItemDescription as listed in section 2.2.1, but for document control to be triggered you must add the keyword "document" after the "control" keyword. As in the provided "Test Case – Triggering document control" XML test case, a standard document control notification can be triggered with the following XML:

```
<ns3:Commodity>
    <ns3:Description>control document aeo</ns3:Description>
    ...
    ...
</ns3:Commodity>
```