

TEST CASE – B1 WITH IE507, IE547, AND IE590

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Document history

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1.4	30-08-2023	Alexander Vejling Sennefelder	Updated	Added ManifestRN descriptor
1.5	10-11-2023	Alexander Tholle	Updated	Updated scenario steps, updated flow diagram and added notes regarding expected notifications for IE507.

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1 Pre-conditions

To complete the functional test case for “B1 Standard with IE507, IE547 and IE590”, 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 endpoint:

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

To submit arrival notification (IE507), manifest presentation (IE547), and exit notification (IE590), 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.ArrivalNotification
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Declaration.ManifestPresentation
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Export2	DMS.Export	Declaration.ExitNotification

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 – B1 Standard” have been completed **before** you try to complete the “Test Case – B1 Standard with IE507, IE547, and IE590” scenarios.

1.1 Process flow

The process flow for a B1 standard declaration, with a submission of an IE507, IE547 and an IE590, can be seen in Figure 1 below:

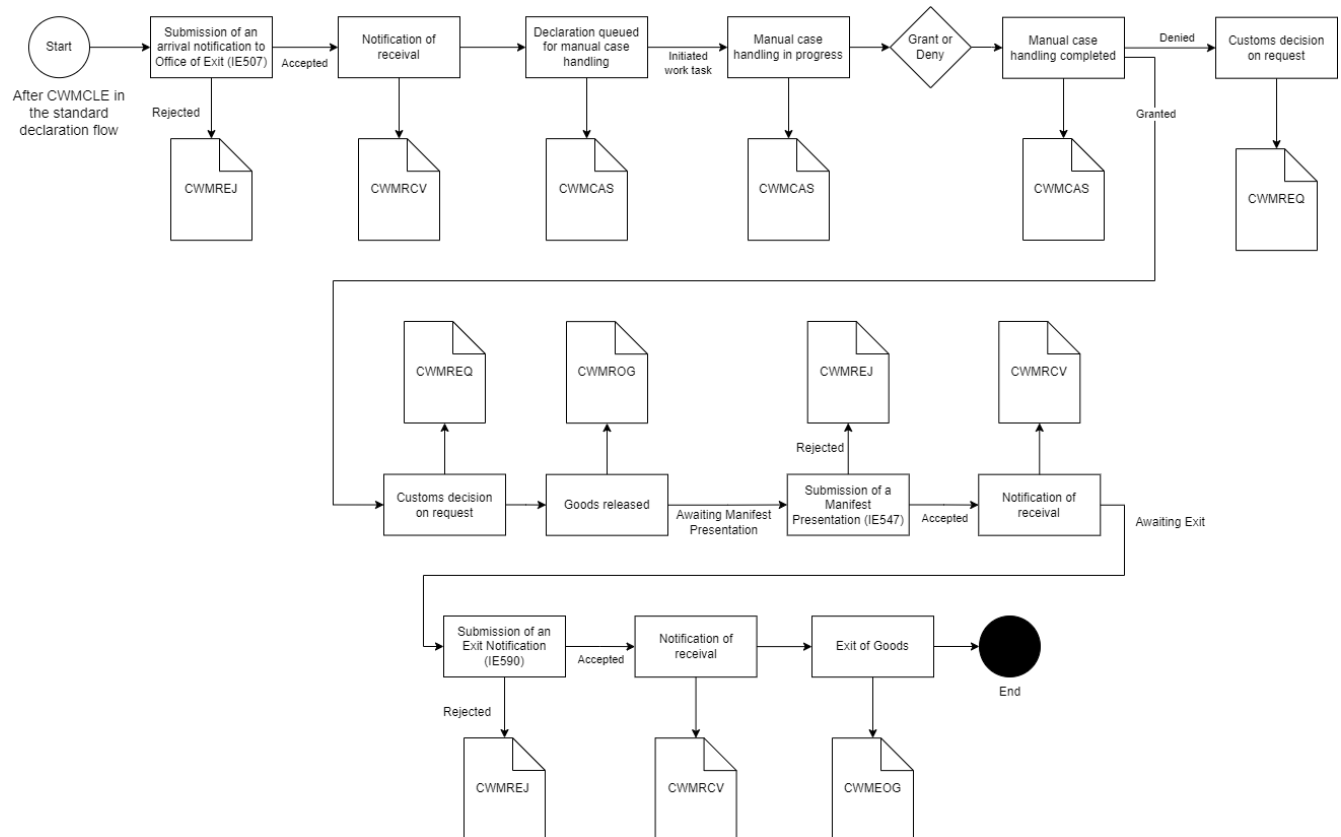


Figure 1 – Process flow for a B1 Standard declaration with IE507, IE547 and IE590

Be aware that this scenario triggers CWMCAS notifications between CWMRCV and CWMROG for the IE507 section of the flow. When the 'storingFlag' element of the IE507 is set to '1', it will always trigger the manual case handling of your storing request. This means that while a regular IE507 flow may go directly from CWMRCV to CWMROG, this scenario will not.

2 Test Scenarios

To complete this test case, test scenario 1 in the table below must be passed successfully. Descriptions and specifics for the test can be found in the coming sections. Be sure to go through the scenario 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 is accepted, along with IE507, IE547 and IE590	<input type="checkbox"/>

2.1 Description of test scenarios

The following sections will describe the aim of the scenario and provide the desired results of the test scenarios.

The purpose of the test scenarios is to ensure 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.

When running the Manifest Presentation (IE547) flow, it is important to remember the ManifestReferenceNumber element for the Manifest Presentation (IE547) message. This reference number is generated when submitting an Arrival Notification (IE507) with <storingFlag>1</storingFlag>. Lastly, before submitting an Exit Notification (IE590), remember to reuse the ManifestReferenceNumber in your Exit Notification (IE590).

2.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the B1 Standard XML has been accepted, and to subsequently send the IE messages for Arrival at Exit (IE507) followed by a Manifest presentation (IE547) and finally an Exit Notification (IE590). The following table shows the necessary test steps for completing this scenario, as well as expected results.

For the first step, it is recommended to use 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 Standard Acceptance” 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	<input type="checkbox"/>
2	Enter information from section 2.2.1 with the valid data in the element Packaging (18 06 000 000) to ensure acceptance	Packaging (18 06 000 000) element should resemble section 2.2.1	<input type="checkbox"/>
3	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	<input type="checkbox"/>
4	Pull the notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
5	Acceptance of submission of B1 declaration by receiving the CWMACC and CWMCLE notifications	Receive notifications CWMACC and CWMCLE	<input type="checkbox"/>
6	Use the provided “Test Case – IE507 Arrival notification” XML found in the test case folder (remember to replace the {{CVR}} and {{MRN}} placeholders – {{MRN}} should match the MRN and LRN from the initially submitted B1 declaration) The field storingFlag should contain the value 1! See section 2.2.1	You should have the IE507 test XML ready for the next step	<input type="checkbox"/>
7	Submit an Arrival at Exit (IE507) message	The IE507 should be sent to the system	<input type="checkbox"/>
8	Pull notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
9	Receive CWMRCV and CWMCAS indicating that the declaration is queued for manual case handling	Should receive CWMRCV and CWMCAS notification. In the StatementCode field the number should be 41 (Queued).	<input type="checkbox"/>
10	Await case handling completion.	CWMCAS should be processed	<input type="checkbox"/>

11	Receive two CWMCAS notifications StatementCode field 42 (CWMCAS in progress) and 43 (CWMCAS Completed). You should furthermore receive CWMREQ with the CustomsPosition Type equivalent to 'granted' and finally a CWMROG	You should receive two CWMCAS , a CWMREQ with the CustomsPosition type equivalent to granted and a CWMROG	<input type="checkbox"/>
12	Use the provided "Test Case – IE547 Manifest Presentation" XML found in the test case folder (remember to replace the {{LRN}} and {{MRN}} placeholders – {{LRN}} and {{MRN}} should match the MRN and LRN from the initially submitted B1 declaration).	You should have the IE547 the XML ready for the next step	<input type="checkbox"/>
13	Submit a Manifest presentation (IE547) message	IE547 should be sent to the system	<input type="checkbox"/>
14	Pull notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
15	Receive CWMRCV notification for the manifest presentation.	Receive notification CWMRCV	<input type="checkbox"/>
16	Use the provided "Test Case – IE590 Exit notification" XML found in the test case folder (remember to replace the {{CVR}} and {{MRN}} placeholders – {{MRN}} should match the MRN from the initially submitted B1 declaration). Also make sure to change the manifestNumber element. It should match the MRN received in the CWMRCV from the submission of the IE547 message.	You should have the IE590 XML ready for the next step	<input type="checkbox"/>
17	Submit an Exit Notification (IE590) message	IE590 should be sent to the system	<input type="checkbox"/>
18	Pull notifications	You should be able to pull notifications from the system	<input type="checkbox"/>
19	Receive CWMRCV and Exit of Goods notification (CWMEOG) to complete the test case	Should receive the CWMRCV and CWMEOG notification and complete the test case	<input type="checkbox"/>

2.2.1 XML example

```

<Packaging>
  <sequenceNumber>1</sequenceNumber>
  <typeOfPackages>CG</typeOfPackages>
  <numberOfPackages>200</numberOfPackages>
  <shippingMarks>MarksNumbersID</shippingMarks>
</Packaging>

<storingFlag>1</storingFlag>

```