

# TEST CASE – B1 WITH IE507 AND IE590

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## Document history

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# 1 Pre-conditions

To complete the functional test case for “B1 Standard with IE507 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             |
|---|-------------|-------------|--------------------|
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}</a> | DMS.Export2 | DMS.Export  | Declaration.Submit |

To submit arrival notification (IE507) and exit notification (IE590) respectively, use the following endpoints:

| URL   | UFE Service | TFE Service | Action                          |
|---|-------------|-------------|---------------------------------|
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}</a> | DMS.Export2 | DMS.Export  | Declaration.ArrivalNotification |
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}</a> | DMS.Export2 | DMS.Export  | Declaration.ExitNotification    |

For retrieving the notification, use the following endpoint:

| URL   | UFE Service | TFE Service | Action       |
|---|-------------|-------------|--------------|
| <a href="https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}">https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}</a> | 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 and IE590” scenarios.

## 1.1 Process flow

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

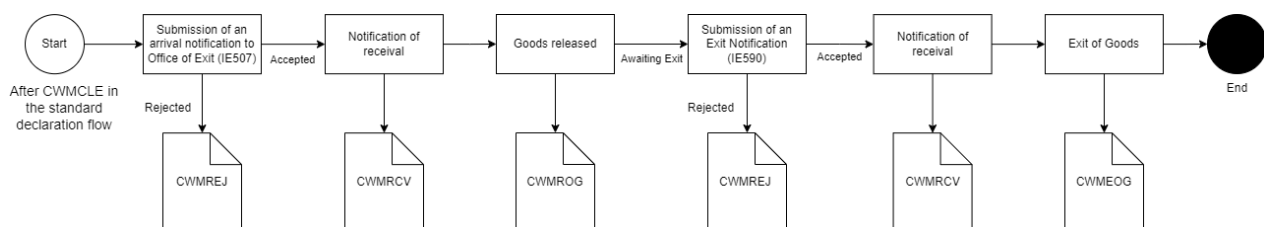


Figure 1 – Process flow for a B1 Standard declaration with IE507 and IE590

Be aware that this scenario only triggers CWMRCV followed by CWMROG. If you were to include changes in the IE507 message, it will trigger the CWMCAS notifications, which are related to the amendment of the changes. In that scenario it would also send three CWMCAS notifications between the CWMRCV and CWMROG notifications, given they are accepted.

## 2 Test Scenarios

To complete this test case, test scenario 1 and 2 in the table below must be passed successfully. 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 and IE590             | <input type="checkbox"/> |
| 2        | Submit B1 – Standard declaration, which is accepted, followed by an IE507 which is rejected | <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 scenario.

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.

## 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 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 <b>{{LRN}}</b> and <b>{{CVR}}</b> placeholders)  | You should have the test <b>XML</b> ready for the next step  | <input type="checkbox"/> |
| 2        | Enter information from section <a href="#">2.2.1</a> with the valid data in the element <b>GoodsLocation</b> (16 15 000 000) to ensure acceptance   | <b>GoodsLocation</b> (16 15 000 000) element should resemble section <a href="#">2.2.1</a>                                     | <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 <b>CWMACC</b> and <b>CWMCLE</b> notifications   | Receive notifications <b>CWMACC</b> and <b>CWMCLE</b>  | <input type="checkbox"/> |
| 6        | Use the provided “Test Case – IE507 Arrival notification” XML found in the test case folder (remember to replace the <b>{{CVR}}</b> and <b>{{MRN}}</b> placeholders – <b>{{MRN}}</b> should match the MRN and LRN from the initially submitted <b>B1 declaration</b> )  | You should have a template IE507 <b>XML</b> ready for the next step  | <input type="checkbox"/> |
| 7        | Submit an <b>Arrival at Exit</b> (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 <b>CWMRCV</b> and <b>CWMROG</b> indicating that the message has been received successfully and the goods have been released.<br><br><i>Be aware that if the IE507 message contains changes compared to the original declaration, you might also receive three CWMCAS notifications between CWMRCV and CWMROG, due to the manual handling of the amendment of the changes.</i> | Should receive <b>CWMRCV</b> and <b>CWMROG</b> notification.<br><br><i>Should also receive <b>CWMCAS</b> in specific cases</i> | <input type="checkbox"/> |
| 10       | Use the provided “Test Case – IE590 Exit” XML found in the test case folder (remember to replace the <b>{{CVR}}</b> and <b>{{MRN}}</b> placeholders – <b>{{MRN}}</b> should match the MRN and LRN from the initially submitted <b>B1 declaration</b> )  | You should have the test IE590 <b>XML</b> ready for the next step  |                          |

|    |  |   |                          |
|----|--|---|--------------------------|
| 11 | Submit an <b>Exit Notification</b> (IE590) message   | IE590 should be sent to the system  | <input type="checkbox"/> |
| 12 | Pull notifications   | You should be able to pull notifications from the system                            | <input type="checkbox"/> |
| 13 | Receive <b>CWMRCV</b> and Exit of Goods notification <b>CWMEOG</b> to complete the test case | Should receive the <b>CWMRCV</b> and <b>CWMEOG</b> notifications, and pass the test | <input type="checkbox"/> |

### 2.2.1 XML example

```

<ns3:GoodsLocation>
  <ns3:TypeCode>A</ns3:TypeCode>
  <ns3:IdentificationType>V</ns3:IdentificationType>
  <ns3:CustomsOffice>
    <ns3:identification>DK004700</ns3:identification>
  </ns3:CustomsOffice>
</ns3:GoodsLocation>

```

## 2.3 Test scenario 2 – Rejection

The aim of this scenario is to get a notification that the B1 Standard XML has been accepted, and another notification that the subsequent IE message for Arrival at Exit (IE507) has been rejected. 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 <b>{{LRN}}</b> and <b>{{CVR}}</b> placeholders)   | You should have the test <b>XML</b> ready for the next step                                | <input type="checkbox"/> |
| 2        | Enter information from section <a href="#">2.3.1</a> with the valid data in the element <b>GoodsLocation</b> (16 15 000 000) to ensure acceptance  | <b>GoodsLocation</b> (16 15 000 000) element should resemble section <a href="#">2.3.1</a> | <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 <b>CWMACC</b> and <b>CWMCLE</b> notifications  | Receive notifications <b>CWMACC</b> and <b>CWMCLE</b>                                      | <input type="checkbox"/> |
| 6        | Use the provided “Test Case – IE507 Arrival notification” XML found in the test case folder (remember to replace the <b>{{CVR}}</b> and <b>{{MRN}}</b> placeholders – <b>{{MRN}}</b> should match the MRN and LRN from the initially submitted <b>B1 declaration</b> ) | You should have a template IE507 <b>XML</b> ready for the next step                        | <input type="checkbox"/> |
| 7        | Replace the data in the <b>GoodsLocation</b> (16 15 000 000) element with the data from section <a href="#">2.3.2</a> to ensure rejection  | <b>GoodsLocation</b> (16 15 000 000) element should resemble section <a href="#">2.3.2</a> | <input type="checkbox"/> |
| 8        | Submit an <b>Arrival at Exit</b> (IE507) message   | The IE507 should be sent to the system   | <input type="checkbox"/> |
| 9        | Pull notifications   | You should be able to pull notifications from the system                                   | <input type="checkbox"/> |
| 10       | Receive <b>CWMREJ</b> indicating that the message has been rejected  | Receive <b>CWMREJ</b> and pass the test  | <input type="checkbox"/> |

### 2.3.1 XML example B1

```
<ns3:GoodsLocation>  
  <ns3:TypeCode>A</ns3:TypeCode>  
  <ns3:IdentificationType>V</ns3:IdentificationType>  
  <ns3:CustomsOffice>  
    <ns3:identification>DK004700</ns3:identification>  
  </ns3:CustomsOffice>  
</ns3:GoodsLocation>
```

### 2.3.2 XML example IE507 (triggers rejection)

```
<LocationOfGoods>  
  <sequenceNumber>1</sequenceNumber>  
  <typeOfLocation>A</typeOfLocation>  
  <qualifierOfIdentification>U</qualifierOfIdentification>  
</LocationOfGoods>
```