TEST CASE – B2 STANDARD

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Document history

Version	Date	Author	Status	Comments
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1.0	11-11-2022	Jesper Sture Bergendorff	Finished	Reviewed and finalized, added notes on authentication
1.1	03-02-2023	Lukas Martin Wick	Update review	Updated
1.2	10-05-2023	Alexander Vejling Sennefelder	Updated	Updated test scenario test case steps and added authorisation text under section 2, updated AdmissionUseProcessingAuthorisation XML example
1.3	15-08-2023	Alexander Tholle	Updated	Updated process flowchart, added information in test description and removed mention of ROG

Table of contents

1 Pre-conditions

To complete the functional test case for "B2 Standard", 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

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

Note that the Authorisation for regular use requires a pre-existing Authorisation.

1.1 Process flow

The process flow for a B2 standard declaration for occasional use can be seen in Figure 1 below:
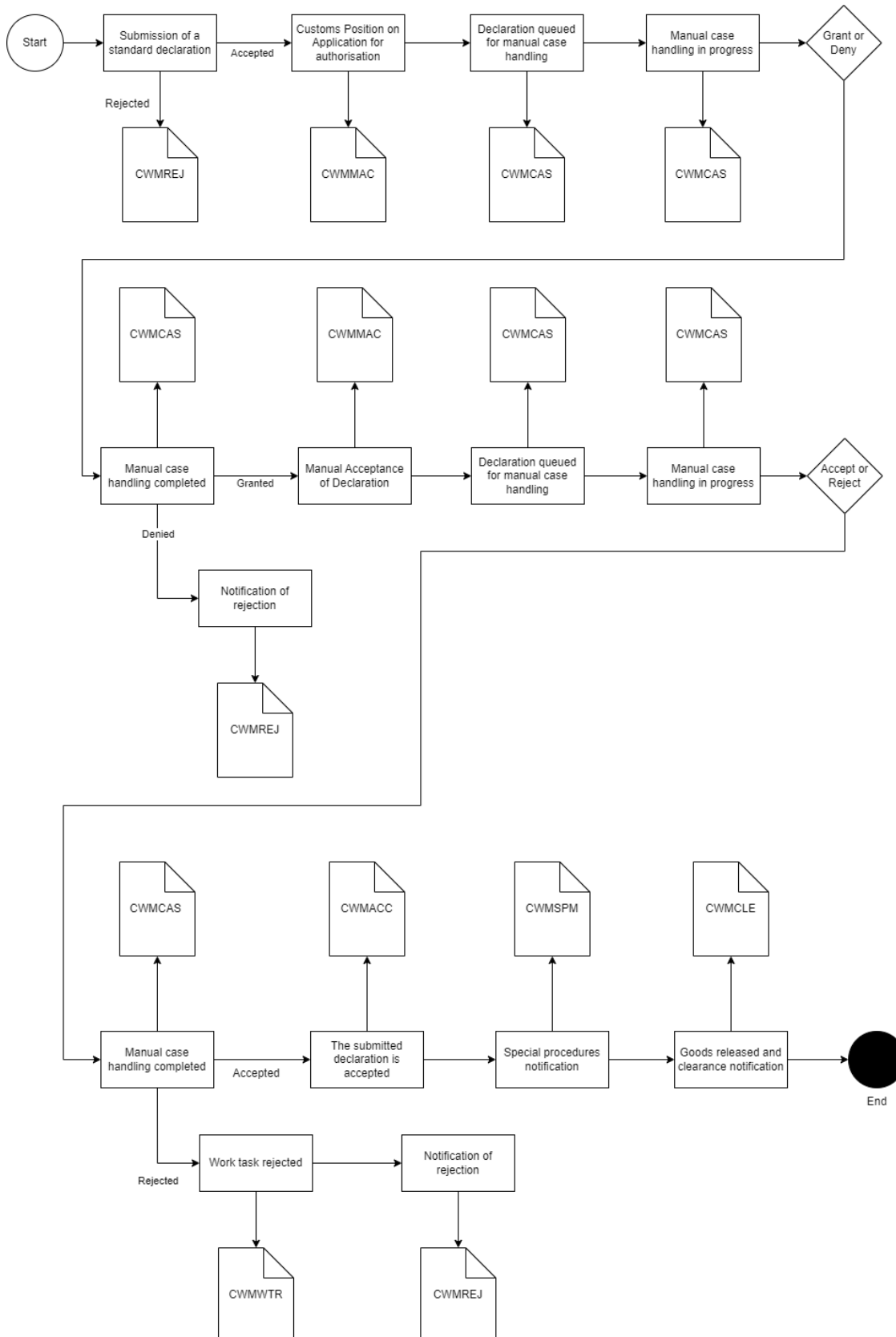

Figure 1 – Process flow for a B2 Standard declaration for occasional use

The process flow for a B2 standard declaration for regular use can be seen in Figure 2 below:
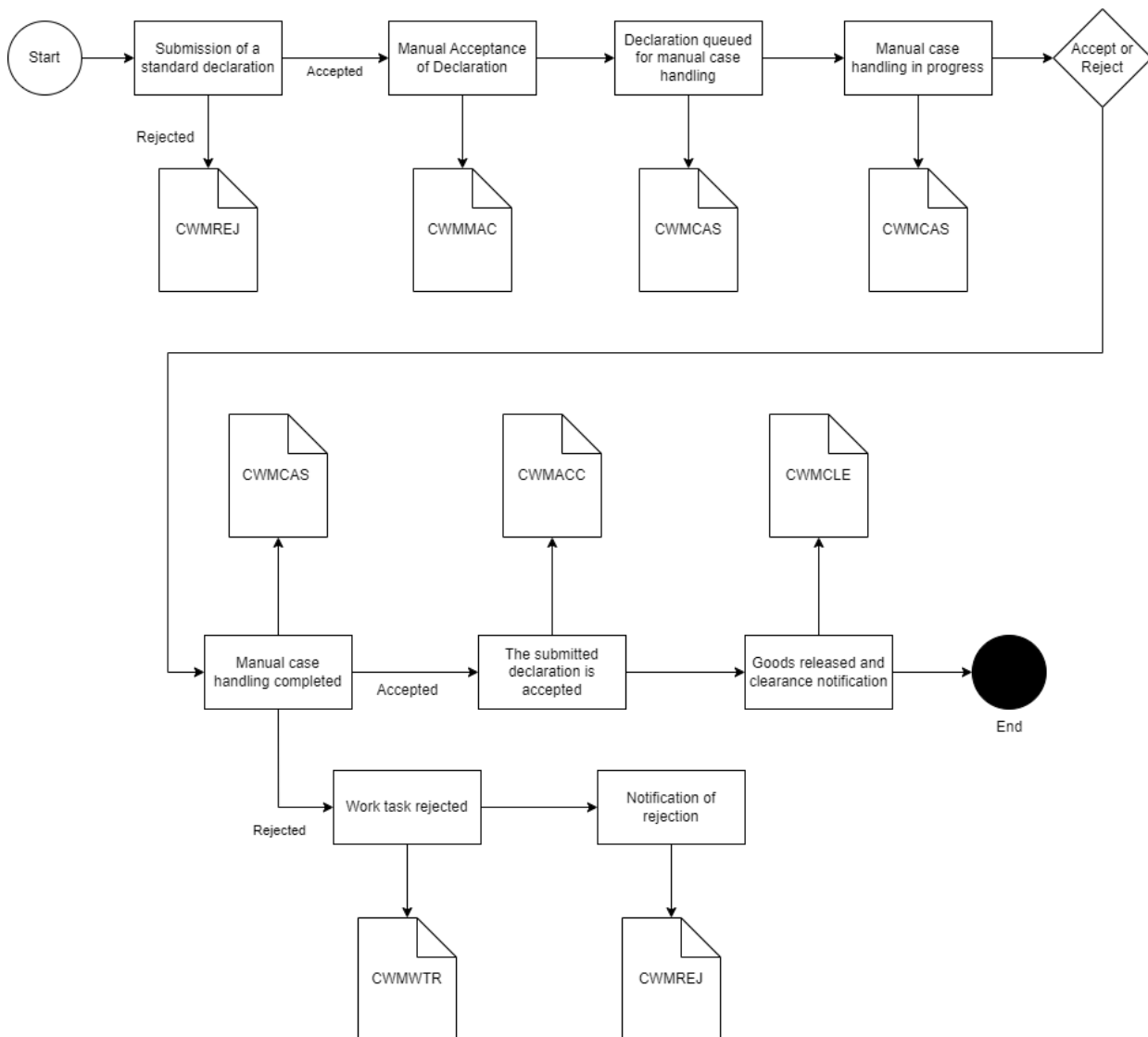

Figure 2 – Process flow for a B2 Standard declaration for regular use

2 Test Scenarios

To complete this test case, test scenario 1, 2, and 3 in the table below 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 B2 – Standard declaration with Authorisation for regular use, which is accepted	☐
2	Submit B2 – Standard declaration with Authorisation for occasional use, which is accepted	☐
3	Submit B2 – Standard declaration, which is rejected	☐

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. It is worth noting that there can be changes in the notifications in test no. 1 than what is described here.

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. An XML for the standard declaration using Authorisation for regular use and an Authorisation Application made available in the same folder where you found this test case document. This can be changed according to the test scenario.

As shown in the test scenarios on the table shown in section 2, there are two scenarios for a B2 declaration acceptance. For both scenarios you will need a specific type of authorisation within your company. I.e., if this type of procedure does not apply to your company, you don't need to complete this test case document. When doing B2 with regular use, you will need to use the 8b OPO authorization "C019", as you can see in the XML in the scenario. For B2 with occasional use, you can use what is called an 8f temporary admission application as seen in the element AdmissionsUseProcessingAuthorisation.

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 – Acceptance, Authorisation for regular use

The aim of this scenario is to get a notification that the B2 Standard 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 (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 - B2 Standard Acceptance Authorisation with regular use" 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 information from section 2.2.1 with the valid data in the element **Authorisation** (12 12 000 000) to ensure acceptance	**Authorisation** (12 12 000 000) element should resemble 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	Acceptance of submission of B2 declaration by receiving the **CWMACC** and **CWMCLE** notifications	Receive notifications **CWMACC** and **CWMCLE** and pass the test	☐

2.2.1   XML example

If the XML Example does not work, fill out using your own ID related to a type C019 authorisation

```xml
<ns2:Authorisation>
    <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
    <ns2:ID>DKOPO55-1234561</ns2:ID>
    <ns2:Type>C019</ns2:Type>
</ns2:Authorisation>
```

2.3 Test scenario 2 – Acceptance, Authorisation for occasional use

The aim of this scenario is to get a notification that the B2 Standard Authorisation Application 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 (this is done by putting your CVR in the **Submitter/Name** and **Submitter/ID** fields). Then go to the "**AdmissionUseProcessingAuthorisation**" element in the XML and ensure that it is as described in step no. 2.

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case - B2 Standard Acceptance Authorisation on occasional basis" 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 xml element AdmissionUseProcessingAuthorisation from section 2.3.1 under the SecurityCode element	**AdmissionUseProcessingAuthorisation** element should resemble 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	Pending manual decision (**CWMMAC**). Case queued for Manual Case Handling (**CWMCAS**). Once the case is in progress, and when a decision has been made, additional **CWMCAS** notifications will be sent out. After the Authorisation has been granted, you will receive acceptance of submission of B2 declaration by receiving the **CWMACC** and **CWMCLE** notifications. You may also receive **CWMSPM** notifications – ignore these.	Receive notifications **CWMMAC CWMCAS** with status code 41, 42, and 43, **CWMACC** and **CWMCLE** and pass the test	☐

2.3.1 XML example

```
<ns2:AdmissionUseProcessingAuthorisation>
    <ns4:CustomsOfficesOfDischarge>
        <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
        <ns4:CustomsOfficesOfDischarge>DK004700</ns4:CustomsOfficesOfDischarge>
    </ns4:CustomsOfficesOfDischarge>
    <ns4:SupervisingCustomsOffice>DK007900</ns4:SupervisingCustomsOffice>
    <ns4:IdentificationOfGoods>
        <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
        <ns4:Code>8</ns4:Code>
        <ns4:FreeText>without identification measures according to Article 250(2)(b
) of the Code (only suitable for temporary admission)</ns4:FreeText>
    </ns4:IdentificationOfGoods>
    <ns4:DetailsOfPlannedActivities>Repair</ns4:DetailsOfPlannedActivities>
    <ns4:GoodsOwner>
        <ns4:Name>Trader Name</ns4:Name>
        <ns4:StreetAndNumber>Stadiou 1</ns4:StreetAndNumber>
```

```xml
                <ns4:CountryCode>GR</ns4:CountryCode>
                <ns4:PostCode>11111</ns4:PostCode>
                <ns4:City>Athens</ns4:City>
                <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
            </ns4:GoodsOwner>
            <ns4:FirstPlaceOfUseOrProcessing>
                <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
                <ns4:Country>DK</ns4:Country>
                <ns4:LocationTypeCode>A</ns4:LocationTypeCode>
                <ns4:QualifierOfTheIdentification>V</ns4:QualifierOfTheIdentification>
                <ns4:IdentificationOfLocation>NLAMS</ns4:IdentificationOfLocation>
                <ns4:AdditionalIdentifier>2</ns4:AdditionalIdentifier>
            </ns4:FirstPlaceOfUseOrProcessing>
            <ns4:PlaceOfProcessingOrUse>
                <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
                <ns4:Country>DK</ns4:Country>
                <ns4:LocationTypeCode>A</ns4:LocationTypeCode>
                <ns4:QualifierOfTheIdentification>V</ns4:QualifierOfTheIdentification>
                <ns4:IdentificationOfLocation>NLAMS</ns4:IdentificationOfLocation>
                <ns4:AdditionalIdentifier>1</ns4:AdditionalIdentifier>
            </ns4:PlaceOfProcessingOrUse>
            <ns4:DischargePeriod>
                <ns4:Period>5</ns4:Period>
                <ns4:TickBox>1</ns4:TickBox>
                <ns4:FreeText>5 months of period</ns4:FreeText>
            </ns4:DischargePeriod>
            <ns4:YieldRate>
                <ns4:SequenceNumeric>5</ns4:SequenceNumeric>
                <ns4:FreeText>Indicate the estimated rate of yield or estimated average rate of yield, or where appropriate, the method of determining such rate.</ns4:FreeText>
            </ns4:YieldRate>
            <ns4:ProcessedProducts>
                <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
                <ns4:CommodityCode>87032390</ns4:CommodityCode>
                <ns4:DescriptionOfGoods>Motor cars and other motor vehicles principally designed for the transport of persons (other than those of heading 8702), including station wagons and racing cars, of a cylinder capacity exceeding 1500 cm3 but not exceeding 3000 cm3.</ns4:DescriptionOfGoods>
            </ns4:ProcessedProducts>
            <ns4:EconomicConditions>
                <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
                <ns4:Code>16</ns4:Code>
                <ns4:FreeText>repair</ns4:FreeText>
            </ns4:EconomicConditions>
            <ns4:ImportDuty>1</ns4:ImportDuty>
    </ns2:AdmissionUseProcessingAuthorisation>
```

2.4 Test scenario 3 – Rejection

The aim of this scenario is for the EO to get a notification that the B2 Standard 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 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). Then go to the "**Exporter**" (13 01 000 000) element in the **XML** and ensure that it is as described in step no. 2.

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case - B2 Standard Acceptance" (either Authorisation Application or Authorisation for regular use) XML found in the test case folder (remember to replace the **{{LRN}}** and **{{CVR}}** placeholders)	You should have a template **XML** ready for the next step	☐
2	Enter information from section 2.4.1 with the invalid data in the element **Exporter** (13 01 000 000) to ensure rejection	**Exporter** (13 01 000 000) element should resemble section 2.4.1	☐
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	Rejection of a submission of B2 declaration by receiving the **CWMREJ** notification	Receive **CWMREJ** and pass the test	☐

2.4.1 XML example

Input the wrong CVR number as exporter ID to get a simple rejection.

```
<ns3:Exporter>
        <ns3:ID>DK12345678</ns3:ID>
</ns3:Exporter>
```