

TEST CASE – D2 PRE-LODGED

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Document history

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1 Pre-conditions

To complete the functional test case for “D2 Pre-lodged with presentation”, the company must have an established connection to the AS4-gateway, and have a functioning system user to DMS Transit, 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.Transit2	DMS.Transit	Declaration.Submit
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UID_{UID}	DMS.Transit2	DMS.Transit	Declaration.Amend. Goodspresented

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.Transit2	DMS.Transit	Notification

Please ensure that the “**Test Case – D2 Standard**” have been completed **before** you try to complete the “**Test Case – D2 Pre-lodged with presentation**” scenarios.

1.1 Authorisation

To be able to complete the test cases using the provided guarantees of type 0 and 1 for the test case the authorisation **C505 (CGU - Comprehensive Guarantee)** is required. This is a “Comprehensive Guarantee” for customs transit including possible reduction or exemption. Formal name is *Authorisation for the provision of a comprehensive guarantee, including possible reduction or waiver (Column 4a, Annex A of Delegated Regulation (EU) 2015/2446)*.

If you lack this authorization, you can use guarantees of type 2 which are single use and have a predefined office of departure and destination. Please reach out to us on Toolkit if you require any guarantees or authorisations for testing.

This testcase covers the flow for a standard procedure. If you want to test the flow for a simplified procedure, you will also require a **C521** authorisation (**ACR – Authorisation for status of authorised consignor**).

1.2 Process flow

The process flow for a D2 Pre-lodged declaration and a subsequent goods presentation can be seen in Figure 1 below:

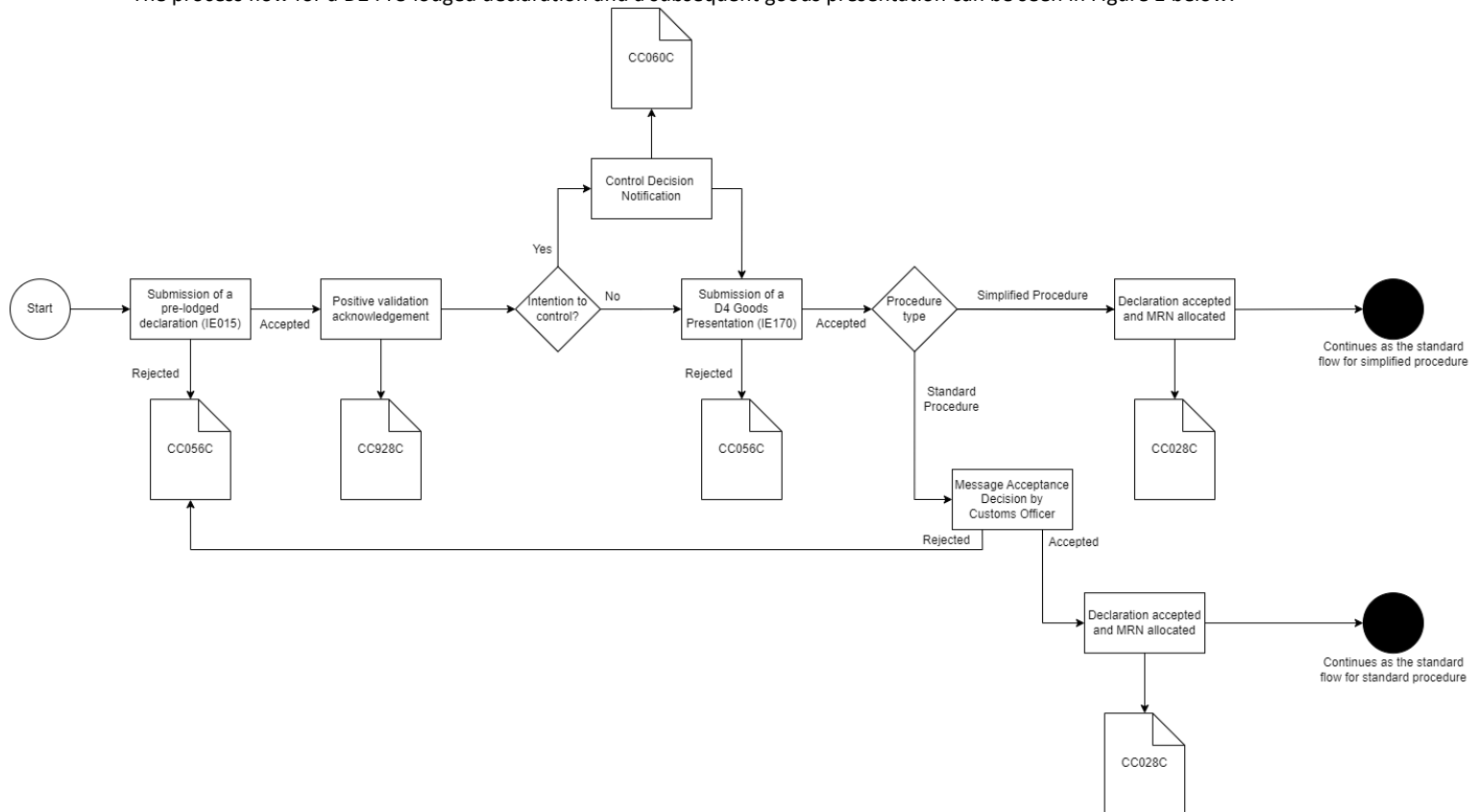


Figure 1 – Process flow for a D2 Pre-lodged declaration including a subsequent goods presentation

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 D2 – Pre-lodged declaration, which is accepted	<input type="checkbox"/>
2	Submit D2 – Pre-lodged declaration, which is rejected	<input type="checkbox"/>

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. An XML for the pre-lodge declaration and the presentation notification is made available in the same folder where you found this test case document. This can be changed according to the test scenario. We recommend using the prepared XML(s) for this test case.

2.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the D2 Pre-lodged XML and the subsequent goods presentation has been accepted, followed by the allocation of an MRN. This scenario follows the flow for the standard procedure, as the test case example does not include an ACR authorisation. Each task for the customs officer may take time, so do not expect notifications being returned instantly.

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 following fields are correctly filled with the information of your own company: **messageSender** (CVR), **LRN** (12 09 000 000)(a unique identification number), **HolderOfTheTransitProcedure** (13 07 000 000) (EORI-number), **Guarantee.guaranteeType** (99 02 001 000), **GRN** (99 03 069 000) and **accessCode** (99 03 070 000). You should use the test guarantee provided in the welcome letter. Furthermore, you should reference your company's authorisation of type C505 (CGU) and C524 (TRD) in separate instances of the field **Authorisation.referenceNumber** (12 12 001 000).

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case – D2 Pre-lodge" XML found in the test case folder (remember to replace the fields containing placeholders {{ }} and make sure messageSender , LRN , HolderOfTheTransitProcedure , Guarantee , Authorisation.referenceNumber are correct for your company.	You should have a template XML ready for the next step	<input type="checkbox"/>
2	Check the XML with information from section 2.2.1 with data that ensures a proper D2 flow	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 D2 pre-lodged declaration by receiving the CC928C (Positive Acknowledge)	Receive notification CC928C	<input type="checkbox"/>
6	Use the provided "Test Case – D4 Presentation Notification" XML found in the test case folder (remember to replace the fields containing placeholders {{ }} and make sure messageSender , LRN , HolderOfTheTransitProcedure , Guarantee , Authorisation.referenceNumber are correct for your company. Make sure the LRN match the LRN of the D2 pre-lodged declaration sent in step 1.	You should have the test XML ready for the next step	<input type="checkbox"/>
7	Submit the D4 Presentation Notification (IE170) XML	The D4 should be sent to the system and accepted	<input type="checkbox"/>
8	Pull notifications <i>A customs officer needs to accept the presentation, so there can be a delay</i>	Receive notification results	<input type="checkbox"/>
9	Receival of CC028C allocates an MRN and the declaration has been lodged. After this, the flow continues as described in the D1 Standard test case.	Receive notification CC028C and pass the test	<input type="checkbox"/>

2.2.1 XML example

Ensure that the following XML examples matches what is in your XML, for this test to be a proper D2 flow.
reducedDatasetIndicator must be '1'

```
<TransitOperation>
  <LRN>{{LRN}}</LRN>
  <declarationType>T1</declarationType>
  <additionalDeclarationType>D</additionalDeclarationType>
  ...
  <reducedDatasetIndicator>1</reducedDatasetIndicator>
  ...
</TransitOperation>
```

2.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the D2 Pre-lodge XML 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 using the provided declaration XML found in the **Test Case** folder. Secondly, make sure that your **LRN** is unique, and that the following fields are correctly filled with the information of your own company: **messageSender** (CVR), **LRN** (12 09 000 000)(a unique identification number), **Guarantee.guaranteeType** (99 02 001 000), **GRN** (99 03 069 000) and **accessCode** (99 03 070 000). You should use the test guarantee provided in the welcome letter. Furthermore, you should reference your company's authorisation of type C505 (CGU) and C524 (TRD) in separate instances of the field **Authorisation.referenceNumber** (12 12 001 000).

Step no.	Description of steps	Expected result	Passed
1	Use the provided "Test Case – D2 Pre-lodge" XML found in the test case folder (remember to replace the fields containing placeholders {{ }} and make sure messageSender , LRN , Guarantee , Authorisation.referenceNumber are correct for your company.	You should have the test XML ready for the next step	<input type="checkbox"/>
2	Check the XML with information from section 2.3.1 with the valid data ensure rejection	Element should resemble section 2.3.1	<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	Rejection of submission of D2 pre-lodge declaration by receiving the CC056C notification	Receive notification CC056C and complete the testcase	<input type="checkbox"/>

2.3.1 XML example

Ensure that the following XML examples matches what is in your XML for this test to work.

```
<HolderOfTheTransitProcedure>
  <identificationNumber>BQ2Q390LL</identificationNumber>
</HolderOfTheTransitProcedure>
```