TEST CASE – H1 REPAYMENT (4C)

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Version: 1.3
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Document history

Version	Date	Author	Status	Comments
0.1	01-03-2024	Cina Arjmand	Draft	First draft
0.2	13-09-2024	Emilie Madsen	Draft	Review
0.3	14-10-2024	Emilie Madsen	Draft	Update notification flows
1.0	23-10-2024	Emilie Madsen	Completed	
1.1	01-11-2024	Emilie Madsen	Completed	Corrections to test scenario 1 steps table.
1.2	09-12-2024	Emilie Madsen	Completed	Minor corrections
1.3	16-01-2025	Michael Larsson	Completed	Updated routing for Standard folder

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1   Pre-conditions

To complete the functional test case for "H1 Repayment", the company must have an established connection to the AS4 Gateway, functioning system user to DMS Import, 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 {UUID}, fill out your own CVR and UUID 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 endpoints:

URL	TFE02 Service	TFE01 Service	Action
https://secureftpgatewaytest.skat.dk/:6384/exchange/CVR_ {CVR}_UI_{UUID}	DMS.Import4		Declaration.Submit
https://secureftpgatewaytest.skat.dk/:6384/exchange/CVR_ {CVR}_UI_{UUID}	DMS.Import4		Declaration.Invalidation

For retrieving the notification, use the following endpoint:

URL	TFE02 Service	TFE01 Service	Action
https://secureftpgatewaytest.skat.dk/:6384/exchange/CVR_ {CVR}_UI_{UUID}	DMS.Import4		Notification

Please ensure that the "**Test Case – H1 Standard**" have been completed **before** you try to complete the **"Test Case – H1 Repayment (4c)"** scenarios.

2   Process flow

The process flow for a H1 repayment (4c) request for a standard declaration can be seen in Figure 1 below:
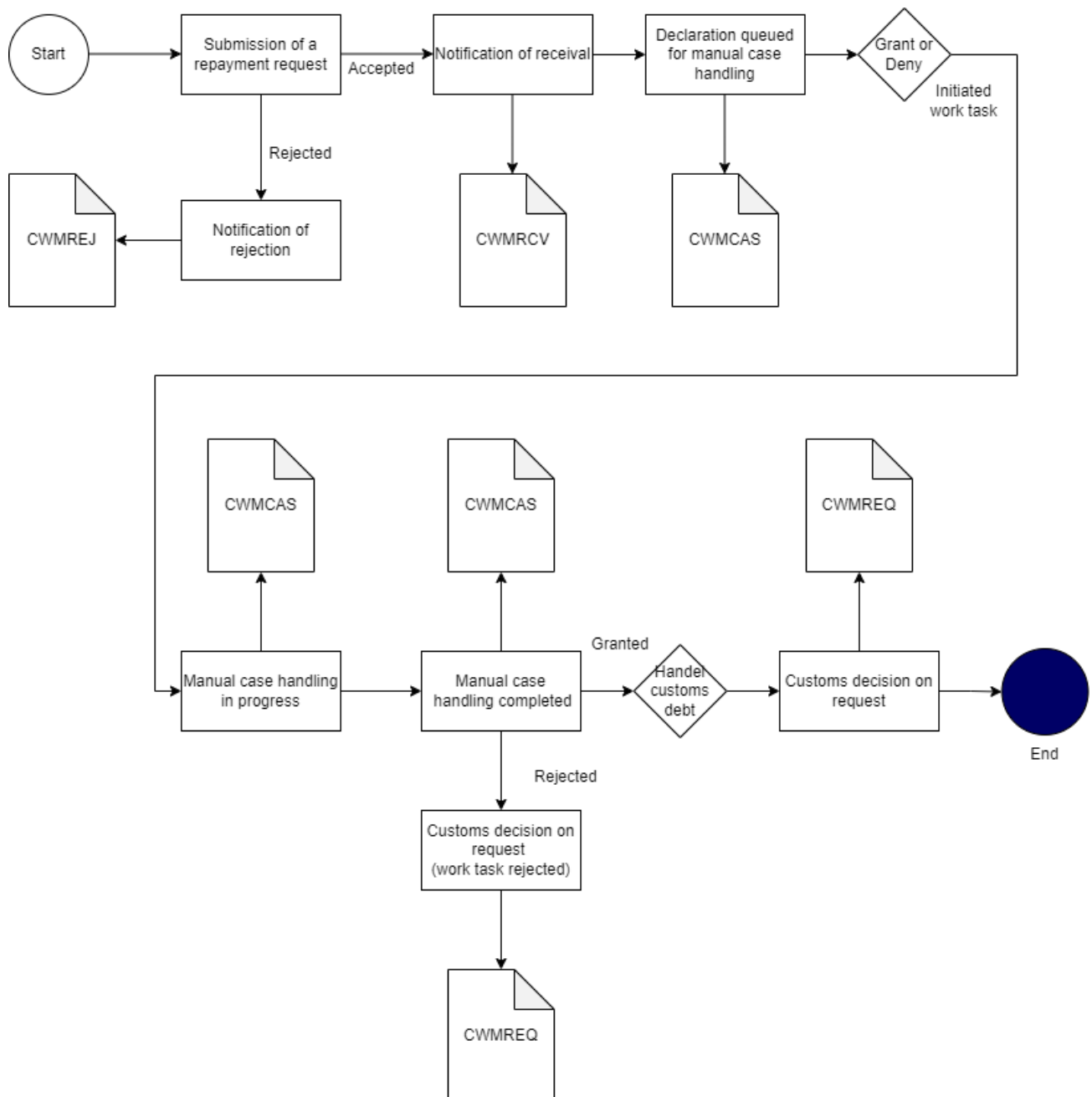

Figure 1 : process flow for H1 repayment 4c.

3   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 H1 –Repayment, which is accepted	☐
2	Submit H1 –Repayment, which is rejected	☐

3.1   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 provided by DMS Import as the solution is still in development.

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. For each case there will be an XML available in the same folder where you found this test case document.

3.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the H1 Repayment 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** and **MRN** is unique, and that the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields) in the H1 Standard XML. The field **DeclarantEORI** should also be filled out with the corresponding EORI numbers for the Declarant, Exporter, and Importer roles. You should also make sure that for the H1 Repayment XML that the **CustomsValue**, **AmountDuty,** and **DutyType** fields are filled with a valid tax amount in each field's subfield **Amount,** as described in step 5. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Submit a **H1 Standard XML**. It is found within the H1 Standard folder that is found in the parent directory at H1 Test Cases (remember to replace the placeholders).	You should have the test **XML** ready for the next step.	☐
2	Submit the declaration using the conditions found under Pre-conditions.	The declaration should be sent to the system.	☐
3	Pull the notifications.	You should be able to pull the notification from the system.	☐
4	Acceptance of submission of declaration.	Receive the **CWMACC, CMWCLE,** and **CWMTAX** notifications.	☐
5	Use the **H1 Repayment 4c XML** found in the test case folder (remember to replace the placeholders). Make sure that the **CustomsValue**, **AmountDuty,** and **DutyType** fields are filled in as shown in section 3.2.1. The values in these fields should match the ones listed in the **CWMTAX** notification in order to be accepted but if you have used the example XML's then these values should already match with the tax on the H1 standard declaration.	Find the **H1 Repayment 4c XML** in the H1 Repayment 4c test case folder.	☐
6	Send in a H1 **Repayment 4c XML**, it can be found in the same folder as this test case. Remember to add the **LRN** and **MRN** from the initially submitted H1 Standard XML.	The **H1 Repayment 4c XML** should be sent to the system	☐
7	Receive a **CWMRES** notification. Next a manual acceptance work task will be created. A manual work task needs to be manually approved by a customs official. Until a customs official has manually processed your declaration, you won't receive any further notifications. As such, the declaration may remain on this step for some time before proceeding.	Receive notification **CWMRES.**	☐

8	Pull the notifications	You should be able to pull notification from the system	☐
9	After having received the **CWMCAS**, read the **AdditionalInformation** field regarding the status. This notification informs you of a manual acceptance work task being created.	You should find a **StatementCode** field with the number **41** (CWMCAS Queued). Then in the **StatementDescription** field there should be an explanation	☐
10	When the queued request is being handled receive another **CWMCAS** and once the request is completed, receive a third **CWMCAS,** both notification with changes to **AdditionalInformation**. This informs you that the worktask is completed. A manual work task needs to be manually approved by a customs official. Until a customs official has manually processed your declaration, you won't receive any further notifications. As such, the declaration may remain on step 9 for some time if so, pull the notification again to get these notifications.	Two notifications with **StatementCode** field **42** (CWMCAS in progress) and **43** (CWMCAS Completed)	☐
11	Acceptance of submission of invalidation request by receiving the **CWMREQ** notification.	Receive notification **CWMREQ** to pass the test	☐

3.2.1   XML example

```xml
<ns5:CustomsValue>
    <ns5:Currency>DKK</ns5:Currency>
    <ns5:Amount>25917</ns5:Amount>
</ns5:CustomsValue>
<ns5:AmountDuty>
    <ns5:Currency>DKK</ns5:Currency>
    <ns5:Amount>1503.2</ns5:Amount>
</ns5:AmountDuty>
<ns5:DutyType>
    <ns5:UnionCode>B00</ns5:UnionCode>
    <ns5:Amount>1503.2</ns5:Amount>
</ns5:DutyType>
```

3.3   Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the H1 Repayment 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** and **MRN** is unique, and that the Submitter field is correct (this is done by putting your **CVR** in the Submitter/Name and Submitter/ID fields) in the H1 Standard XML. The field **DeclarantEORI** should also be filled out with the corresponding EORI numbers for the Declarant, Exporter, and Importer roles. In this case we will fill invalid data in the H1 Repayment XML for the **CustomsValue**, **AmountDuty,** and **DutyType** fields as described in step 5.

Step no.	Description of steps	Expected result	Passed
1	Submit a **H1 Standard XML**. It is found within the H1 Standard folder that is found in the parent directory at H1 Test Cases (remember to replace the placeholders)	You should have the test **XML** ready for the next step	☐
2	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
3	Pull the notifications	You should be able to pull the notification from the system	☐
4	Acceptance of submission of declaration	Receive the **CWMACC** and **CWMCLE** notifications	☐
5	Use the **H1 Repayment 4c XML** found in the test case folder (remember to replace the placeholders – {{LRN}} and {{MRN}} should match the **MRN** and **LRN** from the initially submitted H1 declaration)	Find the **H1 Repayment 4c XML** in the H1 Repayment 4c test case folder	☐
6	Adapt the **H1 Repayment 4c XML** so that the **AmountDuty** field is filled in as shown in section 3.3.1	Adapt the **H1 Repayment 4c XML** in the amendment test case folder	☐
7	Submit the XML	The **H1 Repayment 4c XML** should be sent to the system	☐
8	Pull the notifications	You should be able to pull notification from the system	☐
9	Rejection of submission of invalidation request by receiving the **CWMREJ** notification	Receive notification **CWMREJ** and pass the scenario	☐

3.3.1 XML example

```xml
<ns5:CustomsValue>
    <ns5:Currency>DKK</ns5:Currency>
    <ns5:Amount>1000000</ns5:Amount>
</ns5:CustomsValue>
<ns5:AmountDuty>
    <ns5:Currency>DKK</ns5:Currency>
    <ns5:Amount>1000</ns5:Amount>
</ns5:AmountDuty>
<ns5:DutyType>
    <ns5:UnionCode>B00</ns5:UnionCode>
    <ns5:Amount>1000</ns5:Amount>
</ns5:DutyType>
```