TEST CASE – H4 BILL OF DISCHARGE

Version: 1

Document history

Version	Date	Status	Comments
0.1	08-10-2025	Draft	First Draft
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1.0	24-10-2025	Finished	Completed

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1   Preconditions

To complete the functional test case for "H4 Bill of Discharge", the company must have an established connection to the AS4-gateway, and have a 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 URL 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 XMLs for this test case, use the following endpoint:

URL	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}	DMS.Import2	Declaration.Submit
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}	DMS.Import2	Declaration.BillOfDischarge

For retrieving the notification, use the following endpoint:

URL	TFE Service	Action
https://secureftpgatewaytest.skat.dk:6384/exchange/CVR_{CVR}_UI_{UUID}	DMS.Import2	Notification

Please ensure that the "**Test Case – H4 Standard**" has been completed **before** you try to complete the **"Test Case – H4 Bill of Discharge"** scenarios. Additionally, you should ensure that you have access to or completed "**Test Case – B1 Standard**".

2   Process flow

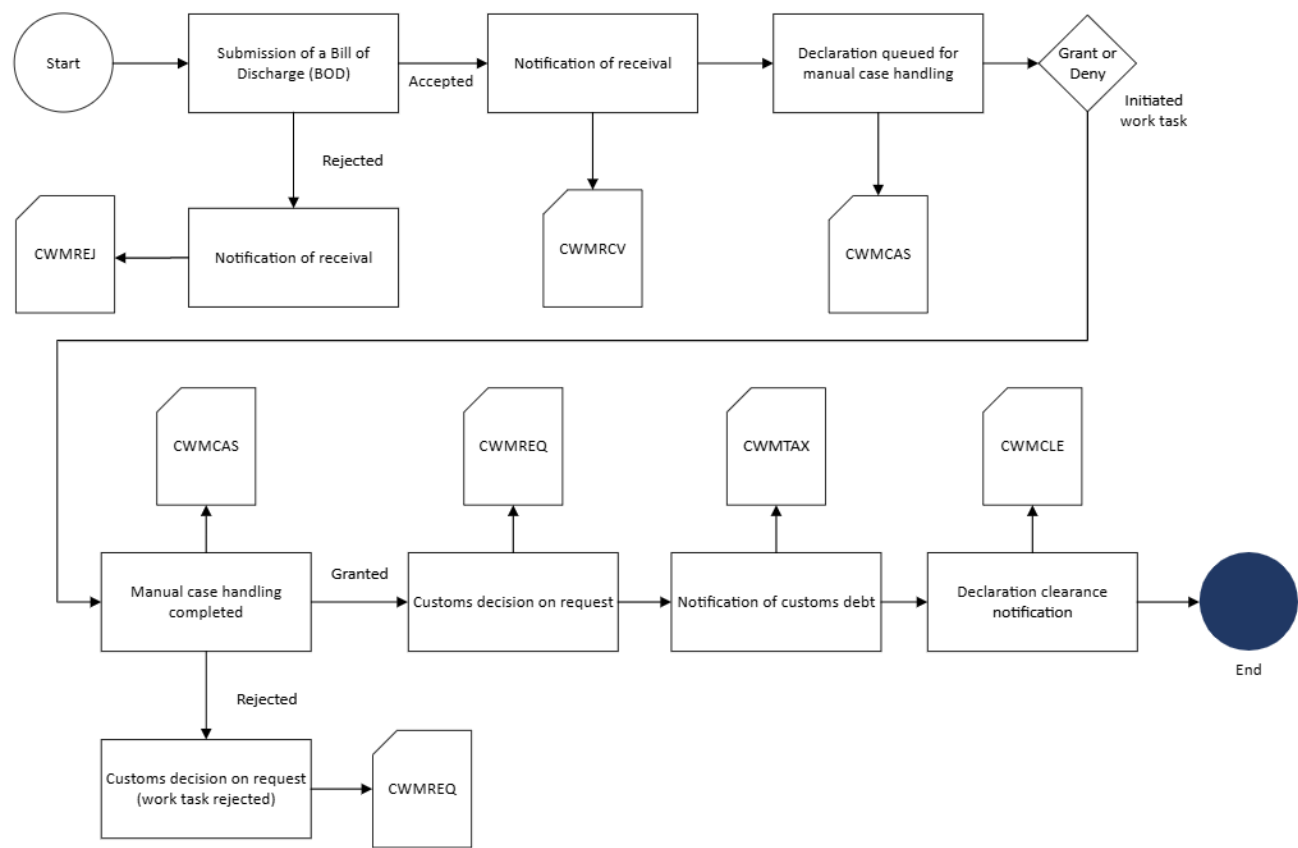The process flow for a H4 Bill of Discharge request can be seen Figure 1 below:

Figure 1: Process flow for H4 Bill of Discharge

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 H4 Bill of Discharge, which is accepted	☐
2	Submit H4 Bill of Discharge, 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. In the folder where you found this test case document an XML corresponding to the acceptance test case will be available. This can be adapted for the rejection case.

3.2 Test scenario 1 – Acceptance

The aim of this scenario is to get a notification that the H4 Bill of Discharge 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** corresponds to those of the H4 Declaration. Make sure that the WriteOff field is filled out with a valid **ID** of an export declaration. It is suggested for this test scenario to use a MRN from a B1 Declaration. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Use a **H4 Standard** XML (you can use the H4 Standard XML from the H4 test case). It is found within the H4 folder that is found in the parent directory at H4 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 H4 Declaration by receiving the **CWMACC** and **CWMROG** notification	Receive a **CWMACC** and **CWMROG** notification	☐
5	Use the provided "Test Case – H4 Bill of Discharge" **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 **H4 Declaration**).	Find the **H4 Bill of Discharge XML** in the H4 Bill of Discharge test case folder	☐
6	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
7	Pull the notifications	You should be able to pull notification from the system	☐
8	Successful validation of submission of amendment request by receiving the **CWMRCV** and **CWMCAS** notifications.	You should receive the **CWMRCV** and **CWMCAS** notifications.	☐
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 completed, receive the final **CWMCAS** 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 the	One notification with **StatementCode** field **43** (CWMCAS Completed).	☐

	previous step for some time if so, pull the notification again to get the notification.		
11	Acceptance of submission of the Bill of Discharge request by receiving the **CWMREQ** and **CWMTAX** notifications**,** as well as a final **CWMCLE** notification.	Receive **CWMREQ, CWMTAX** and **CWMCLE** notifications and pass the test	☐

3.2.1 XML Example

If the entire quantity has not been discharged from the H4 Declaration, you will receive an CWMSPM message as shown in the example below:

```xml
<Notification>
    <NotificationEventType>CWMSPM</NotificationEventType>
    <NotificationSID>78cf9fd2-a537-459f-a7a9-f56dd42023aa</NotificationSID>
    <Declaration>
        <MRN>{{MRN}}</MRN>
        <VersionID>1</VersionID>
        <SubmitterReferenceNumber>{{LRN}}</SubmitterReferenceNumber>
        <TimerExpirationInfo>
            <ExpirationDateTime>
                <DateTimeString formatCode="304">20251001124100Z</DateTimeString>
            </ExpirationDateTime>
        </TimerExpirationInfo>
    </Declaration>
    <IssueDateTime>
        <DateTimeString formatCode="304">20251017020002Z</DateTimeString>
    </IssueDateTime>
</Notification>
```

3.3 Test scenario 2 – Rejection

The aim of this scenario is for the EO to get a notification that the H4 Bill of Discharge 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** and **MRN** corresponds to those of the H4 Declaration. In this scenario there is no reference to an Export Declaration. The placeholders are denoted in the XML by double curly brackets {{placeholder}}.

Step no.	Description of steps	Expected result	Passed
1	Use a **H4 Standard** XML (you can use the H4 Standard XML from the H4 test case). It is found within the H4 folder that is found in the parent directory at H4 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 H4 Declaration by receiving the **CWMACC** and **CWMROG** notification	Receive a **CWMACC** and **CWMROG** notification	☐
5	Use the provided "Test Case – H4 Bill of Discharge" **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 **H4 Declaration**).	Find the **H4 Bill of Discharge XML** in the H4 Bill of Discharge test case folder	☐
6	Adapt the **Bill of Discharge XML** with the information with the invalid data in the element **GoodsShipment** as shown in section 0 to ensure rejection of the XML.	Adapt the **H4 Bill of Discharge XML** in the H4 Bill of Discharge test case folder or use your own	☐
7	Submit the declaration using the conditions found under Pre-conditions	The declaration should be sent to the system	☐
8	Pull notifications	You should be able to pull notification from the system	☐
9	Rejection of a submission of the Bill of Discharge request by receiving the **CWMREJ** notification	Receive the **CWMREJ** notification and pass the test	☐

3.3.1   XML example

```xml
<ns2:GoodsShipment>
    <ns2:GovernmentAgencyGoodsItem>
        <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
        <ns2:PreviousDocument>
            <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
            <ns2:WriteOff>
                <ns2:QuantityQuantity unitCode="KGM">1000</ns2:QuantityQuantity>
            </ns2:WriteOff>
            <ns2:LineNumeric>1</ns2:LineNumeric>
            <ns2:DischargingGoodsItemNumber>1</ns2:DischargingGoodsItemNumber>
            <ns2:ScrapQuantity>0</ns2:ScrapQuantity>
            <ns2:TaxRateOfGoodsUnderSpecialProcedure>10</ns2:TaxRateOfGoodsUnderSpecialProcedure>
            <ns2:PayableTaxAmountOfRemainingQuantity>0</ns2:PayableTaxAmountOfRemainingQuantity>
            <ns2:CustomValuesOfGoodsUnderSpecialProcedure>10</ns2:CustomValuesOfGoodsUnderSpecialProcedure>
            <ns2:DischargingGoodsCNCode>08043000</ns2:DischargingGoodsCNCode>
            <ns2:DischargingGoodsCustomsValue>100</ns2:DischargingGoodsCustomsValue>
            <ns2:RateOfYieldAtDischarge>25</ns2:RateOfYieldAtDischarge>
        </ns2:PreviousDocument>
    </ns2:GovernmentAgencyGoodsItem>
</ns2:GoodsShipment>
```