



Annex – Template Test Report EETS providers HGVC

Version 1.0

Date: 26-09-2024

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1 Introduction

In this chapter the candidate EETS provider provides a brief summary of the tests carried out, the most important results and the final conclusion from the candidate EETS provider regarding the performed tests.

Note:

In this template all the test parts are included. Please be aware that for each test part the candidate EETS provider must fill in the respective section after completion of testing.

The Toll Charger shall accept the submitted test report for each respective test part!

1.1 Report Approval

By signing this report, the Toll Charger declares that he has reviewed this report and agrees with its content.

Signature:

Date:

Print Name:

Title:

Role:



2 Testing Summary

In this chapter the candidate EETS provider summarizes shortly the results of the test parts that have been performed as stated in the test plan conform article 46.6 from the EETS Domain Statement.

Also should be stated which system was tested and which version number of software/hardware was used.

System Name: *[System name]*

Version Number: *[Version number]*

Additional Comments: *[Enter any additional comments]*

2.1 Test part A1 Conformity assessment

This chapter describes the results of the conformity assessment. If this chapter is not applicable for this test report, this can be stated here.

Document Name: *[John Doe]*

Document Version: *[vx.x]*

Document Date: *[mm/dd/yyyy]*

Additional Comments: *[Enter any summary comments]*

2.2 Test part A2 Transferring keys and certificates

This chapter describes the results of the transferring keys and certificates tests. If this chapter is not applicable for this test report, this can be stated here.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*



2.3 Test part B1 DSRC Compatibility

This chapter describes the results of the DSRC Compatibility tests. If this chapter is not applicable for this test report, this can be stated here.

2.3.1 B1.1 Secure connection

This section contains the results of the Secure connection test performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*

2.3.2 B1.2 Compatibility assessment

This section contains the results of the Compatibility assessments tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*

2.3.3 B1.3 Dynamic testing

This section contains the results of the Dynamic testing tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*



2.4 Test part B2 Backoffice Compatibility

This chapter describes the results of the Backoffice compatibility tests. If this chapter is not applicable for this test report, this can be stated here.

2.4.1 B2.1 Technical Interface tests

This section contains the results of the technical interface tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*

2.4.2 B2.2 Periodic data exchange tests

This section contains the results of the Periodic data exchange tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*

2.4.3 B2.3 Data exchange for daily operations tests

This section contains the results of the Data exchange for daily operations tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*

2.4.4 B2.4 Data exchange requested by Toll charger tests

This section contains the results of the Data exchange requested by Toll charger tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*



2.5 Test part C1 Map Matching & Toll Collection

This section contains the results of the Map matching tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary comments]*

2.6 Test part C2 Financial administration and payment Heavy Goods Vehicle Charge

This section contains the results of the Financial administration and payment Heavy Goods Vehicle Charge tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary]*

2.7 Test part C3 Monitoring EETS Provider

This section contains the results of the Monitoring tests performed, including: what was tested, the results of the tests and any unexpected/special events.

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary]*



2.8 Operational testing

This chapter includes basic information about what was tested and what happened during this test part. Also should be stated which system was tested, which version number of software/hardware was used.

If this chapter is not applicable for this test report, this can be stated here.

System Name: *[System name]*

Version Number: *[Version number]*

Additional Comments: *[Enter any additional comments]*

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary]*

2.9 Other testing

This chapter includes basic information about what was tested and what happened during this test part. Also should be stated which system was tested, which version number of software/hardware was used.

If this chapter is not applicable for this test report, this can be stated here.

System Name: *[System name]*

Version Number: *[Version number]*

Additional Comments: *[Enter any additional comments]*

Test Owner: *[John Doe]*

Test Date: *[mm/dd/yyyy] - [mm/dd/yyyy]*

Test Results: *[Enter a summary of the test conducted and results]*

Additional Comments: *[Enter any summary]*

3 Test Results

In this chapter the candidate EETS provider summarizes the test results, any deviations from the test plan, the different test designs, the different test cases prepared, and any problems and/or bugs discovered during the execution of the tests.

Note:

This chapter includes all test parts. Only the test part that is applicable to the respective test report should be included in this chapter, the other test parts should be removed.

3.1 Test part A1 Conformity assessment

The candidate EETS provider will provide the documents of the conformity assessment in accordance with paragraph 3.2 of Article 46.3 - EETS Domain Statement HGVC.

3.2 Test part A2 Transferring keys and certificates

The tables below summarizes the results of the performed tests.

If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

3.2.1 A2 Transferring keys and certificates

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
2.1 Transfer of keys/certificates from the Toll charger to the EETS provider						<Yes> or <No>	

2.2 Transfer of keys/certificates from the EETS provider to the Toll charger						<Yes> or <No>	
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3.3 Test part B1 DSRC Compatibility

The tables below summarize the results of the performed DSRC Compatibility tests.
If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

3.3.1 B1.1 Secure connection

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B1.1.1 Secure connection						<Yes> or <No>	

3.3.2 B1.2 Compatibility assessment

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B1.2.1 Alignment between OBE and DSRC reader						<Yes> or <No>	

B1.2.2 Reinitialization after closed transaction						<Yes> or <No>	
B1.2.3 Simultaneous connection to various DSRC readers						<Yes> or <No>	
B1.2.4 Authenticated retrieval of PaymentMeans						<Yes> or <No>	
B1.2.5 Errors during the retrieval of an attribute						<Yes> or <No>	
B1.2.6 Non-authenticated retrieval of Vehicle attributes						<Yes> or <No>	
B1.2.7 Authenticated retrieval of Vehicle attributes						<Yes> or <No>	
B1.2.8 Authenticated retrieval of Vehicle attributes						<Yes> or <No>	
B1.2.9 Complete DSRC transaction						<Yes> or <No>	
B1.2. 10 Real-time adjustment of the OBE status indicator						<Yes> or <No>	

3.3.3 B1.3 Dynamic testing

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B1.3.1 Vehicle speed						<Yes> or <No>	
B1.3.2 Lane switches						<Yes> or <No>	

3.4 Test part B2 Backoffice Compatibility

The table below summarizes the results of the performed Backoffice compatibility tests.
If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

3.4.1 B2.1 Technical Interface tests

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B2.1.1 Transmission of an empty "Exception list (whitelist)"						<Yes> or <No>	
B2.1.2 Transmission of an empty "Exception list (blacklist)"						<Yes> or <No>	

B2.1.3 Transmission of a dummy "Billing details"						<Yes> or <No>	
B2.1.4 Transmission of a dummy "Payment announcement"						<Yes> or <No>	
B2.1.5 Transmission of a RequestADU by the Toll charger						<Yes> or <No>	

3.4.2 B2.2 Periodic data exchange tests

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B2.2.1 Transmission of "EFC Context data" by the Toll charger						<Yes> or <No>	
B2.2.2 Transmission of "Trust object" by the Toll charger						<Yes> or <No>	
B2.2.3 Transmission of "Trust object" by the EETS provider						<Yes> or <No>	

3.4.3 B2.3 Data exchange for daily operations tests

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B2.3.1 New entries of EETS users						<Yes> or <No>	
B2.3.2 Deregistering vehicles						<Yes> or <No>	

B2.3.3 Blocking users – full and incremental list update						<Yes> or <No>	
B2.3.4 Unblocking Blocking and unblocking users – full and incremental list update						<Yes> or <No>	
B2.3.5 Exception list handling (whitelist and blacklist) in Dutch HGV toll domain						<Yes> or <No>	
B2.3.6 Toll collection process						<Yes> or <No>	
B2.3.7 Transmission of abnormalities in on-board unit						<Yes> or <No>	

3.4.4

B2.4 Data exchange requested by Toll charger tests

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
B2.4.1 Request toll declaration for specific trips						<Yes> or <No>	
B2.4.2 Request toll declaration for all trips in specific time period						<Yes> or <No>	
B2.4.3 Request user details for multiple UserIds						<Yes> or <No>	
B2.4.4 Request user details after changing information						<Yes> or <No>	

3.5 Test part C1 Map Matching & Toll Collection

The table below summarizes the results of the performed end-to-end tests.
If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
C1.1 Driving on the chargeable road network for correct map-matching and toll collection						<Yes> or <No>	

3.6 Test part C2 Financial administration and payment Heavy Goods Vehicle Charge

The table below summarizes the results of the performed end-to-end tests.
If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
C2.1 Special trip – Exchange of on-board equipment in a vehicle						<Yes> or <No>	
C2.2 Special trip – Transferring the on-board unit to another vehicle						<Yes> or <No>	
C2.3 Special trip – Driving with a vehicle without an active service agreement						<Yes> or <No>	

C2.4 Special trip – Driving with an OBE without power source						<Yes> or <No>	
C2.5 Special trip – Crossing the border						<Yes> or <No>	

3.7 Test part C3 Monitoring EETS Provider

The table below summarizes the results of the performed end-to-end tests.

If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
C3.1 Process description in relation to reporting						<Yes> or <No>	
C3.2 Existing reporting from other Toll Domains as proof of process						<Yes> or <No>	

3.8 Operational testing

The table below summarizes the results of the performed operational tests. If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
						<Yes> or <No>	

						<Yes> or <No>	
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3.9 Other testing

The table below summarizes the results of the performed other tests. If a test case failed the corresponding Test Incident ID should be listed in the Comments column.

Test Case ID	Date Tested	Name of Tester	Pass/Fail	Severity of Defect	Summary of Defect	Closed prior to Production Release?	Comments
						<Yes> or <No>	
						<Yes> or <No>	