

DESCRIPTION OF CONNECTIVITY TEST CASES

The table below provides an overview of the connectivity test cases. The detailed description of individual scenarios is provided in the following pages of this annex.

TARGET platform

Test-ID	Function	Type ¹	Applicable to ²
CON-T2-ICM	TARGET2 Access via ICM U2A (for PM, HAM, SF and RM)	MAND	DP, AS, HAM
CON-T2-A2A	Sending a TARGET2 A2A message over Interact	COUS	DP, AS, HAM
CON-T2-FIL	Sending a file containing A2A message over FileAct to TARGET	COUS	DP, AS, HAM
CON-T2-PM1	Access to PM by sending an Interbank payment	MAND	DP, MAP (SWIFT-based participant only)
CON-T2-HAM	Access to HAM as HAM account holder by sending an Interbank payment	COUS	HAM
CON-T2-CBC	Access to HAM as CB customers by sending an Interbank payment	COUS	CBC (SWIFT-based participant only)

TARGET2 Securities platform

The connectivity testing related to the TARGET2 Securities platform are included in the document “T2S programme, Certification testing, test cases”, available on the T2S web site³ and have the following references:

- CERT_13 (mandatory): Send a request for an immediate Outbound Liquidity Transfer
- CERT_14 (optional): Send a request for defining a Security as eligible for collateralisation
- CERT_15 (optional): Send a Security Valuation Creation
- CERT_07 (mandatory): Receive a report

¹ MAND - Mandatory, i.e. test case has to be performed by all TARGET2 users it is applicable to (see following column)
 COUS - Conditional/user, i.e. test case becomes mandatory, if the user intends to use this functionality in live operations

² AS - Ancillary system
 CBC - CB customer account holder in HAM
 DP - Direct participant
 DP (VAS)- Direct participant having subscribed to Value added services
 HAM - HAM account holder
 MAP - Multi-addressee participant
 IBP - Internet-based participant

³ https://www.ecb.europa.eu/paym/t2s/progress/pdf/2013-11-07-eurosystem-certification-test-cases-v1_0.pdf?b74b5a18f11646748cbb65550dfa8a61

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- CERT_17 (mandatory): Enter a immediate Outbound Liquidity Transfer
- CERT_12 (mandatory): Display a report

DESCRIPTION OF CONNECTIVITY TEST CASES

Test ID	CON-T2-A2A
Function	Sending a TARGET2 A2A message over Interact (for PM, HAM, SF and RM)
Test category	COUS
Apply to	DP, AS, HAM
Phase of the business day	n/a
Pre-conditions	<ul style="list-style-type: none">• TARGET2 registration and BIC registration completed. Local application communicating with TARGET2 certified.
Description	The user triggers via his local application a TARGET2 A2A message that will be send over SWIFT to TARGET2.
Expected results	<ul style="list-style-type: none">• Message sent to TARGET2 <input type="checkbox"/>• User application to receive and treat the notification <input type="checkbox"/>
	Comment:
References	UDFS IV

DESCRIPTION OF CONNECTIVITY TEST CASES

<i>Test ID</i>	CON-T2-FIL
<i>Function</i>	Sending a file containing A2A message over FileAct to TARGET (for PM, HAM, SF and RM)
<i>Test category</i>	COUS
<i>Apply to</i>	DP, AS, HAM
<i>Phase of the business day</i>	n/a
<i>Pre-conditions</i>	<ul style="list-style-type: none">• TARGET2 registration and BIC registration completed. Local application communicating with TARGET2 certified.
<i>Description</i>	The user triggers via his local application a file containing TARGET2 A2A message that will be send via SWIFT to TARGET2.
<i>Expected results</i>	<ul style="list-style-type: none">• File sent to TARGET2 <input type="checkbox"/>• User application to receive and treat the file notification <input type="checkbox"/> <p>Comment:</p>
<i>References</i>	UDFS IV

DESCRIPTION OF CONNECTIVITY TEST CASES

Test ID	CON-T2-PM1												
Function	Access to PM by sending an Interbank payment												
Test category	MAND												
Apply to	DP, MAP (SWIFT-based participant only)												
Phase of the business day	n/a												
Pre-conditions	<ul style="list-style-type: none"> • TARGET2 and SWIFTNet registration (including access to the CUG for PM) and respective static data set-up in the SSP user test environment completed • SWIFT interface installed and adjusted in accordance with Service Profiles • 												
Description	<p>The user sends a payment message (MT202) with a past value date.</p> <p>Specific details of the message:</p> <table border="1"> <thead> <tr> <th>Field</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Sender</td> <td>participant's test BIC</td> </tr> <tr> <td>Receiver</td> <td>participant's test BIC</td> </tr> <tr> <td>103 (header)</td> <td>TGT</td> </tr> <tr> <td>32A</td> <td>past value date</td> </tr> <tr> <td>58A</td> <td>participant's test BIC</td> </tr> </tbody> </table>	Field	Description	Sender	participant's test BIC	Receiver	participant's test BIC	103 (header)	TGT	32A	past value date	58A	participant's test BIC
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Sender	participant's test BIC												
Receiver	participant's test BIC												
103 (header)	TGT												
32A	past value date												
58A	participant's test BIC												
Expected results	<ul style="list-style-type: none"> • Receipt of an abort notification (MT019) containing the error code D1 in field 432 as the reason for rejecting the message <input type="checkbox"/> <p>Comment:</p>												
References	UDFS I/9.1												

DESCRIPTION OF CONNECTIVITY TEST CASES

Test ID **CON-T2-HAM**

Function Access to HAM as HAM account holder by sending an Interbank payment

Test category MAND (optional for Internet-based participant)

Apply to HAM

Phase of the business day n/a

Pre-conditions

For SWIFT-based participant:

- TARGET2 and SWIFTNet registration (including access to the CUG for HAM) and respective static data set-up in the SSP user test environment completed
- SWIFT interface installed and adjusted in accordance with Service Profiles
- Exchange of RMA with the BIC TRGTXEHO

For Internet-based participant:

- TARGET2 registration and BIC registration completed. Connection of compatible card reader (hardware & software) completed. Compatible browser software installation completed. Ordering of personalized cards for authenticated access (IAM) completed. static data set-up in the SSP user test environment completed

Description The user sends a payment message (MT202) with today's value date, which does not contain field 103 in the user header (no Y-copy).

Specific details of the message:

<i>Field</i>	<i>Description</i>
<i>Sender</i>	participant's test BIC BIC (TRGTXEPOLVP for Internet-based participant)
<i>Receiver</i>	TRGTXEHOXXX
<i>32A</i>	today's value date
<i>58A</i>	participant's test BIC (same BIC as sender)

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Expected results

- Receipt of an MT019 with error code XI00 'generic error'(debtor and creditor must be different)
- Receipt of the MT202 from HAM with field 72 containing /REJT/20

Comment:

References

UDFS II/12.1.4

DESCRIPTION OF CONNECTIVITY TEST CASES

Test ID											
<i>Test ID</i>	CON-T2-CBC										
<i>Function</i>	Access to HAM as CB customer account holder by sending an Interbank payment										
<i>Test category</i>	COUS										
<i>Apply to</i>	CBC (SWIFT-based participant only)										
<i>Phase of the business day</i>	n/a										
<i>Pre-conditions</i>	<ul style="list-style-type: none"> • TARGET2 and SWIFTNet registration (including access to the CUG for CB customers) and respective static data set-up in the SSP user test environment completed • SWIFT interface installed and adjusted in accordance with Service Profiles • Exchange of RMA with the BIC TRGTXEC0 										
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<i>Expected results</i>	<ul style="list-style-type: none"> • Receipt of an MT019 with error code XI00 'generic error'(debtor and creditor must be different) <input type="checkbox"/> • Receipt of the MT202 from HAM with field 72 containing /REJT/20 <input type="checkbox"/> <p>Comment:</p>										
<i>References</i>	UDFS II/12.1.4										