Interoperability test cases for TARGET2 (including interface testing to T2S and TIPS) of the Release 1~~2.1~~3.0 *of ~~29~~ 18 ~~April~~ November 2019*

~~Release 12.1~~	~~Test case(s) affected~~	~~New/Change /Deletion/correction (Nature of the change)~~	~~Publication~~
~~Initial~~	~~IOP-T2SI-010~~ ~~IOP-T2SI-015~~ ~~IOP-T2SI-020~~ ~~IOP-T2SI-025~~ ~~IOP-T2SI-030~~ ~~IOP-T2SI-050~~ ~~IOP-T2SI-060~~ ~~IOP-T2SI-065~~ ~~IOP-T2SI-100~~ ~~IOP-T2SI-105~~ ~~IOP-T2SI-110~~ ~~IOP-T2SI-120~~ ~~IOP-T2SI-130~~ ~~IOP-T2SI-140~~ ~~IOP-TIPS-xxx~~ ~~IOP-PM-xxx~~ ~~IOP-PMB-xxx~~ ~~IOP-PML-xxx~~ ~~IOP-PMQ-xxx~~ ~~IOP-HAM-xxx~~ ~~IOP-SF-xxx~~ ~~IOP-COM-xxx~~ ~~IOP-AS-xxx~~	~~camt version change due to release 12.1 of 29 April 2019 affecting T2SI~~ ~~Specification of the compatible xml version for release12.0 for TIPS related test cases~~ ~~Specification of the compatible xml versions for release 12.0 for other test cases~~	~~Dec 2018~~

Release 13.0	Test case(s) affected	New/Change /Deletion/correction (Nature of the change)	Publication
Initial	IOP-ECONS-PM-010 IOP-ECONS-PM-020 IOP-ECONS-PM-060	New test cases in relation with ECONS (CR-800)	

	IOP-ECONS-PM-070 IOP-ECONS-AS-010 IOP-AS-6RT-640 IOP-AS-6RT-641 IOP-AS-6RT-642 IOP-AS-6RT-650 IOP-AS-6RT-660 IOP-TIPS-240	New test cases in relation with ASI6RT for AS (CR-812-813) New test case in relation with connected TIPS DCA closing balance (CR-814)	

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Test cases related to core PM Functionalitites

Test ID	**IOP-PM-010**
Function	Download (pull mode) of full version of the T2 directory
Test category	MAND[1]
Apply to	DP[2] (SWIFT-based participant only)
Phase of the business day	n/a
Pre-conditions	---
Description	The user initiates via SWIFTNet FileAct (service 'trgt.papss!p', request type 'reda.xxx.target2.dirfull') the download of a full version of the T2 Directory.
Expected results	• Full TARGET2 directory (current version) is received via SWIFTNet FileAct ☐ Comment:
References	UDFS I/9.3 and IV/2.4

[1] MAND=Mandatory; COUS=Conditional Usage (=Mandatory when used)

[2] Participation types: DP=Direct participant; IBP=Internet Participant; IDP=Indirect Participant; MAP=Multi-adresee participant; HAM=HAM participant; AS= Ancillary System; SB=Settlement bank participating in AS settlement; GoA Man= Group of account manager

Test ID	**IOP-PM-020**
Function	Download (pull mode) of update version of the T2 directory
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	n/a
Pre-conditions	---
Description	The user initiates via SWIFTNet FileAct (service 'trgt.papss!p', request type 'reda.xxx.target2.dirupdate) the download of an update version of the T2 Directory.
Expected results	• An update file to the TARGET2 directory (current version) is received via SWIFTNet FileAct ☐ Comment:
References	UDFS I/9.3 and IV/2.4

Test ID	**IOP-PM-030**
Function	Download (push mode) of update version of the T2 directory
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	n/a
Pre-conditions	---
Description	The user initiates via SWIFTNet FileAct (service 'trgt.sfpapss!p', request type 'reda.xxx.target2.dirupdate) the download of the update version of the T2 Directory, which was sent by the SSP to the SWIFTNet Store&Forward service on Thursday after end-of-day.
Expected results	• An update file to the TARGET2 directory (current version) is received via SWIFTNet FileAct ☐ Comment:
References	UDFS I/9.3 and IV/2.4

Test ID	**IOP-PM-040**
Function	ICM consultation of a TARGET2 directory entry
Test category	MAND
Apply to	DP, MAP
Phase of the business day	n/a
Pre-conditions	---
Description	The user open the screen Static data/Participant/TARGET2 and specifies a BIC
Expected results	Information on the BIC including routing information appears on the screen ☐ Comment:
References	UDFS I/2.1.7

Test ID	**IOP-PM-100 (test case introduced with release 7.0)**
Function	Liquidity transfer made via ICM/U2A, display from release 7.0 thousands' separators and decimal
Test category	MAND
Apply to	DP, MAP, HAM
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CULIQUFO and HAMANAFE (for fill in and/or input in ICM) • Sufficient liquidity on RTGS and HAM accounts
Description	The user generates **(on ICM)** and sends a Liquidity Transfer, with all mandatory fields in favour of HAM participant. Specific details of the message:

Field	***Description***
(For Information) Sender	DP or HAM or MAP participant's test BIC
Receiver	test BIC of HAM participant as defined as counterpart
Amount	Upper than 1.000 Eur, and including decimal places

If Four Eyes mode, the transaction must be validate to be settled.

Expected results	• Seeing thousands' separators and decimal places on ICM as soon as fill in the ICM by the first user☐ Comment:
References	UDFS I/9.2.4.1.3.1 ICM-UHB I/6.1.2.1.

Test ID	**IOP-PM-110**
Function	Sending of a customer payment by non-gpi TARGET2 participant (MT103 or equivalent ICM payment for IBP) to a direct participant using the routing information of the TARGET2 directory (with gpi field 121 UETR from release 12.0)
Test category	COUS for non gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103 or equivalent ICM payment), normal priority, with all mandatory and optional fields in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 BIC directory)
113 (header)	banking priority, first character: N Field 121 UETR filled-in (filled-out automatically for IBP)
First of 56A or 57A:	Account holder as mentionned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.1 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-110a**
Function	Sending of a customer payment by gpi TARGET2 participant (MT103 or equivalent ICM payment for IBP) to a direct participant using the routing information of the TARGET2 directory (with gpi fields 111 & 121 UETR from release 12.0)
Test category	COUS for gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103 or equivalent ICM payment), normal priority, with all mandatory and optional fields in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 BIC directory)
113 (header)	banking priority, first character: N Field 121 UETR present (filled-in automatically for IBP) Field 111 present
First of 56A or 57A:	Account holder as mentionned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.1 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-115a**
Function	Receipt of a customer payment (MT103) from a direct containing gpi fields (field 121 UETR and/or field 111)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB acting as direct participant to send a customer payment (MT103), urgent priority, with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	test BIC of direct participant simulated by CB (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	DP, MAP participant's test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority, first character: U Field 121 UETR present

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT103 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.1 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-120**
Function	Sending of a customer payment by non gpi and TARGET2 participant (MT 103+ or equivalent ICM payment) to a direct participant using the routing information of the TARGET2 directory (with gpi field 121 UETR from release 12.0)
Test category	COUS for non gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103+ or equivalent ICM payment), urgent priority, with all mandatory fields in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 directory)
113 (header)	banking priority, first character: U Field 121 UETR present (filled-out automatically for IBP)
119 (header)	STP
First of 56A or 57A:	Account holder as mentionned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.2 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-120a**
Function	Sending of a customer payment by gpi and TARGET2 participant (MT 103+ or equivalent ICM payment) to a direct participant using the routing information of the TARGET2 directory (with gpi fields 111 & 121 UETR from release 12.0)
Test category	COUS for gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103+ or equivalent ICM payment), urgent priority, with all mandatory fields in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 directory)
113 (header)	banking priority, first character: U Field 121 UETR present (filled-out automatically for IBP) Field 111 present
119 (header)	STP
First of 56A or 57A:	Account holder as mentionned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.2 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-125a**
Function	Receipt of a customer payment (MT103+) from a direct participant containing (field 121 UETR and/or field 111)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB acting as direct participant to send a customer payment (MT103+), normal priority, with all mandatory fields. Specific details of the message:

Field	***Description***
Sender	test BIC of direct participant simulated by CB (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	DP. MAP participant's test BIC (alternatively TRGTXEP0LVP when the receiver is an Internet-based participant)
113 (header)	banking priority, first character: N Field 121 UETR present
119 (header)	STP

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT103+ received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.2 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-130**
Function	Sending of an interbank payment by non gpi and TARGET2 participant (MT202 or equivalent ICM payment) to a direct participant using the routing information of the TARGET2 directory (with gpi field 121 UETR from release 12.0)
Test category	MAND for non gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends an interbank payment (MT202 or equivalent ICM payment), urgent priority, with all mandatory and optional fields in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 directory)
113 (header)	banking priority, first character: U Field 121 UETR present (filled-out automatically for IBP)
57A:	Account holder as mentionned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-130a**
Function	Sending of an interbank payment by gpi and TARGET2 participant (MT202 or equivalent ICM payment) to a direct participant using the routing information of the TARGET2 directory (with gpi fields 111 & 121 UETR from release 12.0)
Test category	COUS for gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends an interbank payment (MT202 or equivalent ICM payment), urgent priority, with all mandatory and optional fields in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 directory)
113 (header)	banking priority, first character: U Field 121 UETR present (filled-out automatically for IBP) Field 111 present
57A:	Account holder as mentionned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-131**
Function	Sending of an Interbank transfer (MT202) from RTGS to HAM account via ICM with gpi fields
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day Trade
Pre-conditions	• RBAC profile: at least CULIQUTE/FE or CUGAMATE/FE • Sufficient funds/overdraft available
Description	User initiates Interbank transfer from RTGS to HAM account via ICM - function: "Interbank transfer to other HAM accounts" GPI fields filled-in.
Expected results	Payment is settled and visible in the screen select payments for the direct participant
References	UDFS I/2.3.1.

Test ID	**IOP-PM-135**
Function	Receipt of an interbank payment (MT202) from a direct participant containing gpi field (field 121 UETR and/or field 111)
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB acting as direct participant to send an interbank payment (MT202), urgent priority, with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	test BIC of direct participant simulated by CB (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	participant's test BIC (alternatively TRGTXEP0LVP when the receiver is an Internet-based participant)
113 (header)	banking priority, first character: U Field 121 UETR present

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT202 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-136**
Function	Sending of an interbank payment by non gpi and TARGET2 participant (MT202COV or equivalent ICM payment) to a direct participant in PM using the routing information of the TARGET2 directory (with gpi field 121 UETR from release 12.0)
Test category	COUS for non gpi/T2 users
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends an interbank payment (MT202COV or equivalent ICM payment), urgent priority, with all mandatory and optional fields (sequence A & B) in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 directory)
113 (header)	banking priority, first character: U Field 121 UETR present (filled-out automatically for IBP)
57A:	Account holder as mentioned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.3 , 9.1.2.4.1 and 9.1.2.2.1.4 ICM-UHB I/6.1.1

Test ID	**IOP-PM-136a**
Function	Sending of an interbank payment by gpi and TARGET2 participant (MT202COV or equivalent ICM payment) to a direct participant in PM using the routing information of the TARGET2 directory (with gpi fields 111 & 121 UETR from release 12.0)
Test category	COUS for gpi/T2 users
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends an interbank payment (MT202COV or equivalent ICM payment), urgent priority, with all mandatory and optional fields (sequence A & B) in favour of a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	test BIC of direct participant as defined by CB (mentioned as "Addressee" in the T2 directory)
113 (header)	banking priority, first character: U Field 121 UETR present (filled-out automatically for IBP) Field 111 present
57A:	Account holder as mentioned in the T2 directory

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.3 , 9.1.2.4.1 and 9.1.2.2.1.4 ICM-UHB I/6.1.1

Test ID	**IOP-PM-137a**
Function	Receipt of an interbank payment (MT202COV) from a direct participant in PM (field 121 UETR and/or field 111)
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB acting as direct participant to send an interbank payment (MT202COV), urgent priority, with all mandatory and optional fields (sequence A & B). Specific details of the message:

Field	***Description***
Sender	test BIC of direct participant simulated by CB (alternatively TRGTXEP0LVP when the sender is an Internet-based participant)
Receiver	participant's test BIC (alternatively TRGTXEP0LVP when the receiver is an Internet-based participant)
113 (header)	banking priority, first character: U Field 121 UETR present

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT202 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.3 , 9.1.2.4.1 and 9.1.2.2.1.4 ICM-UHB I/6.1.1

Test ID	**IOP-PM-138**
Function	Receipt of an interbank payment (MT202 simplified) from a HAM participant (other CB) (field 121 UETR and/or field 111)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests a HAM participant of another CB (or this other CB itself acting on behalf of the HAM participant) to send an interbank payment (MT202 simplified), with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	BIC of HAM TRGTXEH0XXX
Receiver	participant's test BIC (alternatively TRGTXEP0LVP when the receiver is an Internet-based participant)
113 (header)	banking priority, first character: U

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT202 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-139**
Function	Receipt of an interbank payment (MT202COV) from a CB Customer (other CB) (field 121 UETR and/or field 111)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB acting as CB customer to send an interbank payment (MT202COV), urgent priority, with all mandatory and optional fields. The user requests a CB Customer of another CB (or this other CB itself acting on behalf of the CB Customer) to send an interbank payment (MT202COV), with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	BIC of HAM TRGTXEC0ccX
Receiver	participant's test BIC
113 (header)	banking priority, first character: U Field 121 UETR present Field 111 present

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT202COV received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-140**
Function	Sending of a direct debit message (MT204) to a direct participant
Test category	COUS
Apply to	DP, MAP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for checks in ICM) • Sufficient liquidity on RTGS account to be debited • User is authorized by the CB to debit that RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a direct debit message (MT204), normal priority, with all mandatory fields to be debited to a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP participant's test BIC
Receiver	test BIC of direct participant as defined by CB
113 (header)	banking priority, first character: N
53A:	test BIC of direct participant as defined by CB

Expected results	• Direct debit is settled and user's RTGS account credited (check in ICM) ☐ • *Optional:* message MT 012 received and processed correctly ☐ Comment :
References	UDFS I/2.6.2.1.1, 9.1.2.2.1.4 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-145**
Function	Receipt of a direct debit message (MT204) from a Central Bank
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM) • Sufficient liquidity on RTGS account of the user • Direct participant simulated by CB is authorised to debit the account of the user
Description	The user requests the respective CB acting as direct participant to send a direct debit (MT204), urgent priority, with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	test BIC of direct participant simulated by CB (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	participant's test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	Banking priority, first character: U

Expected results	• User's RTGS account debited and direct debit settled (check in ICM) ☐ • MT204 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.1, 9.1.2.2.1.4 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-210**
Function	Sending of a customer payment (MT103 or equivalent ICM payment) by non gpi and TARGET2 participant to an indirect participant using the routing information of the TARGET2 directory (with gpi field 121 UETR from release 12.0)
Test category	COUS for non gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account of the direct participant • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103 or equivalent ICM payment), normal priority, with all mandatory and optional fields in favour of an indirect participant. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant defined in T2 directory as BIC Addressee for indirect participant (BIC Participant) mentioned in first of fields 56A and 57A
113 (header)	banking priority, first character: N Field 121 UETR present (filled-out automatically for IBP)
First of 56A or 57A:	test BIC of indirect participant *as defined by CB*

Expected results	• Direct Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.1 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-210a**
Function	Sending of a customer payment (MT103 or equivalent ICM payment) by gpi and TARGET2 participant to an indirect participant using the routing information of the TARGET2 directory(with gpi fields 111 & 121 UETR from release 12.0)
Test category	COUS for gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account of the direct participant • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103 or equivalent ICM payment), normal priority, with all mandatory and optional fields in favour of an indirect participant. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant defined in T2 directory as BIC Addressee for indirect participant (BIC Participant) mentioned in first of fields 56A and 57A
113 (header)	banking priority, first character: N Field 111 present (filled-out automatically for IBP) Field 121 UETR present
First of 56A or 57A:	test BIC of indirect participant *as defined by CB*

Expected results	• Direct Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.1 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-215**
Function	Receipt of a customer payment (MT103) from an indirect participant (field 121 UETR and/or field 111)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB simulating an indirect participant to send a customer payment (MT103), urgent priority, with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	test BIC of respective direct participant related to indirect participant mentioned in field 52A
Receiver	DP, MAP participant's test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority, first character: U Field 121 UETR present Field 111 present
52A	Test BIC of indirect participant

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT103 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.2, 9.1.2.2.1.1 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-220**
Function	Sending a customer payment (MT103+ or equivalent ICM payment) by non gpi and TARGET2 participant to an indirect participant using the routing information of the TARGET2 directory
Test category	COUS for non gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103+ or equivalent ICM payment), urgent priority, with all mandatory fields in favour of an indirect participant. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant defined in T2 directory as BIC Addressee for indirect participant (BIC Participant) mentioned in first of fields 56A and 57A
113 (header)	banking priority, first character: U
119 (header)	STP Field Field 121 UETR UETR present (filled-out automatically for IBP)
First of 56A or 57A:	test BIC of indirect participant *as defined by CB*

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.2 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-220a**
Function	Sending a customer payment (MT103+ or equivalent ICM payment) by gpi and TARGET2 participant to an indirect participant using the routing information of the TARGET2 directory
Test category	COUS for gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a customer payment (MT103+ or equivalent ICM payment), urgent priority, with all mandatory fields in favour of an indirect participant. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC (alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant defined in T2 directory as BIC Addressee for indirect participant (BIC Participant) mentioned in first of fields 56A and 57A
113 (header)	banking priority, first character: U Field 111 present (filled-out automatically for IBP) Field 121 UETR present
119 (header)	STP
First of 56A or 57A:	test BIC of indirect participant *as defined by CB*

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.2 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-225**
Function	Receipt of a customer payment (MT103**+**) from an indirect participant (field 121 UETR and/or field 111)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB simulating an indirect participant to send a customer payment (MT103+), urgent priority, with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	test BIC of respective direct participant related to indirect participant mentioned in field 52A
Receiver	DP, MAP participant's test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority, first character: U Field 121 UETR present Field 111 present
52A	Test BIC of indirect participant

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT103 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.2, 9.1.2.2.1.2 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-230**
Function	Sending an interbank payment (MT202 or equivalent ICM payment) by non gpi TARGET2 participant to an indirect participant using the routing information of the TARGET2 directory directory (with gpi field 121 UETR from release 12.0)
Test category	COUS for non gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends an interbank payment (MT202 or equivalent ICM payment), urgent priority, with all mandatory fields in favour of an indirect participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP(alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant defined in T2 directory as BIC Addressee for indirect participant (BIC Participant) mentioned in first of fields 56A, 57A and 58A
113 (header)	Banking priority, first character: U Field 121 UETR filled-in (filled-out automatically for IBP)
First of 56A, 57A or 58A:	test BIC of indirect participant as defined by CB

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-230a**
Function	Sending an interbank payment (MT202 or equivalent ICM payment) by gpi TARGET2 participant to an indirect participant using the routing information of the TARGET2 directory (with gpi fields 111 & 121 UETR from release 12.0)
Test category	COUS for gpi/T2 users
Apply to	DP, MAP, IBP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks and/or input in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends an interbank payment (MT202 or equivalent ICM payment), urgent priority, with all mandatory fields in favour of an indirect participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP(alternatively TRGTXEP0LVP for Internet-based participant)
Receiver	test BIC of direct participant defined in T2 directory as BIC Addressee for indirect participant (BIC Participant) mentioned in first of fields 56A, 57A and 58A
113 (header)	Banking priority, first character: U Field 121 UETR filled-in (filled-out automatically for IBP) Field 111 filled-in if user belongs to GPI CUG
First of 56A, 57A or 58A:	test BIC of indirect participant as defined by CB

Expected results	• Participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-235**
Function	Receipt of an interbank payment (MT202) from an indirect participant (field 121 UETR and/or field 111)
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM)
Description	The user requests the respective CB simulating an indirect participant to send an interbank payment (MT202), urgent priority, with all mandatory and optional fields. Specific details of the message:

Field	***Description***
Sender	test BIC of respective direct participant related to indirect participant mentioned in field 52A
Receiver	DP, MAP participant's test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority, first character: U Field 121 UETR present Field 111 present
52A	Test BIC of indirect participant

Expected results	• Payment settled and user's RTGS account credited (check in ICM) ☐ • MT202 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.2, 9.1.2.2.1.3 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-240**
Function	Sending of a direct debit message (MT204) to an indirect participant
Test category	COUS
Apply to	DP, MAP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for checks in ICM) • Sufficient liquidity on RTGS account to be debited • User is authorized by the CB to debit that RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The user generates and sends a direct debit message (MT204), normal priority, with all mandatory fields to be debited to a direct participant. Specific details of the message:

Field	***Description***
Sender	DP or MAP
Receiver	test BIC of direct participant defined in T2 directory for indirect participant mentioned in field 53A
113 (header)	banking priority, first character: N
53A:	test BIC of indirect participant as defined by CB

Expected results	• Direct debit is settled and user's RTGS account credited (check in ICM) ☐ • *Optional:* message MT 012 received and processed correctly ☐ Comment :
References	UDFS I/2.6.2.1.2, 9.1.2.2.1.4 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-245**
Function	Receipt of a direct debit message (MT204) from an indirect participant
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM) • Sufficient liquidity on RTGS account of the user
Description	The user requests the respective CB simulating an indirect participant to send a direct debit (MT204), urgent priority, with all mandatory and optional fields (simulating the debit of some fees). Specific details of the message:

Field	***Description***
Sender	test BIC of direct participant defined in T2 directory for indirect participant mentioned in field 58A
Receiver	participant's test BIC
113 (header)	banking priority, first character: U
57A:	test BIC of direct participant defined in T2 directory for indirect participant mentioned in field 58A
58A:	test BIC of indirect participant defined in T2 directory as defined by CB

Expected results	• User's RTGS account debited and direct debit settled (check in ICM) ☐ • MT204 received and processed correctly ☐ Comment:
References	UDFS I/2.6.2.2.2, 9.1.2.2.1.4 and 9.1.2.4.1 ICM-UHB I/6.1.1

Test ID	**IOP-PM-250**
Function	Default sorting of payments in the ICM screen "Select payment"
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade phase
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM). • The User is assigned to a single RTGS account (no liquidity pooling). • *Optional*: To facilitate the checking in ICM screens, user may use “Entry Time” column in selection criteria preferences.
Description	The user generates and sends several payments (MT103/103+/202/202COV/204), with normal and/or urgent priority (at least 2 payments per priority), with all mandatory fields.
Expected results	In the screen "Select payment", the list of all transactions fulfilling the selection criteria previously specified by the user is displayed according to the following default sorting orders: 1. Ascending order for the priority 2. Descending order for the entry time
References	UHB ICM Book 1 chapter 6.1.1.1.2 Select payments

Test ID	**IOP-PM-260**
Function	Automatic query refresh in the ICM – screen “Select payment”
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade phase
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM).
Description	• The user generates and sends at least two FIN payments, with all mandatory fields for settlement in PM. • In the ICM, the user displays the screen "Select payment". • After the screen is retrieved, the user changes the default sorting (e.g. ascending according to the “Amount (EUR)” column). The same screen according to the new sorting is displayed. • The user sends another FIN payment with all mandatory fields for settlement in PM. • The user activates the refresh button.
Expected results	Result of refreshed query complies with following: 1. Refreshed screen contains new payment, which was sent for settlement in PM since the previous refresh. 2. Changes in the default sorting made by the user are kept after the refresh. 3. In case the refresh was performed not at the first page of the query result, the first page would be displayed after execution of the refresh.
References	UHB ICM Book 1 chapter 6.1.1.1.2 Select payments

Test ID	**IOP-PM-262**
Function	Automatic query refresh in the ICM – screen “Select message”
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade phase
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for checks in ICM).
Description	• The user generates and sends one FIN payment, with all mandatory fields for settlement in PM. • In the ICM, the user displays the screen "Select message". • After the screen is retrieved, the user changes the default sorting (e.g. ascending according to the “SSP Booking ID” column). The same screen according to the new sorting is displayed. • The user sends another FIN payment with all mandatory fields for settlement in PM. • The user activates the refresh button.
Expected results	Result of refreshed query complies with following: 1. Refreshed screen contains new messages, related to the payment which was sent for settlement since the previous refresh. 2. Changes in the default sorting made by the user are kept after the refresh. 3. In case the refresh was performed not at the first page of the query result, the first page would be displayed after execution of the refresh.
References	UHB ICM Book 1 chapter 6.1.1.1.2 Select payments

Test ID	**IOP-PM-330**
Function	Receipt of a customer statement message (MT940)
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	end-of-day
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT940 requested in the static data
Description	User receives and MT940.
Expected results	• MT940 is automatically received at the end-of-the-day ☐ • MT940 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS I/2.2 and 9.1.2.2.2.3

Test ID	**IOP-PM-335**
Function	Receipt of a statement message MT950 (or MT950 like for internet-based participant)
Test category	COUS
Apply to	DP
Phase of the business day	end-of-day (SWIFT-based participant), next business day (Internet-based participant)
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT950 requested in the static data (SWIFT-based participant), or RBAC role or LVMANATE (internet-based participant)
Description	User receives an MT950 via SWIFT or ICM.
Expected results	• MT950 is automatically received at the end of the day (SWIFT-based participant) or available at the next business day (Internet-based participant) ☐ • MT950 correctly reflects debits and credits resulting from payment traffic during the day/previous day ☐ Comment:
References	UDFS I/2.2 and 9.1.2.2.2.4

Test ID	**IOP-PM-410**
Function	MT202 Liquidity transfer to technical account initiated by Settlement Bank (SP 1, Integrated model)
Test category	COUS
Apply to	SB (DP involved in AS using SP1) (excludes execution of payments on behalf of an indirect participant)
Business day phase	Day trade
Pre-conditions	• Correct set-up of static data for AS, Settlement Bank(s) and technical account • Sufficient funds/overdraft available • *Optional* message MT012 enabled
Description	User acting as SB sends correct MT202 (highly urgent) to PM BIC TRGTXEP0ASI. Field 57A: BIC technical account. Field 58A: BIC SB. Optional mechanisms "Scheduled Time /FROTIME/" and "Settlement period /REJTIME/" may be used
Expected results	• Participant's PM account debited (check in ICM) ☐ Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/5.6; ICMUH I 5.6

Test ID	**IOP-PM-420**
Function	ICM Liquidity transfer initiated by Settlement Bank to sub account (SP 6, Interfaced model)
Test category	COUS
Apply to	SB (DP involved in AS using SP6) (includes execution of payments on behalf of an indirect participant)
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC profile: at least CULIQUTE/FE or CUGAMATE/FE or LVMANATE/FE • Sufficient funds/overdraft available
Description	User of SB initiates a liquidity transfer via ICM - function: liquidity transfer from RTGS account to sub account
Expected results	• SB Participant's PM account debited and sub account credited (check in ICM) ☐ • *Optional:* MT900 received and processed correctly (SWIFT-based participant) ☐ Comment:
References	UDFS I/2.8.3, 9.2.6.3 and IV/6.4.14, 6.3.5 ICM-UHB I/6.1.2.1.2 XML: LiquidityCreditTransfer <camt.050.001.04>/<camt.050.001.03[3]> and Receipt <camt.025.001.04>/<camt.025.001.03>

[3] For the A2A messages used in TARGET2, 2 versions are accepted, currently the 2012 and 2017 version (not valid for T2SI and TIPSI, only 1 version)

Test ID	**IOP-PM-460 (from release 12.0 of November 2018, CAMT2012[4] & 2017)**
Function	Get a list of standing orders from RTGS to sub-account (A2A mode) by Settlement Bank involved in AS SP6 interfaced
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is defined as direct participant in Static Data • The user has at least one standing order set • System open
Description	The user sends an A2A message (GetStandingOrderSub_SD) to the SSP to retrieve information on one or more defined Standing Orders for its RTGS account. <BICPtcpt> tag is set to the BIC 11 of the participant. *Additionally, a GetStandingOrderSub_SD_1 syntax can be used.*
Expected results	A ReturnStandingOrderSub message is received ☐ Data in <BizRpt> sections contain correct information on the standing order(s) (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/ 3.2.3; I/9.2.4.1.4.1 UDFS book IV/6.5.20/6.5.46 "GetStandingOrderSub" <camt.998.001.03>/<camt.998.001.02> ; "ReturnStandingOrderSub" <camt.998.001.03>/<camt.998.001.02>.

[4] Former CAMT version 5.0

Test ID	**IOP-PM-470 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Execution of a Standing Order Liquidity transfer to AS sub account via A2A by a Settlement Bank involved in SP6-interfaced
Test category	COUS
Apply to	SB (DP involved in AS using SP6-Interfaced) GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC profile: APPLICATE (A2A only) • Correct set-up of static data for AS, Settlement Bank(s) and sub account • Correct standing order defined by the Settlement Bank or As on behalf • Sufficient funds/overdraft available • *Optional*: MT900/910 enabled
Description	• At the opening of the day-trade phase or night-time settlement: Participant's PM account debited (check in ICM) and AS Sub account credited
Expected results	• *Optional:* Participant is able to treat the MT900-910 ☐ Comment:
References	UDFS I/2.8.3, 9.2.4.1.4.3 and IV/6.5.29, 6.3.5 ICM-UHB I/6.1.2.1. XML: ModifyStandingOrderSub <camt.024.001.05>/<camt024.001.04> and Receipt <camt.025.001.04>/<camt.025.001.03>

Test ID	**IOP-PM-480 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Creation/Modification of a Standing Order Liquidity transfer to AS Sub Account via A2A by Settlement Bank involved in SP6-Interfaced
Test category	COUS
Apply to	SB (DP involved in AS using SP6-Interfaced) GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC profile: APPLICATE (A2A only) • Correct set-up of static data for AS, Settlement Bank(s) and Sub account including the existent standing order liquidity transfer • Sufficient funds/overdraft available • *Optional*: MT900/910 enabled
Description	User acting as SB (or GoA Mngr acting on its behalf) modifies an existing standing order liquidity transfer via A2A (ModifyStandingOrderSub) from RTGS account to AS Sub Account
Expected results	• Participant able to receive and treat theReturnStandingOrderSub ☐ • At the opening of the day-trade phase or night-time settlement: Participant's PM account debited (check in ICM) and AS Sub account credited ☐ • *Optional:* Participant is able to treat the MT900-910 ☐ Comment:
References	UDFS I/2.8.3, 9.2.4.1.4.3 and IV/6.5.29, 6.3.5 ICM-UHB I/6.1.2.1. XML: ModifyStandingOrderSub <camt.024.001.05>/<camt024.001.04> and Receipt <camt.025.001.04>/<camt.025.001.03>

Test ID	**IOP-PM-510**
Function	Define settlement 'from' time for a payment (MT202)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE/FE (for checks in ICM) • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	Participant sends an interbank payment with an Earliest Debit time indicator set (/FROTIME/) in Field 13C. Details to be entered into the message:

Field	***Description***
Sender	Participant's test BIC
Receiver	test BIC as defined by CB (mentioned as "Addressee" of the T2 directory)
13C	**/FROTIME/hhmm+iinn (future time)**
First of 56A, 57A or 58A	test BIC as defined by CB

Expected results	• Participant able to submit a MT202 according to the above characteristics • Transaction stored until indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • At indicated time participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly by participant ☐ Comment:
References	UDFS I/2.7.2 and 9.1.2.2.1.3 ICM-UHB I/6.1.1

Test ID	**IOP-PM-515**
Function	Change settlement 'from' time for a payment (U2A)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: CUPAYMATE/FE or CUGAMATE/FE or LVMANATE/FE • Sufficient funds on RTGS account • Payment with earliest debit time indicator (FROTIME) was sent which has not been reached yet • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The participant changes the FROTIME indicator of a payment waiting for reaching the earliest debit time via ICM ('RTGS, Payments, Payments, Select payments, Earliest Debit time').
Expected results	• Participant able to modify the transaction at ICM • Transaction stored until changed indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • At indicated time participant's account debited and payment settled (check in ICM) ☐ • *Optional:* MT012 received and processed correctly by participant ☐ Comment:
References	UDFS I/2.7.2 and 9.2.4.2.5, IV/6.4.19 and 6.3.5 ICM-UHB I/6.1.1.1.2.3

Test ID	**IOP-PM-520**
Function	Define settlement 'till' time for a payment (MT202)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE/FE (for checks in ICM) • Insufficient funds on RTGS account to settle the payment immediately • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	Participant sends an interbank payment with a Latest Debit time indicator set (/TILTIME/) in Field 13C. Details to be entered into the message:

Field	***Description***
Sender	Participant's test BIC
Receiver	Test BIC as defined by CB (mentioned as "Addressee" of the T2 directory)
13C	**/TILTIME/hhmm+iinn (future time)**
First of 56A, 57A or 58A	Test BIC as defined by CB

Expected results	• Participant able to submit a MT202 according to the above characteristics • Immediate and ongoing attempts to settle the payment ☐ • Transaction stored until indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • Broadcast via ICM issued 15 minutes before indicated ☐ • At indicated time payment remains in queue until sufficient funds are available (Consequence: settlement and optional MT012) or until cut-off (Consequence: rejection with MT019) ☐ • Participant able to receive and treat the MT019. Comment:
References	UDFS I/2.7.2 and 9.1.2.2.1.3 ICM-UHB I/6.1.1

Test ID	**IOP-PM-525**
Function	Change settlement 'till' time for a payment (U2A)
Test category	COUS
Apply to	DP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: CUPAYMATE/FE or CUGAMATE/FE or LVMANATE/FE • Insufficient funds on RTGS account • Payment with latest debit time indicator (TILTIME) queued • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The participant changes the TILTIME indicator of a queued payment via ICM ('RTGS, Payments, Payments, Select payments, Latest Debit time').
Expected results	• Participant able to modify the transaction at ICM • Ongoing attempts to settle the payment ☐ • Transaction stored until changed indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • Broadcast via ICM issued 15 minutes before indicated time ☐ • At indicated time payment remains in queue until sufficient funds are available (Consequence: settlement and optional MT012) or until cut-off (Consequence: rejection with MT019) ☐ Comment:
References	UDFS I/2.7.2 and 9.2.4.2.5, IV/6.4.19 and 6.3.5 ICM-UHB I/6.1.1.1.2.5

Test ID	**IOP-PM-530**
Function	Define settlement 'reject' time for a payment (MT202)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE/FE (for checks in ICM) • Insufficient funds on RTGS account to settle the payment immediately • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	Participant sends an interbank payment with a Latest Debit time indicator set (/REJTIME/) in Field 13C. Details to be entered into the message:

Field	***Description***
Sender	Participant's test BIC
Receiver	Test BIC as defined by CB (mentioned as "Addressee" of the T2 directory)
13C	**/REJTIME/hhmm+iinn (future time)**
First of 56A, 57A or 58A	Test BIC as defined by CB

Expected results	• Participant able to submit a MT202 according to the above characteristics • Immediate and ongoing attempts to settle the payment ☐ • Transaction stored until indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • Broadcast via ICM issued 15 minutes before indicated ☐ • At indicated time payment is rejected (MT019) ☐ • Participant able to receive and treat the MT019. Comment:
References	UDFS I/2.7.2 and 9.1.2.2.1.3 ICM-UHB I/6.1.1

Test ID	**IOP-PM-535**
Function	Change settlement 'reject' time for a payment (U2A)
Test category	COUS
Apply to	DP
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: CUPAYMTE/FE or CUGAMATE/FE or LVMANATE/FE • Insufficient funds on RTGS account • Payment with latest debit time indicator (REJTIME) queued • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The participant changes the REJTIME indicator of a queued payment via ICM ('RTGS, Payments, Payments, Select payments, Latest Debit time').
Expected results	• Participant able to modify the transaction via ICM • Immediate and ongoing attempts to settle the payment ☐ • Transaction stored until indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • Broadcast via ICM issued 15 minutes before indicated ☐ • At indicated time payment is rejected (MT019) ☐ Comment:
References	UDFS I/2.7.2 and 9.2.4.2.5, IV/6.4.19 and 6.3.5 ICM-UHB I/6.1.1.1.2.5

Test ID	**IOP-PM-540**
Function	Define settlement 'CLS' time for a payment (MT202)
Test category	COUS
Apply to	DP, MAP involved in CLS settlement
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE/FE (for checks in ICM) • Insufficient funds on RTGS account to settle the payment immediately • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	Participant sends an interbank payment with a Latest Debit time indicator set (/CLSTIME/). Details to be entered into the message:

Field	***Description***
Sender	Participant's test BIC
Receiver	Test BIC as defined by CB
First of 56A, 57A or 58A	Test BIC as defined by CB
72	**/CLSTIME/hhmm+iinn (future time)**

Expected results	• Participant able to submit a MT202 according to the above characteristics • Immediate and ongoing attempts to settle the payment ☐ • Transaction stored until indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • Broadcast via ICM issued 15 minutes before indicated ☐ • At indicated time payment remains in queue until sufficient funds are available (Consequence: settlement and optional MT012) or until cut-off (Consequence: rejection with MT019) ☐ • Participant able to receive and treat the MT019. Comment:
References	UDFS I/2.7.2 and 9.1.2.2.1.3 ICM-UHB I/6.1.1

Test ID	**IOP-PM-545**
Function	Change settlement 'CLS' time for a payment (U2A)
Test category	COUS
Apply to	DP involved in CLS settlement
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: CUPAYMATE/FE or CUGAMATE/FE or LVMANATE/FE • Insufficient funds on RTGS account • Payment with latest debit time indicator (CLSTIME) queued • *Optional:* Participant may request receipt of MT012 in user header, tag 113
Description	The participant changes the CLSTIME indicator of a queued payment via ICM ('RTGS, Payments, Payments, Select payments, Latest Debit time').
Expected results	• Participant able to modify the transaction via ICM • Ongoing attempts to settle the payment ☐ • Transaction stored until changed indicated time and visible in ICM via 'RTGS, Payments, Payments, Select payments' ☐ • Broadcast via ICM issued 15 minutes before indicated time ☐ • At indicated time payment remains in queue until sufficient funds are available (Consequence: settlement and optional MT012) or until cut-off (Consequence: rejection with MT019) ☐ Comment:
References	UDFS I/2.7.2 and 9.2.4.2.5, IV/6.4.19 and 6.3.5 ICM-UHB I/6.1.1.1.2.5

Test ID	**IOP-PM-600 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	A CAMT2017 (alternatively CAMT2012) "GetBusinessDayInformation" initiated by a direct participant.
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for Direct Participant
Description	The GetBusinessDayInformation message <camt.018.004/camt.018.003> is sent to request information on SSP event times of the current business day.(E.g. Cut-off times)
Expected results	A correct ReturnBusinessDayInformation message <camt.019.001.06/camt.019.001.04> is received.
References	UDFS IV ;6.4.7

Test ID	**IOP-PM-610 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	A CAMT2017 (alternatively CAMT2012) "GetSequence" initiated by a direct participant.
Test category	COUS
Apply to	GoA Mngr
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for Direct Participant and group of account
Description	The GetSequence message is sent to request information about the level out sequence to fund debit balances on single accounts. The group of accounts manager chooses the sequence of the accounts how they are used to fund debit balances on single accounts. There exist no level out sequence for sub accounts - they are balanced together with the corresponding RTGS account. The CB will only get a selection of accounts of their area (exception: the CB of the GoA manager will get all information of the whole group) The GetSequence message can be sent by the application of the - group of accounts manager - the CB acting on behalf of group of accounts manager
Expected results	A correct ReturnSequence message is received.
References	UDFS IV; 6.4.11 XML : <camt.0998.01.03>/<camt.0998.01.02>

Test ID	**IOP-PM-620 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	A CAMT2017 (alternatively CAMT2012) "ModifySequence" initiated by a direct participant.
Test category	COUS
Apply to	GoA Mngr
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for Direct Participants and group of account
Description	A ModifySequence message is sent to define or modify the sequence of accounts which will be used to fund the position for levelling out. The group of accounts manager chooses the sequence of the accounts how they are used to fund debit balances on single accounts. There exist no level out sequence for sub accounts - they are balanced together with the corresponding RTGS account.
Expected results	A correct ReturnSequence message is received.
References	UDFS IV ;6.4.18 XML : <camt.0998.01.03>/<camt.0998.01.02>

Test ID	**IOP-PMB-010**
Function	Backup lump-sum payment in favour of a direct PM participant
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• RBAC profile CUBAUPFE (CU Back-up manager) is assigned to user (4 eyes). • Back up functionality activated by CB • Sufficient liquidity on participants account • *Optional:* Receipt of MT900 requested by user
Description	Generation of a backup lump-sum payment in favour of a direct PM participant via ICM screen "One Direct PM Participant" <u>Data input</u>: 58A: Beneficiary Institution 32A. Amount (EUR) A backup lump-sum payment in favour of a direct PM participant is treated as an urgent payment in PM
Expected results	• Participant able to create a Backup contingency payment at ICM in favour of a direct PM participant created and processed ☐ • *Optional:* message MT900 received and processed correctly by user [5]☐
References	UDFS I/ 2.4.5, 2.7.4, 7.2.1 ICMUH I/ 6.1.5

[5] As soon as the sender's SWIFTNet FIN connection is operational again

Test ID	**IOP-PMB-011**
Function	MT202 Payment subsequent to an earlier backup (lump sum) payment in favour of a direct PM participant with back value date
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• Back up (lump sum) payment generated with value date anterior to current one by DP • Value date in the past in line with earliest date possible definition • Sufficient liquidity on participants account •
Description	Generation of a Y-copy payment in favour of a direct PM participant with back date value, subsequent to a previous backup (lump sum) payment. Data input: 58A: Beneficiary Institution 32A. Amount (EUR); Value date: corresponding to the backup payment made in the past
Expected results	• Payment in favour of a direct PM participant created and processed ☐
References	UDFS I/ 2.4.5, 2.7.4, 7.2.1 UDFS IV/6.4.1 ICMUH I/ 6.1.5 XML: BackupPayment <camt.023.001.06>/<camt.023.001.04>

Test ID	**IOP-PMB-015**
Function	Receipt of a backup lump-sum payment MT202 from a direct PM participant
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• Back up functionality activated by CB for another direct participant (simulated by the CB)
Description	Participant receives a back-up lump-sum payment (no Y-copy) from the direct participant simulated by the CB. A backup lump-sum payment is treated as an urgent payment in PM
Expected results	• Participant receives and processes the backup lump-sum payment ☐
References	UDFS I/ 2.4.5, 2.7.4, 7.2.1 - UDFS IV/6.4.1

Test ID	**IOP-PMB-016**
Function	MT202 Receipt of a payment (subsequent from backup payment) from a direct PM participant with back value date
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• Backup up (lump sum) payment received earlier from same participant
Description	Participant receives a payment (subsequent from backup payment) from the direct participant simulated by the CB with back value date.
Expected results	• Participant receives and processes the payment ☐
References	UDFS I/ 2.4.5, 2.7.4, 7.2.1 - UDFS IV/6.4.1

Test ID	**IOP-PMB-030**
Function	MT202 Return of a backup lump-sum payment to a direct PM participant
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	• At least the RBAC role CU Reader (CUINFOTE) assigned for user • Value date check switched off for the participant and direct (previously failed) participant simulated by the CB
Description	The backup lump-sum payment is returned (MT202) by the participant to the participant affected by the failure (simulated by the CB). MT202 Sender: Direct participant Receiver: Direct participant affected by the failure and simulated by CB 20: TRN 21:Reference number from field 20 of the original backup lump-sum payment 32A: Date of the failure used as the value date (no back valuation in the PM. Payment processed with current value date in PM) 58A: Direct participant affected by the failure 72:/BUP/
Expected results	Ability to return a backup lump-sum payment ☐
References	UDFS I/2.7.4 -

Test ID	**IOP-PMB-110**
Function	MT202 Backup contingency payment in favour of CLS
Test category	COUS
Apply to	DP involved in CLS settlement (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	RBAC profile CUBAUPFE (CU Back-up manager) is assigned to user (4 eyes). Backup functionality activated by CB Sufficient liquidity on participant's account *Optional:* Receipt of MT900 requested by user
Description	Generation of backup contingency payment in favour of CLS via ICM screen "CLS" Data input: 21: Related reference 32A: Amount (EUR) 52A: Ordering Institution (default: BIC of debtor) 57A: Account with Institution (CLS BIC used is automatically added by the SSP) 58A: Beneficiary Institution 72: /CLSTIME/ (hhmm) optional CLS payment is treated as highly urgent payment in PM with Latest Debit Time indicator (if opted for)
Expected results	Ability to create backup contingency payment in favour of CLS ☐ *Optional:* message MT900 received by user[6] ☐
References	UDFS I/2.4.5/2.7.4/7.2.1. ICMUH I/ 6.1.5 UDFS IV/6.4.1

[6] As soon as the sender's SWIFTNet FIN connection is operational again

Test ID	**IOP-PMB-120**
Function	MT202 Backup contingency payment in favour of EURO1
Test category	COUS
Apply to	DP involved in EURO1 settlement (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	RBAC profile CUBAUPFE (CU Back-up manager) is assigned to user (4 eyes). Backup functionality activated by CB Sufficient liquidity on participant's account *Optional:* Receipt of MT900, requested by user
Description	Generation of backup contingency payment in favour of EURO1 via ICM screen "EURO1" MT202 Data input: 21: Related reference 32A: Amount (EUR) 52A: Ordering Institution (default: BIC of debtor) 58A: Beneficiary Institution (EBA Euro1 BIC used is automatically added by the SSP) EURO1 payment is treated as an urgent payment
Expected results	Ability to create backup contingency payment in favour of EURO1 ☐ *Optional:* message MT900 received by user[7] ☐
References	UDFS I/2.4.5/2.7.4/7.2.1 ICMUH I/ 6.1.5 UDFS IV/6.4.1

[7] As soon as the sender's SWIFTNet FIN connection is operational again

Test ID	**IOP-PMB-130**
Function	MT202 Backup contingency payment in favour of STEP2
Test category	COUS
Apply to	DP involved in STEP2 pre-funding (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	RBAC profile CUBAUPFE (CU Back-up manager) is assigned to user (4 eyes). Backup functionality activated by CB Sufficient liquidity on participant's account *Optional:* Receipt of MT900 requested by user
Description	Generation of backup contingency payment in favour of STEP2 via ICM screen " STEP2" MT202 Data input: 21: Related reference 32A: Amount (EUR) 52A: Ordering Institution (default: BIC of debtor) 58A: Beneficiary Institution (EBA STEP2 BIC used is automatically added by the SSP) STEP2 payment is treated as an urgent payment
Expected results	Ability to create backup contingency payment in favour of STEP2 ☐ *Optional:* message MT900 received by user[8] ☐
References	UDFS I/2.4.5/2.7.4/7.2.1 ICMUH I/ 6.1.5 UDFS IV/6.4.1

[8] As soon as the sender's SWIFTNet FIN connection is operational again

Test ID	**IOP-PML-010 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Creation of a bilateral limit (standing order) (U2A/A2A)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CULIMITE/LVMANATE (2 eyes) or CULIMIFE/LVMANAFE (4 eyes) is assigned to the user • The User and the counterparty are defined in the system (SD). • The User has not already defined a bilateral limit against a counterpart.
Description	The user creates, using U2A approach by ICM monitoring (screen Limits/standing order) or via XML in A2A (ModifyLimit) the bilateral limit against another participant N. The created bilateral limit must be at least 1M€.
Expected results	Ability to create a bilateral limit with a counterpart ☐ ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/5.4.4 schema file ”modifylimit” <camt011.001.06>/<camt011.001.05>

Test ID	**IOP-PML-020 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Creation of a multilateral limit (standing order) (U2A/A2A)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CULIMITE/LVMANATE (2 eyes) or CULIMIFE/LVMANAFE (4 eyes) is assigned to the user • The User is defined in the system (SD). • At least one bilateral limit exists already • System open
Description	The user creates, using U2A approach by ICM monitoring (screen Limits/current) or via XML in A2A (ModifyLimit) the multilateral limit. The created multilateral limit must be at least1M€.
Expected results	Ability to create a multilateral limit ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 — ICM UHBook I/6.1.3 XML book IV/5.4.4 schema file ”modifylimit” <camt011.001.06>/<camt011.001.05>

Test ID	**IOP-PML-030 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of a bilateral limit during the day (current) (U2A/A2A)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CULIMITE/LVMANATE (2 eyes) or CULIMIFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined in the system (SD). • The User has already defined a (standing order) bilateral limit against participant N. • System open • The User is assigned to a single account (no liquidity pooling).
Description	The user deletes (ie decreases to ZERO), using U2A approach by ICM monitoring (screen Limits/current) or via XML in A2A (DeleteLimit) the bilateral limit with participant N. The deleted bilateral limit must be "0"€. If a limit is once reset to zero, it is not possible to increase it again on the same business day.
Expected results	Ability to delete a bilateral (current) limit with participant N ☐ ☐ Comment : .
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/5.4.15 schema file "deletelimit" <camt012.001.06>/<camt012.001.05>

Test ID	**IOP-PML-040 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of a multilateral limit during the day (current) (U2A/A2A)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CULIMITE/LVMANATE (2 eyes) or CULIMIFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined in the system (SD). • The User has already defined a standing order multilateral limit. • System open • The User is assigned to a single account (no liquidity pooling).
Description	The user deletes (ie decreases to ZERO), using U2A approach by ICM monitoring (screen Limits/current) or via XML in A2A (DeleteLimit) the multilateral limit. The deleted multilateral limit must be "0"€.
Expected results	Ability to delete a multilateral limit ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/5.4.15 schema file "deletelimit" <camt012.001.06>/<camt012.001.05>

Test ID	**IOP-PML-050 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Creation of a bilateral limit via a vis a Group of Account (U2A/A2A)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CULIMITE/LVMANATE (2 eyes) or CULIMIFE/LVMANAFE (4 eyes) is assigned to the user • The User and the GoA are both defined in the system (SD). • The User has not already defined a bilateral limit against the GoA. • System open
Description	The user creates, using U2A approach by ICM monitoring (screen Limits/standing order) or via XML in A2A (ModifyLimit) the bilateral limit against the GoA. The created bilateral limit must be at least 1M€.
Expected results	Ability to create a bilateral limit with the GoA ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/5.4.4 schema file ”modifylimit” <camt011.001.06>/<camt011.001.05>

Test ID	**IOP-PML-060 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of a (current) bilateral limit during the day via a vis a GoA (U2A/A2A)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CULIMITE/LVMANATE (2 eyes) or CULIMIFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined in the system (SD). • The User has already defined a (standing order) bilateral limit against the GoA. • System open
Description	The user deletes (ie decreases to ZERO), using U2A approach by ICM monitoring (screen Limits/current) or via XML in A2A (DeleteLimit) the bilateral limit with the GoA. The deleted bilateral limit must be "O"€. If a limit is once reset to zero, it is not possible to increase it again on the same business day.
Expected results	Ability to delete a bilateral (current) limit with the GoA ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/5.4.15 schema file "deletelimit" <camt012.001.06>/<camt012.001.05>

Test ID	**IOP-PML-070 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of ALL current bilateral limits (A2A only)
Test category	COUS
Apply to	DP GoA Mnger
Business day phase	Day trade
Pre-conditions	• ICM: APPLICATE (A2A only) • The user is defined in the system (SD). • The User has already defined at least two (standing order) bilateral limits. • System open
Description	The user deletes via XML in A2A (DeleteLimit) all the defined bilateral limits with a single message. If a limit is once reset to zero, it is not possible to increase it again on the same business day. Multilateral (current) limit automatically deleted Standing order limits (bilateral/multilateral) not affected
Expected results	Ability to delete all bilateral (current) limits ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 — XML book IV/5.4.15 schema file ”deletelimit” <camt012.001.06>/<camt012.001.05>

Test ID	**IOP-PML-080 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of ALL standing order bilateral and multilateral limits (A2A only)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• ICM: APPLICATE (A2A only) • The user is defined in the system (SD). • The User has already defined at least two (standing order) bilateral limits. • System open
Description	The user deletes via XML in A2A (ModifyLimit) all the defined standing order bilateral and multilateral limits with a single message.
Expected results	Ability to delete all bilateral standing order limits ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/5.4.4 schema file ”modifylimit” <camt011.001.06>/<camt011.001.05>

Test ID	**IOP-PML-110 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Reservation of liquidity for highly urgent payments during the day (current)
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• U2A mode: The profile CURMANTE/LVMANATE (2 eyes) or CURMANFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined as DP in Static Data • No other reservation for highly urgent transactions exists (defined value = 0) • System open
Description	The user creates in U2A mode (screen Reservations/Current) or in A2A mode (ModifyReservation_PM) a current reservation for highly urgent payments (priority class 0). When the available liquidity is not sufficient to reserve the defined value, only the available liquidity on the RTGS account will be reserved. The user will be notified that the total amount could not be reserved.
Expected results	Ability to create a highly urgent reservation ☐ Ability to handle the confirmation from SSP sent by ICM ☐ Comment:
References	UDFS Book I/ 2.5.1; I/9.2.4.1.6.2 ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-120 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Reservation of liquidity for urgent payments during the day
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• U2A mode: The profile CURMANTE/LVMANATE (2 eyes) or CURMANFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined as DP in Static Data • No other reservation for urgent transactions exists (defined value = 0) • System open
Description	The user creates in U2A mode (screen Reservations/Current) or in A2A mode (ModifyReservation_PM) a current reservation for urgent payments (priority class 1). When the available liquidity is not sufficient to reserve the defined value, only the available liquidity on the RTGS account will be reserved. The user will be notified that the total amount could not be reserved.
Expected results	Ability to create an urgent reservation ☐ Ability to handle the confirmation from SSP sent by ICM ☐ Comment:
References	UDFS Book I/ 2.5.1; I/9.2.4.1.6.2 ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-130 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Cancellation of liquidity reserved for highly urgent payments during the day
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• U2A mode : The profile CURMANTE/LVMANATE (2 eyes) or CURMANFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined as DP in Static Data • Reservation for highly urgent transactions exists (defined value) • System open
Description	Cancellation by the user in U2A mode (screen Reservations/Current) or in A2A mode (DeleteReservation_PM) of a reservation for highly urgent payments (priority class 0) by resetting the new value to 0.
Expected results	Ability to delete a highly urgent current reservation ☐ ☐ Comment :
References	UDFS Book I/ 2.5.1; I/9.2.4.1.6.4 ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.5 ”DeleteReservation_PM” <camt.049.001.04>/<camt.049.001.03>

Test ID	**IOP-PML-140 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Cancellation of liquidity reserved for urgent payments during the day
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	• U2A mode : The profile CURMANTE/LVMANATE (2 eyes) or CURMANFE/LVMANAFE (4 eyes) is assigned to the user • The user is defined as DP in Static Data • Reservation for urgent transactions exists (defined value) • System open
Description	Cancellation by the user in U2A mode (screen Reservations/Current) or in A2A mode (DeleteReservation_PM) of a reservation for urgent payments (priority class 1) by resetting the new value to 0.
Expected results	Ability to delete an urgent reservation ☐ ☐ Comment :
References	UDFS Book I/ 2.5.1; I/9.2.4.1.6.4 ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.5 ”DeleteReservation_PM” <camt.049.001.04>/<camt.049.001.03>

Test ID	**IOP-PML-200 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Enter of a standing order reservation of liquidity for urgent payments during the day
Test category	COUS
Apply to	DP, GOA manager, Virtual account manager
Business day phase	Day trade
Pre-conditions	• The user is defined as DP, group of accounts manager or virtual account manager in Static Data • no other standing order reservation for urgent payments exists (defined value = 0) • System open
Description	The user sends a camt.048.001.04/camt.001.03 with message name Modify Reservation (ModfyRsvatn) and the default reservation type UPAR.
Expected results	• the standing order reservation for urgent payments is set to value defined in the message: ☐ • receipt message <camt.025.001.04>/<camt.025.001.03> is received ☐ Comment:
References	UDFS Book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-210 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Enter of a standing order reservation of liquidity for highly urgent payments during the day
Test category	COUS
Apply to	DP, GOA manager, Virtual account manager
Business day phase	Day trade
Pre-conditions	• The user is defined as DP, group of accounts manager or virtual account manager in Static Data • no other standing order reservation for highly urgent payments exists (defined value = 0) • System open
Description	The user sends a camt.048.001.04/camt.048.001.03 with message name Modify Reservation (ModfyRsvatn) and the default reservation type HPAR.
Expected results	• the standing order reservation for highly urgent payments is set to value defined in the message ☐ • receipt message <camt.025.001.04>/<camt.025.001.03> is received ☐ Comment:
References	XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-220 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Modification of a standing order reservation of liquidity for urgent payments during the day
Test category	COUS
Apply to	DP, GOA manager, Virtual account manager
Business day phase	Day trade
Pre-conditions	• The user is defined as DP, group of accounts manager or virtual account manager in Static Data • standing order reservation for highly urgent payments exists (defined value > 0) • System open
Description	The user sends a camt.048.001.04/camt.048.001.03 with message name Modify Reservation (ModfyRsvatn) and the default reservation type HPAR.
Expected results	• the standing order reservation for highly urgent payments is set to value defined in the message ☐ • receipt message <camt.025.001.04>/<camt.025.001.03> is received ☐ Comment:
References	XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-230 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Modification of a standing order reservation of liquidity for highly urgent payments during the day
Test category	COUS
Apply to	DP, GOA manager, Virtual account manager
Business day phase	Day trade
Pre-conditions	• The user is defined as DP, group of accounts manager or virtual account manager in Static Data • standing order reservation for highly urgent payments exists (defined value > 0) • System open
Description	The user sends a camt.048.001.04/camt.048.001.03 with message name Modify Reservation (ModfyRsvatn) and the default reservation type HPAR.
Expected results	• the standing order reservation for highly urgent payments is set to value defined in the message: ☐ • receipt message <camt.025.001.04>/<camt.025.001.03> is received ☐ Comment:
References	XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-510**
Function	Liquidity transfer between two accounts belonging to the same group-of-accounts
Test category	COUS
Apply to	GoAMgr (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC profile: CUGAMATE/FE
Description	In ICM the user selects 'RTGS, Liquidity, Account list' followed by either 'Virtual account' or 'Account list'(consolidated information), selects two accounts and initiates a liquidity transfer between the two accounts. The second user confirms the action (if 4 eyes).
Expected results	• Liquidity transfer settled (check of account balances via ICM): ☐ • *Optional:* MT900/910 received and processed correctly ☐ Comment:
References	UDFS I/2.5.5 and I/9.2.4.1.3, ICM I/6.1.2.3 UDFS IV/6.4.14 LiquidityCreditTransfer <camt.050.001.04>/<camt.050.001.03>

Test ID	**IOP-PML-610**
Function	Definition of the sequence of accounts for the levelling-out at the end of the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC profile: CUGAMATE/FE
Description	In ICM the user selects 'RTGS, Liquidity, Account list, Virtual account' and defines the sequence number in the respective field of each account. The second user confirms the action (if 4 eyes). Run test case IOP-PML-620.
Expected results	• Sequence numbers taken (check by reopening ICM screen): ☐ Comment:
References	UDFS I/2.5.5, ICM I/6.1.2.3.1 UDFS IV/6.4.18 ModifySequence (camt.998.001.03/02)

Test ID	**IOP-PML-620**
Function	Automatic levelling-out at the end of the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	End-of-day
Pre-conditions	• RBAC profile: CUGAMATE/FE (for check via ICM) • Levelling-out order is defined (see test case IOP-PML-610) • GoAMgr does not level-out a debit position in one of the accounts belong to the group of account (virtual account) before end-of-day
Description	During end-of-day procedures the automatic emergency level-out procedure will level the debit position against credit positions on other accounts belonging to the same group
Expected results	• The levelling-out takes place according to the defined sequence of accounts to be used (check via ICM): ☐ Comment:
References	UDFS I/2.5.5 -

Test ID	**IOP-PML-710 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Creation of a bilateral limit by a Group of Account Manager
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CUGAMATE (2eyes) or CUGAMAFE (4 eyes)is assigned for the GoA manager. • The User and the counterparty (participant N) are defined in the system (SD). • The User has not already a bilateral limit against participant N. • System open • The user is assigned to a Group of accounts (liquidity pooling) as manager
Description	The user creates, using U2A approach by ICM monitoring (screen Limits/standing order) or via XML in A2A (ModifyLimit) the bilateral limit against another participant N. The created bilateral limit must be at least 1M€.
Expected results	Ability to create a bilateral limit with N ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/6.4.16 schema file ”modifylimit” <camt011.001.06>/<camt011.001.05>

Test ID	**IOP-PML-720 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Creation of a multilateral limit (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CUGAMATE (2eyes) or CUGAMAFE (4 eyes) is assigned for the GoA manager. • The User is defined in the system (SD). • No multilateral limit to a participant to whom a bilateral limit is defined • System open • The user is assigned to a Group of accounts (liquidity pooling) as manager
Description	The user creates, using U2A approach by ICM monitoring (screen Limits/standing order) or via XML in A2A (ModifyLimit) the multilateral limit. The created multilateral limit must be at least1M€.
Expected results	Ability to create a multilateral limit ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/6.4.16 schema file ”modifylimit” <camt011.001.06>/<camt011.001.05>

Test ID	**IOP-PML-730 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of a bilateral limit during the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• ICM: the profile CUGAMAFE (4 eyes) is assigned to the user • The user and the counter party (participant N) are defined in the system (SD). • The User has already a bilateral limit against participant N. • System open • The user is assigned to a Group of accounts (liquidity pooling) as manager.
Description	The user deletes (ie decreases to ZERO), using U2A approach by ICM monitoring (screen Limits/current) or via XML in A2A (DeleteLimit) the bilateral limit with participant N. The deleted bilateral limit must be "O"€. If a limit is once reset to zero, it is not possible to increase it again on the same business day.
Expected results	Ability to delete a bilateral limit with participant N ☐ ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/6.4.4 schema file "deletelimit" <camt012.001.06>/<camt012.001.05>

Test ID	**IOP-PML-740 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of a multilateral limit during the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• ICM: At least the profile CUGAMATE (2eyes) or CUGAMAFE (4 eyes) is assigned for the GoA manager. • The user is defined in the system (SD). • The User has already a multilateral limit defined. • System open • The user is assigned to a Group of accounts (liquidity pooling) as manager.
Description	The user deletes (ie decreases to ZERO), using U2A approach by ICM monitoring (screen Limits/current) or via XML in A2A (DeleteLimit) the multilateral limit. The deleted multilateral limit must be "O"€.
Expected results	Ability to delete a multilateral limit ☐ Comment :
References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2 ICM UHBook I/6.1.3 XML book IV/6.4.4 schema file "deletelimit" <camt012.001.06>/<camt012.001.05>

Test ID	**IOP-PML-750 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Deletion of ALL current bilateral limits (virtual account) (A2A only)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• ICM: APPLICATE (A2A only) • The user is defined in the system (SD). • The User has already defined at least two (standing order) bilateral limits. • System open
Description	The user deletes via XML in A2A (DeleteLimit) all the defined bilateral current limits with a single message. If a limit is once reset to zero, it is not possible to increase it again on the same business day. Multilateral (current) limit automatically deleted Standing order limits (bilateral/multilateral) not affected
Expected results	Ability to delete all bilateral (current) limits ☐ Comment :

References	UDFS Book I/ 2.5.2.1; I/9.2.4.1.5.2	XML book IV/5.4.15 schema file ”deletelimit” <camt012.001.06><camt012.001.05>

Test ID	**IOP-PML-810 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Reservation of liquidity for highly urgent payments during the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• U2A mode: The profile CUGAMATE (2 eyes) or CUGAMAFE (4 eyes) is assigned to the user • The user is defined as group of accounts manager in Static Data • No other reservation for highly urgent transactions exists (defined value = 0) • System open
Description	The user creates in U2A mode (screen Reservations/Current) or in A2A mode (ModifyReservation_PM) a current reservation for highly urgent payments (priority class 0). This reservation is valid for the virtual group of accounts as a whole. When the available liquidity in the virtual group is not sufficient to reserve the defined value, only the cumulated liquidity on the RTGS accounts will be reserved. The user will be notified that the total amount could not be reserved.
Expected results	Ability to create a highly urgent reservation ☐ Ability to handle the confirmation from SSP sent by ICM ☐ Comment:
References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.1.6.2 ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.04>/<camt.048.001.03>

Test ID	**IOP-PML-820 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Reservation of liquidity for urgent payments during the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• U2A mode: The profile CUGAMATE (2 eyes) or CUGAMAFE (4 eyes) is assigned to the user • The user is defined as group of accounts manager in Static Data • No other reservation for urgent transactions exists (defined value = 0) • System open
Description	The user creates in U2A mode (screen Reservations/Current) or in A2A mode (ModifyReservation_PM) a current reservation for urgent payments (priority class 1). This reservation is valid for the virtual group of accounts as a whole. When the available liquidity in the virtual group is not sufficient to reserve the defined value, only the cumulated liquidity on the RTGS accounts will be reserved. The user will be notified that the total amount could not be reserved.
Expected results	Ability to create an urgent reservation ☐ Ability to handle the confirmation from SSP sent by ICM ☐ Comment:
References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.1.6.2 ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.17 ”ModifyReservation_PM” <camt.048.001.004>/<camt.048.001.03>

Test ID	**IOP-PML-830 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Cancellation of liquidity reserved for highly urgent payments during the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• U2A mode: The profile CUGAMATE (2 eyes) or CUGAMAFE (4 eyes) is assigned to the user • The user is defined as group of accounts manager in Static Data • Reservation for highly urgent transactions exists (defined value) • System open
Description	Cancellation by the user in U2A mode (screen Reservations/Current) or in A2A mode (DeleteReservation_PM) of a reservation for highly urgent payments (priority class 0) by resetting the new value for the virtual account as a whole to 0.
Expected results	Ability to delete a highly urgent reservation ☐ Comment :

References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.1.6.4	ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.5 ”DeleteReservation_PM” <camt.049.001.04>/<camt.049.001.03>

Test ID	**IOP-PML-840 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Cancellation of liquidity reserved for urgent payments during the day (virtual account)
Test category	COUS
Apply to	GoAMgr for virtual account (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• U2A mode: The profile CUGAMATE (2 eyes) or CUGAMAFE (4 eyes) is assigned to the user • The user is defined as group of accounts manager in Static Data • Reservation for urgent transactions exists (defined value) • System open
Description	Cancellation by the user in U2A mode (screen Reservations/Current) or in A2A mode (DeleteReservation_PM) of a reservation for urgent payments (priority class 1) by resetting the new value for the virtual account as a whole to 0.
Expected results	Ability to delete an urgent reservation ☐ Comment :

References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.1.6.4	ICM User HandBook I/6.1.3.2.1 XML book IV/6.4.5 ”DeleteReservation_PM” <camt.049.001.04>/<camt.049.001.03>

Test ID	**IOP-PML-850**
Function	Notification of credit line change
Test category	COUS
Apply to	DP, MAP, GoA (SWIFT-based participant only)
Phase of the business day	Day trade
Pre-conditions	The participant has opted for receiving MT 900/910 in Static Data The participant is able to get a credit line on PM account
Description	Notification MT900/910 sent to the participant when their credit line is changed, when opted for receiving MT900/910; delta of credit line will be indicated in field 32A of the notification message and the code word /CREDITLINE/ will be used in field 72.
Expected results	Ability to threat an urgent reservation ☐ Comment :
References	I/2.2 Accounting; I/9.1.2.2.2.1; I/9.1.2.2.2.2; II/14.1.2.2.2.1, II/14.1.2.2.2.2

Test ID	**IOP-PML-860 (test case introduced with release 7.0)**
Function	To obtain the amount available as Credit line on a RTGS Account (AtoA mode)
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • A Participant exists in Static Data and the user is correctly defined as DP or GoA manager • A credit line is currently available on the RTGS account • System open
Description	The user sends an A2A message (GetCreditLine) to the SSP to receive information about the credit line on the RTGS main account. The <Account Owner> tag is present and set to the BIC 11 of the participant (check detailed syntax in UDFS book IV below).
Expected results	A ReturnCreditLine message is received ☐ Data in <ProprietaryData> section contain correct information, particularly the amount of the credit line of the defined participant (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/**9.2.4.1.2** UDFS book IV/6.4.8 / 6.4.23 GetCreditLine XML camt.998.001.02 or 998.001.03; ReturnCreditLine XML camt.998.001.02 or 998.001.03.

Test ID	**IOP-PMQ-010 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Get a list of transactions (A2A mode) (PM)
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is defined as direct participant in Static Data • The user has sent and received payments for the day • System open
Description	The user sends a first request (GetTransaction) to the SSP to initiate the delta status (reference request) with request type = 'CHNG' and query name = 'ABCD'. In addition some other searching criteria may also be used (*e.g. PdgSts = PSTL*). + Be idle 2-30 minutes and perform test case ID: **IOP-PMQ-020**
Expected results	Ability to get a list of transaction from the SSP ☐ Ability to initiate the delta set ☐ ReturnTransaction message received and processed correctly ☐ Comment :

References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.2.1	XML book IV/6.4.13/6.4.28 "GetTransaction_PM" <camt.005.001.07>/<camt.005.001.05> or <GetTx> "ReturnTransaction_PM" <camt.006.001.07>/<camt.006.001.05>

Test ID	**IOP-PMQ-015 (test case introduced with release 7.0)**
Function	Cancellation of a pending transaction in PM (A2A mode)
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • A Participant exists in Static Data and the user is correctly defined as DP or GoA manager • Some payment are pending (lack of liquidity or warehoused) on RTGS account and its SSP booking ID is known (via a ReturnTransaction) • System open
Description	The user sends an A2A message (CancelTransaction_PM) to the SSP to cancel a queued payment due to a lack of liquidity. The < ProprietaryId > tag is known and fill in(via a response of preliminary GetTransaction) (check detailed syntax in UDFS book IV below).
Expected results	A Receipt message is received ☐ Message Identification of Original Message ID is identical to the Tag mentioned in CancelTransaction. ☐ Status code is "0000"; Description is "OK". ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/2.4.4; I/**9.2.4.2.2** UDFS book IV/6.4.3 / 6.3.5 CancelTransaction: XML camt.008.001.05 or 008.001.07.; Receipt

Test ID	**IOP-PMQ-020 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Get a delta set of transactions “new matching items” (A2A mode) (PM)
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is defined as direct participant in Static Data • The user has sent and received payments for the day • The user has initiated the delta set (**IOP-PMQ-010**) • The user has new payment transactions since initialisation of delta set • System open
Description	The user sends a second request (GetTransaction) to the SSP with the same query type ‘CHNG’ and query name = ‘ABCD’ as the reference request (sent while performing test ID: **IOP-PMQ-010)**. Only new matching items are returned.
Expected results	Ability to get a delta set ‘CHNG’ from the SSP ☐ ReturnTransaction message received and processed correctly ☐ Comment :
References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.2.1 XML book IV/6.4.13/6.4.28 ”GetTransaction_PM” <camt.005.001.07> or /<camt.005.001.05><GetTx> “ReturnTransaction_PM” <camt.006.001.07>/<camt.006.001.05>

Test ID	**IOP-PMQ-030 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Get a delta set of transactions “modified items” (A2A mode) (PM)
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is defined as direct participant in Static Data • The user has sent and received payment transactions for the day • The user has initiated the delta set (**IOP-PMQ-010**) • The user has mofidied some items in the meantime (e.g. change of a priority of a pending payment) • System open
Description	The user sends a second request (GetTransaction) to the SSP with the same query name = ‘ABCD’ as the reference request and query type = ‘**MODF**’.
Expected results	Ability to get a delta set ‘MODF’ from the SSP ☐ ReturnTransaction message received and processed correctly Only **MODIFIED** items are returned Comment :
References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.2.1 XML book IV/6.4.13/6.4.28 ”GetTransaction_PM” <camt.005.001.07>/<camt.005.001.05> or <GetTx> “ReturnTransaction_PM” <camt.006.001.07>/<camt.006.001.05>

Test ID	**IOP-PMQ-040 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Get a delta set of transactions "deleted items" (A2A mode) (PM)
Test category	COUS
Apply to	DP (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is defined as direct participant in Static Data • The user has sent and received payment transactions for the day • The user has initiated the delta set (**IOP-PMQ-010**) • The user has deleted payment transactions in the meantime (or inward payment transaction deleted by the sender) • System open
Description	The user sends a second request (GetTransaction) to the SSP with the same query name = 'ABCD' as the reference request and query type = '**DELD**'. Only **DELETED** items are returned
Expected results	Ability to get and treat the delta set 'DELD' from the SSP ☐ Comment :
References	UDFS Book I/ 2.5.1;I/ 2.5.5.2; I/9.2.4.2.1 XML book IV/6.4.13/6.4.28 "GetTransaction_PM" <camt.005.001.07>/<camt.005.001.05> or <GetTx> "ReturnTransaction_PM" <camt.006.001.07>/<camt.006.001.05>

Test ID	**IOP-SD-010 (test case introduced with release 7.0)**
Function	Request information on RTGS account/sub-account (A2A mode)
Test category	COUS
Apply to	DP
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is correctly defined as direct participant in Static Data • System open • *Optional:* Participant has sub-account(s) open with its RTGS account.
Description	The user sends an A2A message (GetAccount_PM) to the SSP to retrieve information on the balance of its RTGS account or sub-account. The <*AnyBIC*>...</*AnyBIC*> tag in the <*OrgId*> node is present and set to the BIC 11 of the participant. If information is requested for a sub-account, the <Id>…</Id> tag of the <*Othr*> section must be set to the account number of the participant's sub-account (check detailed syntax in UDFS books below).
Expected results	A ReturnAccount message is received ☐ Data in <*AcctOwnr*> ...</*AcctOwnr*> are set to the BIC of the PM participant, <*Id*>...</*Id*> is set to the (sub-) account name and <*Amt* >...</*Amt*> is to the current balance of the account (or sub-account) owned by participant and its balance(s) (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS book IV/6.4.6/6.4.21 "GetAccount" <camt.003.001.06>/<camt.003.001.05>; "ReturnAccount" <camt.004.001.07>/<camt.004.001.05>.

Test ID	**IOP-SD-020 (test case introduced with release 7.0)**
Function	Request information on RTGS account/sub-accounts for GoA member (A2A mode)
Test category	COUS
Apply to	GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • A GoA exists in Static Data and the user is correctly defined as GoA manager • System open
Description	The GoA manager sends an A2A message (GetAccount_PM) to the SSP to retrieve information on the balance of RTGS account (or sub-account) for one of its GoA members. The <*AnyBIC*>…</*AnyBIC*> tag in the <*OrgId*> node is present and set to the BIC 11 of the GoA member for which the information is requested. If information is requested for a sub-account, the <Id>…</Id> tag of the <*Othr*> section must be set to the account number of the GoA member's sub-account (check detailed syntax in UDFS books below).
Expected results	A ReturnAccount message is received ☐ Data in <*AcctOwnr*> …</*AcctOwnr*> are set to the BIC of the GoA member, <*Id*>...</*Id*> is set to the (sub-) account name and <*Amt* >...</*Amt*> is set to the current balance of the account (or sub-account) owned by the GoA member and its balance (check via ICM) ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/2.2; I/2.5.5; I/9.2.4.1.1.1 UDFS book IV/6.4.6/6.4.21 " GetAccount" <camt.003.001.06>/<camt.003.001.05>; "ReturnAccount" <camt.004.001.07>/<camt.004.001.05>.

Test ID	**IOP-SD-030 (test case introduced with release 7.0)**
Function	Request information on Participant (A2A mode)
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • A Participant exists in Static Data and the user is correctly defined as DP or GoA manager • System open
Description	The user sends an A2A message (GetParticipant) to the SSP to retrieve information on the Participant. The <Participant Identification> tag is present and set to the BIC 11 of the participant, and the <DateSearchChoice> tag is present (check detailed syntax in UDFS book IV below).
Expected results	A ReturnParticipant message is received ☐ Data in <ProprietaryData> section contain correct information on the participant (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/2.2; I/2.5.5; I/**9.2.5.3** UDFS book IV/6.5.16 / 6.5.44 GetParticipant"; "ReturnParticipant".

Test ID	**IOP-SD-040 (test case introduced with release 7.0)**
Function	Request information on Group of Accounts (A2A mode)
Test category	COUS
Apply to	GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • A Group of Accounts(VA or CI type) exists in Static Data and the user is correctly defined as GoA manager • System open
Description	The user sends an A2A message (GetGoA) to the SSP to retrieve information on the Group(s) of Accounts. The <Group of Accounts Status> and <Group of Accounts Id> tags are present and set to the existing identification of GoA (check detailed syntax in UDFS book IV below).
Expected results	A ReturnGoA message is received ☐ Data in <ProprietaryData> section contain correct information on the Group of Account (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/2.5.5; I/**9.2.5.8** UDFS book IV/6.5.13 / 6.5.41 “GetGoA” ,“ReturnGoA”

Test ID	**IOP-SD-050 (test case introduced with release 7.0)**
Function	Request information on T2 Calendar (A2A mode)
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • The data exist in Static Data for the precise year and the user is correctly defined as DP or GoA manager • System open
Description	The user sends an A2A message (GetCalendar) to the SSP to retrieve information about the opening days. The <Year> tag is present and set to the searched year (check detailed syntax in UDFS book IV below).
Expected results	A ReturnCalendar message is received ☐ Data in <TargetDayStatus> tag contain correct informations about Target's opening days (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/**9.2.5.13** — UDFS book IV/6.5.7 / 6.5.35 GetCalendar"; "ReturnCalendar".

Test ID	**IOP-SD-060 (test case introduced with release 7.0)**
Function	Request information on authorised Direct Debit mandate (A2A mode)
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • A Participant and associated direct debit exist in Static Data and the user is correctly defined as DP or GoA manager • System open
Description	The user sends an A2A message (GetDirectDebit) to the SSP to retrieve information on authorized direct debit mandates of the Participant. The <BIC Participant> tag is present, filled with the BIC 11 of the participant, and the <Record Status > tag is present (check detailed syntax in UDFS book IV below).
Expected results	A ReturnDirectDebit message is received ☐ Data in <ProprietaryData> section contain correct informations on the direct debit mandates (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/2.4.2; I/**9.2.5.6** UDFS book IV/6.5.10 / 6.5.38 GetDirectDebit"; "ReturnDirectDebit".

Test ID	**IOP-HAM-110**
Function	Sending of an interbank transfer to another HAM account (same CB) via MT202 (or equivalent ICM payment) during the day
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE or LVMANATE (for check and/or input via ICM) • Sufficient liquidity on the HAM account
Description	The user generates and sends an HAM interbank payment (simplified MT202) with all mandatory fields including UETR in favour of another HAM account. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	participant's HAM test BIC (alternatively TRGTXEP0LVP) for internet-based participant)
Receiver	TRGTXEH0XXX
113 (header)	banking priority NNNN Field 121 UETR present
58A:	test BIC of another HAM account holder as defined by CB

Expected results	• Settlement of the interbank transfer (check via ICM) ☐ • Optional: MT900/910 received (SWIFT-based participant)☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-120**
Function	Sending of an interbank transfer from HAM to PM (different participant) via MT202 (or equivalent ICM payment) during the day
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE/LVMANATE (for check and/or input via ICM) • Sufficient liquidity on the HAM account
Description	The user generates and sends an HAM interbank payment (simplified MT202) with all mandatory fields including UETR in favour of another PM account. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	participant's HAM test BIC (alternatively TRGTXEP0LVP) for internet-based participant)
Receiver	TRGTXEH0XXX
113 (header)	banking priority NNNN Field 121 UETR present
58A:	test BIC of another PM participant as defined by CB

Expected results	• Settlement of the interbank transfer (check via ICM) ☐ • Optional: MT900/910 received (SWIFT-based participant) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-150**
Function	Receipt of an interbank transfer from another HAM account (same CB) via MT202 during the day
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE/LVMANATE (for check via ICM)
Description	The user requests the respective CB simulating another HAM participant to send an HAM interbank payment (simplified MT202) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEH0XXX
Receiver	participant's HAM test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	participant's HAM test BIC

Expected results	• MT202 received and processed correctly ☐ • user's HAM account credited ☐ • Optional: MT900/910 received (SWIFT-based participant) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-160**
Function	Receipt of an interbank transfer from a PM account (different participant) to HAM via MT202 during the day
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE/LVMANATE (for check via ICM)
Description	The user requests the respective CB simulating a PM participant to send an interbank payment (simplified MT202) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEH0XXX
Receiver	participant's HAM test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	participant's HAM test BIC

Expected results	• MT202 received and processed correctly ☐ • user's HAM account credited ☐ • Optional: MT900/910 received (SWIFT-based participant)☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-170 (from rel. 5.0)**
Function	Receipt of an interbank transfer from a PM account (different CB) to HAM via MT202 during the day
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE/LVMANATE (for check via ICM)
Description	The user requests a DP from another CB (or another CB simulating a PM participant) to send an interbank payment (simplified MT202) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEH0XXX
Receiver	participant's HAM test BIC (alternatively TRGTXEP0LVP when the receiver is Internet-based participant)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	participant's HAM test BIC

Expected results	• MT202 received and processed correctly ☐ • user's HAM account credited ☐ • Optional: MT900/910 received (SWIFT-based participant)☐ Comment :
References	UDFS I/2.3.1. - UDFS II (12.1.4)

Test ID	**IOP-PAY-170**
Function	Refresh of HAM, Select Payment Screen.
Test category	MAND
Apply to	HAM
Phase of the business day	Day Trade
Pre-conditions	• RBAC profile: at least CUINFOTE/LVMANATE • Multiple transactions have taken place on HAM account.
Description	**Logged in to ICM as Participant.** (i) User submits a search for payments according to their chosen criteria. (ii) The retrieved data is then sorted according to user's requirements. (iii)User activates the refresh button on the *HAM, Select Payment Screen* to include the latest transactions
Expected results	Up to date transaction information will be retrieved according to the search criteria defined previously by the user, the transactions will be displayed in the order of the sort chosen by the user.
References	ICM UHB 1: 6.2.1.2

Test ID	**IOP-PAY-175**
Function	Refresh of HAM, Select Payment Screen for co-managed account
Test category	MAND
Apply to	CoMgr
Phase of the business day	Day Trade
Pre-conditions	RBAC profile: CUCOMATE/FE Multiple transactions have taken place on co-managed HAM account.
Description	**Logged into ICM as co-manager.** (i) User submits a search for payments according to their chosen criteria. (ii) The retrieved data is then sorted according to user's requirements. (iii) User activates the refresh button on the *HAM, Select Payment Screen* to include the latest transactions
Expected results	Up to date transaction information will be retrieved according to the search criteria defined previously by the user, the transactions will be displayed in the order of the sort chosen by the user.
References	ICM UHB 1: 6.2.1.2

Test cases related to HAM and link to other modules

Test ID	**IOP-HAM-190**
Function	Receipt of a customer statement message (MT940) for the HAM account
Test category	COUS
Apply to	HAM (SWIFT-based participant)
Phase of the business day	end-of-day
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT940 requested in the static data
Description	User receives an MT940.
Expected results	• MT940 is automatically received at the end-of-the-day ☐ • MT940 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS II/14.1.2.2.2.3

Test ID	**IOP-HAM-195**
Function	Receipt of a statement message for the HAM account (MT950 or MT950 like)
Test category	COUS
Apply to	HAM
Phase of the business day	end-of-day (SWIFT-based participant), next business day (Internet-based participant)
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT950 requested in the static data (SWIFT-based participant)
Description	User receives an MT950 or ICM equivalent.
Expected results	• MT950 is automatically received at the end-of-the-day (SWIFT-based participant) or available at the next business day (Internet-based participant) ☐ • MT950 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS II/14.1.2.2.2.4

Test ID	**IOP-HAM-310**
Function	Define automatic account transfer (standing order executed at the beginning of the day) from HAM to PM
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: CULIQUTE/FE or HAMANATE/FE or LVMANATE/FE • Sufficient liquidity on the HAM account at the beginning of the next business day
Description	In ICM user selects 'RTGS, Liquidity, Standing Order Liquidity Transfer, Home Account to RTGS Account' and add/change the amount shown on the screen. Save the change. The second user confirms the action (if 4 eyes).
Expected results	• Check change is taken by re-opening the ICM screen ☐ • At the beginning of the next business day the respective standing order is performed correctly ☐ • *Optional:* MT900/910 received and processed correctly (SWIFT-based participant) Comment :
References	UDFS I/2.3.1.1, II/14.2.3.1,2, ICM I/6.1.2.4.1 UDFS IV/6.7.9 ModifyStandingOrder <camt.024.001.05>/<camt.024.001.04>

Test ID	**IOP-HAM-320**
Function	Delete automatic account transfer (standing order executed at the beginning of the day) from HAM to PM
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: CULIQUTE/FE or HAMANATE/FE or LVMANATE/FE
Description	In ICM user selects 'RTGS, Liquidity, Standing Order Liquidity Transfer, Home Account to RTGS Account' and remove/delete the amount shown on the screen. Save the change. The second user confirms the action (if 4 eyes).
Expected results	• Check change is taken by re-opening the ICM screen ☐ • At the beginning of the next business day no standing order is performed ☐ Comment :
References	UDFS I/2.3.1.1, II/14.2.3.1,2, ICM I/6.1.2.4.1 — UDFS IV/6.7.9 ModifyStandingOrder <camt.024.001.05.>/ <camt.024.001.004>

Test ID	**IOP-HAM-410**
Function	Sending of a liquidity transfer from HAM to PM (same participant) via ICM during the day
Test category	COUS
Apply to	HAM (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC profile: HAMANATE/FE or LVMANATE/FE • Sufficient liquidity on the HAM account
Description	In ICM the user selects 'HAM, Liquidity, Current liquidity', takes the respective HAM account (if there are different HAM accounts) and via the button 'Liquidity transfer' initiates a liquidity transfer from the HAM to the RTGS account. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received and processed correctly ☐ Comment :
References	UDFS I/2.3.1.2, II/12.1.4, II.14.2.3.1.3, ICM I/6.2.2.1 — UDFS IV/6.7.7 LiquidityCreditTransfer <camt.050.001.04>/<camt.050.001.03>

Test ID	**IOP-HAM-420**
Function	Sending of an interbank transfer from HAM to PM (different participant) via ICM during the day
Test category	COUS
Apply to	HAM
Business day phase	Day trade
Pre-conditions	• RBAC profile: HAMANATE/FE or LVMANATE/FE • Sufficient liquidity on the HAM account
Description	In ICM the user selects 'HAM, Liquidity, Current liquidity', takes the respective HAM account (if there are different HAM accounts) and via the button 'Liquidity transfer (other accounts)' initiates an interbank transfer from the HAM account to the RTGS account to be defined in the pop-up screen. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received and processed correctly (SWIFT-based participant)☐ Comment :
References	UDFS II/12.1.4, II.14.2.3.1.3, ICM I/6.2.2.2.1 UDFS IV/6.7.7 LiquidityCreditTransfer <camt.050.001.04/camt050.001.03>

Test ID	**IOP-HAM-430**
Function	Receipt of a liquidity transfer from PM to HAM (same participant) via ICM during the day
Test category	COUS
Apply to	HAM (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC profile: CULIQUTE/FE • Sufficient liquidity on the RTGS (PM) account
Description	In ICM the user selects 'HAM, Liquidity, Current liquidity', takes the respective HAM account (if there are different HAM accounts) and via the button 'Liquidity transfer' initiates a liquidity transfer from the RTGS account to the HAM account. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received and processed correctly ☐ Comment :
References	UDFS I/2.3.1.2, II/12.1.4, II.14.2.3.1.3, ICM I/6.2.2.1 — UDFS IV/6.4.14 LiquidityCreditTransfer <camt.050.001.04/camt.050.001.03>

Test ID	**IOP-HAM-450**
Function	Sending of a liquidity transfer from HAM to PM (same participant) via MT202 during the day
Test category	COUS
Apply to	HAM (SWIFT-based participant only)
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the HAM account
Description	The user generates and sends an HAM interbank payment (simplified MT202) with all mandatory fields in favour of the own PM account. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	participant's HAM test BIC (alternatively TRGTXEP0LVP) for internet-based participant)
Receiver	TRGTXEH0XXX
113 (header)	banking priority NNNN Field 121 UETR present
57A:	BIC of home CB
58A:	participant's PM test BIC

Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received ☐ Comment :
References	UDFS I/2.6.2.2.3, II/12.1.4, II.14.1.1.1 - and II.14.1.2

Test ID	**IOP-HAM-460**
Function	Receipt of a liquidity transfer from PM to HAM (same participant) via MT202 during the day
Test category	COUS
Apply to	HAM (SWIFT-based participant only) (wich is also DP)
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the PM account
Description	The user generates and sends an interbank payment (simplified MT202) with all mandatory fields in favour of the own HAM account. Specific details of the message:

Field	***Description***
Y-copy message, TGT in field 202 of the user header	
Sender	participant's PM test BIC
Receiver	TRGTXEP0HAM
113 (header)	banking priority, first character N Field 121 UETR present
First of 56A, 57A or 58A:	test BIC of own HAM account

Expected results	• Settlement of the interbank transfer (check via ICM) ☐ • Optional: MT012 received and processed correctly ☐ • Optional: MT900/910 received ☐ Comment :
References	UDFS I/2.6.2.1.3, II/12.1.4, II.14.1.1.1 - II.14.1.2

Test ID	**IOP-HAM-610**
Function	Sending of a liquidity transfer from HAM to PM (same participant) via ICM during the day, initiated by a co-manager
Test category	COUS
Apply to	CoMgr
Business day phase	Day trade
Pre-conditions	• RBAC profile: CUCOMATE/FE • Sufficient liquidity on the HAM account
Description	In ICM the co-manager selects '*HAM, Liquidity, Current liquidity'*, selects the respective co-managed HAM account (if there are different HAM accounts) and via the button 'Liquidity transfer' initiates a liquidity transfer from the co-managed HAM account to the RTGS account. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received and processed correctly ☐ Comment :
References	UDFS I/2.3.1.2, II/12.1.4, II.14.2.3.1.3, ICM I/6.2.2.1 — UDFS IV/6.7.7 LiquidityCreditTransfer <camt.050.001.04>/<camt.050.001.03>

Test ID	**IOP-HAM-620**
Function	Sending of an interbank transfer from HAM to PM (different participant) via ICM during the day, initiated by a co-manager
Test category	COUS
Apply to	CoMgr
Business day phase	Day trade
Pre-conditions	• RBAC profile: CUCOMATE/FE • Sufficient liquidity on the HAM account
Description	In ICM the user acting as co-manager selects *'HAM, Liquidity, select co-managed participants'*, takes the respective co-managed HAM account (if there are different HAM/co-managed accounts) and via the button 'Liquidity transfer (other accounts)' initiates an interbank transfer from the co-managed HAM account to the RTGS account to be defined in the pop-up screen. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received and processed correctly ☐ Comment :
References	UDFS II/12.1.4, II.14.2.3.1.3, ICM I/6.2.2.2.1 UDFS IV/6.7.7 LiquidityCreditTransfer <camt.050.001.04>/ camt.050.001.03>

Test ID	**IOP-HAM-625 (from rel. 5.0)**
Function	Sending of an Interbank transfer **HAM to PM** (RTGS account of co-manager) via ICM during the day, initiated by a co-manager
Test category	COUS
Apply to	CoMgr
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: CUCOMATE/FE • Sufficient liquidity on the HAM account
Description	In ICM the co-manager selects 'HAM, Liquidity, Current liquidity', selects the respective co-managed HAM account (if there are different HAM accounts) and via the button ' 'Liquidity transfer (other accounts)' initiates an Interbank transfer from the co-managed HAM account to the RTGS account of the co-manager. The second user confirms the action (if 4 eyes).
Expected results	Interbank transfers from co-managed HAM account to RTGS account of co-manager account, the MT202 output message sent by PM is generated as: -BIC of field 58 (credit account) is used as receiver of the generated MT202 (unchanged) -Field 58 of the generated MT202 is filled with BIC of field 52
References	UDFS I

Test ID	**IOP-HAM-630**
Function	Sending of an liquidity transfer from PM to HAM (same participant) via ICM during the day, initiated by a co-manager
Test category	COUS
Apply to	CoMgr
Business day phase	Day trade
Pre-conditions	• RBAC profile: CUCOMATE/FE • Sufficient liquidity on the RTGS (PM) account
Description	In ICM the co-manager selects 'HAM, Liquidity, Current liquidity', takes the respective co-managed HAM account (if there are different HAM accounts) and via the button 'Liquidity transfer' initiates a liquidity transfer from the RTGS account to the co-managed HAM account. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the liquidity transfer (check via ICM) ☐ • Optional: MT900/910 received and processed correctly ☐ Comment :
References	UDFS I/2.3.1.2, II/12.1.4, II.14.2.3.1.3, ICM I/6.2.2.1 — UDFS IV/6.4.14 LiquidityCreditTransfer <camt.050.001.04>/<camt.050.001.03>

Test ID	**IOP-HAM-690**
Function	Receipt of a customer statement message (MT940) for the co-managed HAM account
Test category	COUS
Apply to	CoMgr
Phase of the business day	end-of-day
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT940 requested in the static data
Description	Co-manager receives an MT940.
Expected results	• MT940 is automatically received at the end-of-the-day ☐ • MT940 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS II/14.1.2.2.2.3

Test ID	**IOP-HAM-695**
Function	Receipt of a statement message (MT950) for the co-managed HAM account
Test category	COUS
Apply to	CoMgr
Phase of the business day	end-of-day
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT950 requested in the static data
Description	Co-manager receives an MT950.
Expected results	• MT950 is automatically received at the end-of-the-day ☐ • MT950 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS II/14.1.2.2.2.4

Test ID	**IOP-HAM-700 (test case introduced with release 7.0)**
Function	Get a list of transactions from HAM (A2A mode)
Test category	COUS
Apply to	HAM (SWIFT-based participant only) or CoMgr
Business day phase	Day trade
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is defined as HAM participant (or CoMgr) in Static Data • The user has sent and received payments for the day • System open
Description	The user sends before the cut-off a request (GetTransaction_HAM) to the SSP including the <Value date> of the day. (check detailed syntax in UDFS book IV below)
Expected results	Ability to get a list of transaction from the HAM's SSP ☐ ReturnTransaction_HAM message received and correctly processed: Data in <Business Report> section contain correct information on the HAM account's transactions (check via ICM). ☐ Comment :
References	UDFS Book II/ 12.1; II/**14.2.3.1.7** XML book IV/6.7.6 / 6.7.17 "GetTransaction_HAM" "ReturnTransaction_HAM"

Test ID	**IOP-HAM-810**
Function	Sending of an customer payment (MT103) to another CB customer (same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the CB customer account
Description	The user generates and sends a customer payment (MT103) with all mandatory fields in favour of another HAM account. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	CB customer's own test BIC
Receiver	TRGTXEC0XccX (cc is replaced by the country code of the CB)
113 (header)	banking priority NNNN Field 121 UETR present
First of 56A or 57A:	test BIC of another HAM account holder as defined by CB

Expected results	• Settlement of the payment (check via ICM) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-830**
Function	Sending of an interbank payment (MT202) to another CB customer (different CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the CB customer account
Description	The user generates and sends an interbank payment (simplified MT202) with all mandatory fields in favour of another CB customer belonging to a different CB. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 202 of the user header	
Sender	CB customer's own test BIC
Receiver	TRGTXEC0XccX (cc is replaced by the country code of the CB)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	test BIC of CB customer belonging to another CB as defined by home CB

Expected results	• Settlement of the interbank payment (check via ICM) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-835**
Function	Sending of an interbank payment (MT202COV) to another CB customer (different CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the CB customer account
Description	The user generates and sends an interbank payment (MT202COV) with all mandatory fields in favour of another CB customer belonging to a different CB. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 202 of the user header	
Sender	CB customer's own test BIC
Receiver	TRGTXEC0XccX (cc is replaced by the country code of the CB)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	test BIC of CB customer belonging to another CB as defined by home CB

Expected results	• Settlement of the interbank payment (check via ICM) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-840**
Function	Sending of an interbank payment (MT202) to PM (different participant, same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the CB customer account
Description	The user generates and sends an interbank payment (simplified MT202) with all mandatory fields in favour of an PM account. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	CB customer's own test BIC
Receiver	TRGTXEC0XccX (cc is replaced by the country code of the CB)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	test BIC of another PM participant as defined by CB

Expected results	• Settlement of the interbank transfer (check via ICM) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-845**
Function	Sending of an interbank payment (MT202COV) to PM (different participant, same or different CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM) • Sufficient liquidity on the CB customer account
Description	The user generates and sends an interbank payment (MT202COV) with all mandatory fields in favour of an PM account. Specific details of the message:

Field	***Description***
V-shape message, no TGT in field 202 of the user header	
Sender	CB customer's own test BIC
Receiver	TRGTXEC0XccX (cc is replaced by the country code of the CB)
113 (header)	banking priority NNNN Field 121 UETR present
58A:	test BIC of another PM participant as defined by CB

Expected results	• Settlement of the interbank transfer (check via ICM) ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-850a**
Function	Receipt of a customer payment (MT103+) from another CB customer (same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM)
Description	The user requests the respective CB simulating another CB customer to send a customer payment (MT103+) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEC0XccX (cc is replaced by the country code of the CB)
Receiver	CB customer's test BIC
113 (header)	banking priority NNNN Field 121 UETR present
58A:	CB customer's test BIC

Expected results	• MT103+ received and processed correctly ☐ • user's account credited ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-850b**
Function	Receipt of a T2 GPII customer payment (MT103+) from another CB customer (same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM)
Description	The user requests the respective CB simulating another CB customer to send a customer payment (MT103+) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEC0XccX (cc is replaced by the country code of the CB)
Receiver	CB customer's test BIC
113 (header)	banking priority NNNN Field 111 completed (code not validated by SWIFT) Field 121 UETR present
58A:	CB customer's test BIC

Expected results	• MT103+ received and processed correctly ☐ • user's account credited ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-860a**
Function	Receipt of a customer payment (MT103) from a PM participant (same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM)
Description	The user requests the respective CB simulating a PM account holder to send a customer payment (MT103) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEC0XccX (cc is replaced by the country code of the CB)
Receiver	CB customer's test BIC
113 (header)	banking priority NNNN Field 121 UETR present
58A:	CB customer's test BIC

Expected results	• MT103 received and processed correctly ☐ • user's account credited ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-870**
Function	Receipt of an interbank transfer (MT202) from another CB customer (same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM)
Description	The user requests the respective CB simulating another CB customer to send an interbank payment (MT202) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 103 of the user header	
Sender	TRGTXEC0XccX (cc is replaced by the country code of the CB)
Receiver	CB customer's test BIC
113 (header)	banking priority NNNN Field 121 UETR present
58A:	CB customer's test BIC

Expected results	• MT202 received and processed correctly ☐ • user's HAM account credited ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-875**
Function	Receipt of an interbank transfer (MT202COV) from another CB customer (same CB)
Test category	COUS
Apply to	CBC
Business day phase	Day trade
Pre-conditions	• RBAC profile: at least CUINFOTE (for check via ICM)
Description	The user requests the respective CB simulating another CB customer to send an interbank payment (MT202COV) with all mandatory fields. Specific details of the message received:

Field	***Description***
V-shape message, no TGT in field 202 of the user header	
Sender	TRGTXEC0XccX (cc is replaced by the country code of the CB)
Receiver	CB customer's test BIC
113 (header)	banking priority NNNN Field 121 UETR present
58A:	CB customer's test BIC

Expected results	• MT202COV received and processed correctly ☐ Comment :
References	UDFS II/12.1.4, II.14.1.1.1 and - II.14.1.2

Test ID	**IOP-HAM-890**
Function	Receipt of a customer statement message (MT940) for the CB customer account
Test category	COUS
Apply to	CBC
Phase of the business day	end-of-day
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT940 requested in the static data
Description	User receives an MT940.
Expected results	• MT940 is automatically received at the end-of-the-day ☐ • MT940 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS II/14.1.2.2.2.3

Test ID	**IOP-HAM-895**
Function	Receipt of a statement message (MT950) for the CB customer account
Test category	COUS
Apply to	CBC
Phase of the business day	end-of-day
Pre-conditions	• previous exchange of payments resulting in debits and credits on the account • Receipt of MT950 requested in the static data
Description	User receives an MT950.
Expected results	• MT950 is automatically received at the end-of-the-day ☐ • MT950 correctly reflects debits and credits resulting from payment traffic during the day ☐ Comment:
References	UDFS II/14.1.2.2.2.4

Test ID	**IOP-HAM-950**
Function	HAM Get Reservation: Request information about reservations during the day
Test category	COUS
Apply to	CBC
Phase of the business day	end-of-day
Pre-conditions	• The user is defined as HAM Participant in Static Data • System open
Description	The HAM Participant sends a camt.046.001.04/03 with message name Get Reservation (GetRsvatn) to the HAM.
Expected results	• message Return Reservation <camt.0047.001.05/ camt.047.001.03> (RtrRsvatn) is received ☐ Comment:
References	UDFS IV/7.0

Test ID	**IOP-HAM-960**
Function	HAM Enter cash withdrawal Reservation: Enter reservation of liquidity for cash withdrawals during the day
Test category	COUS
Apply to	HAM
Phase of the business day	end-of-day
Pre-conditions	• The user is defined as HAM Participant in Static Data • No other reservation for cash withdrawals exists (defined value = 0) • System open
Description	The Participant sends a camt.048.001.04 or camt.048.001.03 with message name Modify Reservation (ModfyRsvatn) and the reservation type CARE to HAM.
Expected results	• the reservation for cash withdrawals is set to value defined in the message ☐ • receipt message <camt.025.001.04/ camt.025.001.03> is received Comment:
References	UDFS IV/7.0

Test ID	**IOP-HAM-970**
Function	HAM modify cash withdrawal Reservation: modification of reservation of liquidity for cash withdrawals during the day
Test category	COUS
Apply to	HAM
Phase of the business day	end-of-day
Pre-conditions	• The user is defined as HAM Participant in Static Data • No other reservation for cash withdrawals exists (defined value = 0) • System open
Description	The Participant sends a camt.048.001..04/camt.048.001.03 with message name Modify Reservation (ModfyRsvatn) and the reservation type CARE to HAM.
Expected results	• the reservation for cash withdrawals is set to value defined in the message ☐ • receipt message camt.025.001.04/camt.025.001.03> is received Comment:
References	UDFS IV/7.0

Test cases related to Standing facilities module

Test ID	**IOP-SF-110**
Function	Funds placed on overnight deposit via ICM
Test category	COCB
Apply to	DP, HAM
Business day phase	End-of-day
Pre-conditions	• RBAC profile: CULIQUTE/FE or HAMANATE/FE or LVMANATE/FE • Sufficient liquidity on the PM/HAM account
Description	In ICM user selects 'Services, Standing Facilities, Overnight deposits', and opens via the 'Liquidity transfer' button a pop-up screen, where the amount to be moved from the PM/HAM account to the overnight deposit account needs to be keyed-in. Save the change. The second user confirms the action (if 4 eyes).
Expected results	Settlement of the internal direct debit (check via ICM) ☐ Optional: MT900 received (SWIFT-based participant)☐ REMARK: Repay of funds and interest will take place automatically at the start of the next business day Comment :
References	UDFS II/12.3.1, ICM 6.3.2.1 UHB IV/6.8.3, LiquidityCreditTransfer <camt.050.001.04>/ <camt.050.001.03>

Test ID	**IOP-SF-120**
Function	Reversion of funds placed on overnight deposit via ICM
Test category	COCB
Apply to	DP, HAM
Business day phase	End-of-day
Pre-conditions	• RBAC profile: CULIQUTE/FEor HAMANATE/FE or LVMANATE/FE • Previous move of funds to the overnight deposit account (IOP-SF-110)
Description	In ICM user selects 'Services, Standing Facilities, Overnight deposits', and opens via the 'Liquidity transfer' button a pop-up screen, where the amount to be returned from the overnight deposit account to the PM/HAM account needs to be keyed-in. In addition, the direction has to be changed (from Overnight deposit account to PM/HAM account). Save the change. The second user confirms the action (if 4 eyes).
Expected results	• Settlement of the internal transfer (check via ICM) ☐ • Optional: MT910 received (SWIFT-based participant)☐ Comment :
References	UDFS II/12.3.1, ICM 6.3.2.1 — UHB IV/6.8.3, LiquidityCreditTransfer <camt.050.001.04>/ <camt.050.001.03>

Test ID	**IOP-SF-210**
Function	Automatic recourse to the marginal lending facility
Test category	COCB
Apply to	DP
Business day phase	End-of-day
Pre-conditions	• RBAC profile: CULIQUTE/FE • Intraday credit (at least partially) not returned
Description	In an automatic process, if the credit institution is endorsed to access the marginal lending facilities and the credit line is used (not covered by sufficient liquidity on RTGS account), the respective actions are taken by the CB and, following the debit of the marginal lending account, the PM account is credited (and the credit line is reduced).
Expected results	• Settlement of the internal transfer (check via ICM) ☐ • Optional: MT910 received ☐ REMARK: Debit of funds and interest on PM account will take place automatically at the start of the next business day. Comment :
References	UDFS II/12.3.1, ICM 6.3.2.1

Test ID	**IOP-SF-300 (test case introduced with release 7.0)**
Function	Request information on SF account (A2A mode)
Test category	COUS
Apply to	DP
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is correctly defined as direct participant in Static Data with SF accounts open. • System open
Description	The user sends an A2A message (GetAccount_SF) to the SSP to request information about the balance of the marginal lending account on the overnight deposit account. The <*AnyBIC*> tag in the <*Id*> node is set to the BIC 11 of the participant. The <*Cd*> tag in the <*Tp*> node is set to *ONDP* (Overnight Deposit) or *MGLD* (Marginal Lending). Check detailed syntax in UDFS book IV below.
Expected results	A ReturnAccount_SF message is received ☐ The tag in <*Id*>...</*Id*> in the <*AcctId*> ...</*AcctId*> node is set to the BIC of the PM participant, and <*Amt* >...</*Amt*> in the <*MulBal*>...</ *MulBal*> section is set to the current balance of the SF account (Overnight Deposit or Marginal Lending, depending on the request) owned by participant (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book III/ 12.3.2; UDFS book IV/6.8.1/6.8.4 "GetAccount_SF" <camt.003.001.06>/<camt.003.001.05>; "ReturnAccount_SF" <camt.004.001.07><camt.004.001.05>.

Test ID	**IOP-SF-310 (test case introduced with release 7.0)**
Function	Request information on SF account – Co-Manager (A2A mode)
Test category	COUS
Apply to	CoMgr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is correctly defined as Co-Manager of at least one HAM participant with SF accounts open in Static Data. • System open
Description	The user sends an A2A message (GetAccount_SF) to the SSP to request information about the balance of the marginal lending account or the overnight deposit account of its co-managed participant. The <*AnyBIC*> tag in the <*Id*> node is set to the BIC 11 of the co-managed participant The <*Cd*> tag in the <*Tp*> node is set to *ONDP* (Overnight Deposit) or *MGLD* (Marginal Lending). Check detailed syntax in UDFS book IV below.
Expected results	A ReturnAccount_SF message is received ☐ The tag in <*Id*>...</*Id*> in the <*AcctId*> ...</*AcctId*> node is set to the BIC of the co-managed participant, and <*Amt* >...</*Amt*> in the <*MulBal*>...</ *MulBal*> section is set to the current balance of the SF account (Overnight Deposit or Marginal Lending, depending on the request) owned by participant (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book III/ 12.3.2; UDFS book IV/6.8.1/6.8.4 "GetAccount_SF" <camt.003.001.06>/ <camt.003.001.05>;; "ReturnAccount_SF" <camt.004.001.07>/<camt.004.001.05>.

Test ID	**IOP-SF-400 (test case introduced with release 7.0)**
Function	Transfer funds from PM account to the SF account (setting up of an Overnight Deposit) via A2A (LiquidityCreditTransfer)
Test category	COUS
Apply to	DP
Business day phase	Day-trade phase
Pre-conditions	• RBAC profile: APPLICATE • SF accounts defined • Sufficient liquidity on PM account
Description	The user sends LiquidityCreditTransfer (A2A) message with a specific amount (including decimal point) in tag <InstAmt>, to be moved from the PM account to the Overnight Deposit (SF) account.
Expected results	1. Settlement of the request (internal direct debit) ☐ REMARK: Repay of funds and interest will take place automatically at the start of the next business day Optional: MT900/910 received and processed correctly ☐
References	UDFS III/20.2.5.1 UDFS IV/6.8.3, LiquidityCreditTransfer <camt.050.001.04>/ <camt.050.001.03> or <LqdtyCdtTfr>

Test ID	**IOP-SF-410 (test case introduced with release 7.0)**
Function	Transfer funds from SF account to the PM account (setting up of a Marginal Lending on request) via A2A (LiquidityCreditTransfer)
Test category	COUS
Apply to	DP
Business day phase	Day-trade phase
Pre-conditions	• RBAC profile: APPLICATE • SF accounts defined
Description	The user sends LiquidityCreditTransfer (A2A) message with a specific amount (including decimal point) in tag <InstAmt>, to be moved from the marginal lending (SF) account to the PM account.
Expected results	2. Settlement of the request (internal direct debit) ☐ REMARK: Repay of funds and interest will take place automatically at the start of the next business day Optional: MT900/910 received and processed correctly ☐
References	UDFS III/20.2.5.1 UDFS IV/6.8.3, LiquidityCreditTransfer <camt.050.001.04>/ <camt.050.001.03> or <LqdtyCdtTfr>

Test cases related to ECONS

Test ID	**IOP-ECONS-PM-010 (test case introduced with release 13.0)**
Function	Submission by PM-ECONS1 participant to **another PM-ECONS1** participant of a payment in contingency (ECONS activated), that will settle successfully. Participant able to monitor its status
Test category	COUS (mandatory for defined participants)
Apply to	DP, GoA Mngr
Business day phase	Day trade
Pre-conditions	• Participant has subscribed to the contingency service of TARGET2 in SWIFT (e-ordering) • Participant has been granted the correct RBAC role (U2A) CUBAUPTE/FE in 2 or 4 eyes mode by local security officer • The Participant has a ECONS account defined in the PM static data • ECONS activated ; system open for day light trade phase • Liquidity injections has been executed by the home CB
Description	The user sends in U2A a valid payment to another ECONS1 participant
Expected results	The payment is successfully submitted ☐ The T2 participant connected to ECONS in U2A is able to monitor the status of the payment in U2A (screen Select Payment) (waiting CB confirmation; settled) Comment :
References	UDFS Book I chapter 4; UDFS Book III chapter 8.

Test ID	**IOP-ECONS-PM-020 (test case introduced with release 13.0)**
Function	Submission by PM-ECONS1 participant to **its CB PM-ECONS1** participant of a payment in contingency (ECONS activated), that will settle successfully. Participant able to monitor its status
Test category	COUS (mandatory for defined participants)
Apply to	DP, GoA Mngr
Business day phase	Day trade
Pre-conditions	• Participant has subscribed to the contingency service of TARGET2 in SWIFT (e-ordering) • Participant has been granted the correct RBAC role (U2A) CUBAUPTE/FE in 2 or 4 eyes mode by local security officer • The Participant has a ECONS account defined in the PM static data • ECONS activated ; system open for day light trade phase • Liquidity injections has been executed by the home CB
Description	The user sends in U2A a valid payment to its CB PM participant account
Expected results	The payment is successfully submitted ☐ The T2 participant connected to ECONS in U2A is able to monitor the status of the payment (waiting CB confirmation; settled) ☐ Comment :
References	UDFS Book I chapter 4; UDFS Book III chapter 8.

Test ID	**IOP-ECONS-PM-060 (test case introduced with release 13.0)**
Function	Reception of MT940/950 sent after the closure of the contingency session (case contingency session opened and closed into the same business day)
Test category	COUS (mandatory for defined participants)
Apply to	DP, GoA Mngr
Business day phase	Day trade
Pre-conditions	• Participant has been granted the correct RBAC role (U2A) • The Participant exists in Static Data and the user is correctly defined as DP or GoA manager • ECONS activated and closed the same business day
Description	ECONS sends after closure of the contigency session, MT940/950
Expected results	Participant is able to receive and treat the MT940/950 coming from ECONS1 ☐
	Comment :
	UDFS Book I chapter 4;
	UDFS Book III chapter 8.
References	

Test ID	**IOP-ECONS-PM-070 (test case introduced with release 13.0)**
Function	Request of statement of account by the TARGET participant while ECONS is activated multiple days.
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade
Pre-conditions	• Participant has been granted the correct RBAC role (U2A) • The Participant exists in Static Data and the user is correctly defined as DP or GoA manager • ECONS activated ; system open for day light trade phase • Liquidity injections has been performed by the CB • Payments orders have been submitted and confirmed successfully by CB • ECONS activated **multiple days** • Continue using ECONS1 the following Business day
Description	The user sends at the end of a contingency (not the last one of the contingency session) in U2A a GetTransaction U2A process allowing users to download, after a query, the partial/full result via Excel .csv file
Expected results	The participant successfully download the statement of account ☐ Comment :
References	UDFS Book I chapter 4; UDFS Book III chapter 8.

Test ID	**IOP-ECONS-AS-010 (test case introduced with release 13.0)**
Function	Monitoring by AS participant of a batch of instructions related to ASI procedure 4 submitted in contingency by its CB (ECONS activated and monitoring of transactions in U2A
Test category	COUS
Apply to	AS settling in procedure 4
Business day phase	Day trade
Pre-conditions	• AS has been granted the correct AS RBAC role (ASMANATE/FE) (U2A) • The AS exists in Static Data and associated to procedure 4 • ECONS activated ; system open for day light trade phase • CB has sent via agreed means a valid file containing a list of payment orders to debit RTGS accounts to credit the AS technical account and other way around
Description	The AS monitors the AS file created by the AS itself and submitted by its CB in contingency mode (ECONS)
Expected results	The AS participant connected to ECONS in U2A is able to monitor the status of all payments issued from the file submitted ☐ Comment :
References	UDFS Book I chapter 4; UDFS Book III chapter 8.

Test cases related to common modules

Test ID	**IOP-COM-010 (test case introduced with release 7.0)**
Function	Request broadcast sent by SSP to a participant (A2A mode)
Test category	COUS
Apply to	DP, GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • A Participant exists in Static Data and the user is correctly defined as DP or GoA manager • Some broadcasts have been sent from SSP (egg info period on ASI) or NCB help desk • System open
Description	The user sends an A2A message (GetBroadcast, camt.998.001.03/camt.998.001.02) to the SSP to retrieve some details on broadcasts sent to the defined participant. The <Participant BIC> tag is present and set to the BIC 11 of the participant, and the < DateTimePeriodChoice > tag is present (check detailed syntax in UDFS book IV below).
Expected results	A Returnbroadcast message (CAMT2012/2017) is received ☐ Data in <ProprietaryData> section contain correct information on the various broadcast sent to the defined participant (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book I/2.5.1; I/2.4.3; I/2.8.2; I/**9.2.3.4** I/**9.2.6.6** UDFS book IV/6.3.1 / 6.3.6 GetBroadcast; ReturnBroadcast.

Test ID	**IOP-COM-020 (test case introduced with release 7.0)**
Function	A CAMT2012/2017 “GetPendingdata” initiated by a direct participant
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for Direct Participant
Description	The GetPendingData message is sent to asynchronously retrieve the result of a previous inquiry that was disrupted by the ICM server because of a timeout event.
Expected results	A correct CAMT2012/2017 Receipt is received
References	UDFS IV; 6.3.2

Test ID	**IOP-COM-030 (test case introduced with release 7.0)**
Function	A CAMT2012/2017 “GetSystemTime” initiated by a direct participant.
Test category	COUS
Apply to	DP
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for Direct Participant
Description	The GetSystemTime message is sent to receive the system time of the SSP. It can be used to check the connection between the application of the direct PM participant and the ICM server.
Expected results	A correct CAMT2012/2017 ReturnSystemTime message is received.
References	UDFS IV; 6.3.3

Test ID	**IOP-COM-040 (test case introduced with release 7.0)**
Function	Request information on the status of one or more tasks (A2A mode)
Test category	COUS
Apply to	DP
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC: APPLICATE (A2A) • The user is correctly defined in the Static Data Module. • At least one task (e.g. a backup payment) exists for the current business day (check via ICM task queue). • System open
Description	The user sends an A2A message (GetTask) to the SSP to request information about the current status of the elements in the task queue of a single SSP module (e.g. PM in the case of a backup payment). The *<TskSts>…</TskSts>* tag in the *<SchCrit>* node is set to '*toConfirm* (e.g. in the case of a backup payment that has not yet been confirmed) or *Completed* (e.g. in the case of a backup payment that has already been confirmed). Check detailed syntax in UDFS book IV below.
Expected results	A ReturnTask message is received ☐ The message contains information for the identification of the captured task(s) Further information on the captured task (e.g. amount, creditor and debtor for a Backup Payment) is returned as separate XML document together with the payload. (check via ICM). ☐ The message is processed correctly ☐ Comment :
References	UDFS Book III/ 9.2.3.2; UDFS book IV/6.3.4/6.3.8 "GetTask" <camt.998.001.03>/<camt.998.001.02>; "ReturnTask" <camt.998.001.03>/<camt.998.001.02>.

Test ID	**IOP-COM-050 (test case introduced with release 7.0)**
Function	Response to a delete- and modify- messages (Receipt)
Test category	COUS
Apply to	DP, MAP (SWIFT-based direct participant)
Phase of the business day	Day trade
Pre-conditions	• RBAC profile: at least APPLICATE or APPLICBTE • At least one request (e.g. LiquidityCreditTransfer) has been made previously.
Description	Receive and process a Receipt related to a specific message sent (eg. LiquidityCreditTransfer).
Expected results	• Task is ok from technical point of view: inserted in the task queue ☐ • The message is processed correctly ☐ • Check the effect (modification) generated by the original request ☐ Comment:
References	UDFS III/20.2.2, 20.2..3, 20.2.4 and 20.2.5, 20.2.6 UDFS IV 6.3.5

Test cases related to ASI

ASI Procedure 1

Not allowed to use this model anymore -> test cases deleted

ASI Procedure 2

Test cases applicable to AS of procedure 2 (IOP-AS-200 till IOP-AS-265)

Procedure 2: overview of test cases

Num test case	Apply to	Scenario description
IOP-AS-200	AS	Successful settlement between RTGS accounts no optional mechanism
IOP-AS-210	AS	Successful settlement between RTGS accounts with opt. mechanism
IOP-AS-215	AS	Successful settlement between RTGS accounts with opt. Mechanism ; lack of funds triggering rejection
IOP-AS-220	AS	Successful settlement with technical account with opt. mechanism
IOP-AS-255	AS	Unsuccessful settlement between RTGS accounts with opt. Mechanism; revocation of transactions
IOP-AS-260	AS	Unsuccessful settlement with technical account with opt. Mechanism; revocation of transactions
IOP-AS-265	AS	Unsuccessful settlement with technical account with opt. Mechanism; revocation of transactions
IOP-AS-SB-200	SB	Successful settlement between RTGS accounts; ability to received notification
IOP-AS-SB-210	SB	Successful settlement to technical account; ability to received notification
IOP-AS-SB-220	SB	Successful settlement from technical account; ability to received notification
IOP-AS-SB-230	SB	Unsuccessful settlement with RTGS account; ability to received broadcast notification
IOP-AS-SB-240	SB	Unsuccessful settlement from technical account; ability to received broadcast notification
IOP-AS-SB-250	SB	Unsuccessful settlement to technical account; ability to received broadcast notification

Test ID	**IOP-AS-200**
Function	**Real Time Settlement Liquidity Transfer initiated by AS** (P**rocedure** 2 - transactions between RTGS accounts- no use of technical account) – No optional mechanism used. Positive case.
Test category	COUS ; MAND for AS using procedure 2 not using technical account
Apply to	Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	AS sends a correct filled in ASTransferInitiation (XML) with all mandatory fields and no optional fields.ASI to send to SB SWIFT-based participant MT900/910 when opt for them.
Expected results	AS is able to: -send a valid ASTransferInitiation containing a liquidity transfer between 2 RTGS accounts participating to the AS to ASI without “Scheduled time”and “Scheduled period” ☐ -receive and treat ASInitiationStatus with GroupStatus ACSC returned ☐ Check the status of the transaction with the Screen "Status Overview for AS files". The link shows the details of the files. ☐ :
References	UDFS I/2.8.2.1, 2.8.2.6; IV/5.6

Test ID	**IOP-AS-210**
Function	**Real Time Settlement Liquidity Transfer initiated by AS** (P**rocedure** 2 without use of technical account, transactions between RTGS accounts) –Optional mechanism "Scheduled time"and "Scheduled period" used. Positive case (settlement successful during the settlement period defined, enough liquidity at the start of the settlement period).
Test category	COUS; MAND for AS using procedure 2 not using technical account
Apply to	AS using procedure 2 (when relevant for AS business)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) Debit/credit notification for SBs is enabled for some SBs, disabled for others Sufficient funds/overdraft available
Description	AS sends an ASTransferInitiation to debit SB and credit SB using optional mechanism"Scheduled time"and "Scheduled period". ASI to send to SB SWIFT-based participant MT900/910 when opt for them.
Expected results	AS is able to: -Initiate a AStransferInitiation specifying scheduled time and period and liquidity transfer between 2 RTGS accounts participating in the AS -After the start of settlement period, AS able to receive and treat ASInitiationStatus with GroupStatus ACSC generated by ASI to the AS ☐ - Check the new status of the transaction with the screen "Status Overview for AS files" ☐. Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-215**
Function	**Real Time Settlement Liquidity Transfer initiated by AS** (P**rocedure** 2 without use of technical account, transactions between RTGS accounts) –Optional mechanism “Scheduled time”and “Scheduled period” used (when relevant for AS business). Negative case (lack of fund) triggering queuing and rejection at the end of the settlement period.
Test category	COUS; MAND for AS using procedure 2 not using technical account
Apply to	AS using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) Debit/credit notification for SBs is enabled for some SBs, disabled for others No sufficient funds/no overdraft available for a SB participant to the AS
Description	AS sends an ASTransferInitiation to debit SB and credit SB using optional mechanism. Transation failed at the end of the settlement period due to lack of fund.
Expected results	AS is able to: -Generate an ASTransfertInitiation and specify optional mechanism before sending it to ASI ☐ -During settlement period, AS to check the status of the Queued transaction with the screen "Status Overview for AS files"☐. -After the end of settlement period, ASI having sent the ASInitiationStatus, AS able to receive and treat ASInitiationStatus with GroupStatus RJCT returned to AS ☐ - Check the RJCT status of the transaction with the screen "Status Overview for AS files" ☐. Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-220**
Function	**Real Time Settlement Liquidity Transfer initiated by AS** (**Procedure** 2 with use of technical account, multilateral balances) - optional connected mechanisms 'Scheduled Time ' and 'Settlement Period' included when relevant for the AS business. Positive test case where all transactions settle at the start of the settlement period.
Test category	MAND for AS using procedure 2 using technical account Conditional to the AS choice to settle via its technical account
Apply to	AS using procedure 2 via technical account
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and AS technical account Debit/credit notification for SBs is enabled for some SBs, disabled for others Sufficient funds/overdraft available
Description	AS sends an ASTransferInitiation - one account is a Settlement Bank's RTGS account, the other account the AS technical account. 'Scheduled Time' and 'Settlement Period' included.
Expected results	AS is able to: -send a ASTransferInitiation file containing a debit RTGS transaction to credit the technical account to the ASI specifying optional mechanism ☐ -treat ASInitiationStatus with positive notification for the settlement of the debit☐ -send a ASTransferInitiation file containing a technical account credit transactions to the ASI☐ -treat ASInitiationStatus with positive notification for the settlement ☐ -select the screen "Status Overview for AS files" displaying the file processed. The link shows the details of the file ☐. Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-255**
Function	**Real Time Liquidity Transfer initiated by AS** (procedure 2, transaction between RTGS accounts) – Information and Settlement Period is used. Revocation of transactions by CB during settlement period.
Test category	MAND for AS using procedure 2 not using technical account
Apply to	Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	Transaction between RTGS accounts. The AS Sends an ASTransferInitiation message with an unexpected amount, SB to be debited do not have enough liquidity. The transaction gets the queued status. Tag <TmPrd></TmPrd> filled in. CB to revoke XML transaction via ICM. The AS is notified by ASInitiationStatus. A SB queued transactions is revoked. A broadcast is sent to the AS and to the relevant settlement bank informing the revoked payment. For settled transaction, SB's opting to receive MT900/910 will receive it (SWIFT-based participant)
Expected results	The AS is able to: -send a correct ASTransferInitiation to ASI ☐ -to receive and treat the ASInitiationStatus message containing the code status "REVOKED"for the transaction affected☐ -to receive the broadcast sent by ASI informing about the revoked transaction☐ Comment:)
References	UDFS I/2.8.2.2, 2.8.2.6; IV/6.6

Test ID	**IOP-AS-260**
Function	**Real Time Liquidity Transfer AS Technical account to SB account initiated by AS** (procedure 2) – **AS Procedure** 2 with use of technical account, multilateral balances. Settlement Period is used. Revocation of transactions by CB.
Test category	MAND for AS using procedure 2 using technical account
Apply to	Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	Transaction between RTGS account and Technical account . First agent is a RTGS account and Final agent is thetechnical account . AS Sends an ASTransferInitiation message with a unexpected amount, the SB to be debited do not have enough liquidity. Transaction is queued.. Before end the settlement period is reached. CB revokes XML transaction via ICM. SB queued transaction is revoked, a broadcast is sent to the AS and to the relevant settlement bank informing the revoked payment. In all described cases SB's opted to receive MT900/910 will receive it (SWIFT-based participant).
Expected results	The AS is able to: -send a correct ASTransferInitiation to ASI ☐ - to receive and treat the ASInitiationStatus containing the code status "REVOKED"for transaction affected ☐. - After SB queued transaction is revoked, AS receive the broadcast sent to the AS and to the relevant settlement bank informing the revoked payment☐. Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/6.6

Test ID	**IOP-AS-265**
Function	**Real Time Liquidity Transfer SB account to AS Technical account initiated by AS** (procedure 2) – **AS Procedure** 2 with use of technical account, multilateral balances. Settlement Period is used. Revocation of transactions by CB.
Test category	MAND for AS using procedure 2 using technical account
Apply to	Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	Transaction between RTGS account and Technical account. First agent is an RTGS and Final agent is a Technical account. AS Sends an ASTransferInitiation message with a unexpected amount, SB to be debited do not have enough liquidity. Transaction in queue status.. CB revokes XML transaction via ICM during the settlement period. The AS is notified by ASInitiationStatus. SB queued transaction is revoked. A broadcast is sent to the AS and to the relevant settlement bank informing the revoked payment. In all described cases SB's opted to receive MT900/910 will receive it (SWIFT-based participant).
Expected results	The AS is able to: -send a correct ASTransferInitiation to ASI ☐ -to receive and treat the ASInitiationStatus containing the code status “REVOKED“ for transaction affected ☐. Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/6.6

ASI Procedure 2: test cases applicable to SB of AS of procedure 2 (IOP-AS-SB-200 till IOP-AS-SB-250)

Test ID	**IOP-AS-SB-200**
Function	**Real Time Settlement Liquidity Transfer initiated by AS** (P**rocedure** 2 without use of technical account -transactions between RTGS accounts-) – No or optional mechanism used. Positive case.
Test category	MAND for SB participating in procedure 2 not using technical account
Apply to	SB participating in Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	AS sends a correct filled in ASTransferInitiation (XML) with all mandatory fields and no optional fields filled in. Settlement successful. SB' to receive MT900/910 when opt for them (SWIFT-based participant).
Expected results	SB is able to receive MT900 (when debited) / 910 (when credited) when opt for them (SWIFT-based participant) resulting from ASInitiationStatus ☐
References	UDFS I/2.8.2.1, 2.8.2.6; IV/5.6

Test ID	**IOP-AS-SB-210**
Function	**Real Time Settlement Liquidity Transfer from RTGS account to Technical account initiated by AS** (P**rocedure** 2 with use of technical account, multilateral balances) - optional connected mechanisms 'Scheduled Time ' and 'Settlement Period' included when relevant for the AS business. Positive test case.
Test category	MAND for SB participating in procedure 2 using technical account
Apply to	SB participating in Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and AS technical account Debit/credit notification for SBs is enabled for some SBs, disabled for others Sufficient funds/overdraft available
Description	AS sends an ASTransferInitiation to debit the Settlement Bank's RTGS account, and to credit the AS technical account. 'Scheduled Time' and 'Settlement Period' included when relevant. SB to receive MT900 when opt for them (SWIFT-based participant).
Expected results	SB able to receive MT900 when opt for it (SWIFT-based participant) resulting from ASInitiationStatus ☐. Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-220**
Function	**Real Time Settlement Liquidity Transfer from AS Technical account to RTGS account initiated by AS** (P**rocedure** 2 with use of technical account, multilateral balances) - optional connected mechanisms 'Scheduled Time ' and 'Settlement Period' included when relevant for the AS business. Positive test case.
Test category	MAND for SB participating in procedure 2 using technical account
Apply to	SB participating in Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and AS technical account Debit/credit notification for SBs is enabled for some SBs, disabled for others Sufficient funds/overdraft available
Description	AS sends an ASTransferInitiation to debit the AS technical account and to credit the Settlement Bank's RTGS accounts. 'Scheduled Time' and 'Settlement Period' included when relevant. SB to receive MT900 when opt for them (SWIFT-based participant).
Expected results	SB able to receive MT910 when opt for it (SWIFT-based participant) resulting from ASInitiationStatus□.
	Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-230**
Function	**Liquidity Transfer initiated by AS** (procedure 2, transactions between RTGS accounts) – No or optional mechanism used. Revocation of transactions by CB.
Test category	MAND for SB participating in procedure 2 without technical account
Apply to	SB participating in Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	Transaction between RTGS accounts. First agent and Final agent are RTGS accounts. AS Sends an ASTransferInitiation message with an unexpected amount triggering queuing of a transaction. No optional fields filled in. CB revokes the transaction. SB having a transaction revoked receive broadcast).
Expected results	SB experiencing queued payment is able to receive the broadcast sent by the ASI informing about the revoked transaction ☐
	Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/6.6

Test ID	**IOP-AS-SB-240**
Function	**Liquidity Transfer AS Technical account to SB account initiated by AS** (procedure 2) – **AS** P**rocedure** 2 with use of technical account, multilateral balances. Settlement Period is used. Revocation of transactions by CB.
Test category	MAND for SB participating in procedure 2 using technical account
Apply to	SB participating in Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	AS sends an ASTransferInitiation to debit the AS technical account and to credit the Settlement Bank's RTGS accounts. 'Scheduled Time' and 'Settlement Period' included. Insufficient liquidity for a SB. Transaction revoked by the CB before the end of the settlement period. SB to receive the broadcast informing about the revocation.
Expected results	-SB is able to receive the broadcast sent by the ASI informing about the revoked transaction ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/6.6

Test ID	**IOP-AS-SB-250**
Function	**Liquidity Transfer SB account to AS Technical account initiated by AS** (procedure 2) – **AS** P**rocedure** 2 with use of technical account, multilateral balances. Settlement Period is used. Revocation of transactions by CB.
Test category	COUS; MAND for SB participating in procedure 2 using technical account
Apply to	SB participating in Ancillary system using procedure 2
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	Transaction between RTGS account and Technical account. First agent is an RTGS and Final agent is a Technical account. AS Sends an ASTransferInitiation message with a unexpected amount, SB to be debited do not have enough liquidity. Transaction in queue status. Tag <ToTm></ToTm> filled in. CB evokes XML transaction via ICM. The AS is notified by ASInitiationStatus. SB queued transaction is revoked. A broadcast is sent to the AS and to the relevant settlement bank informing the revoked payment. In all described cases SB's opted to receive MT900/910 will receive it (SWIFT-based participant).
Expected results	SB is able to receive the broadcast sent by the ASI informing about the revoked transaction ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/6.6

ASI Procedure 3

Test cases applicable to AS of procedure 3 (IOP-AS-300 till IOP-AS-328)

Procedure 3: overview of test cases

Num test case	Apply to	Scenario description
IOP-AS-300	AS	Successful settlement using RTGS account; no optional mechanism
IOP-AS-310	AS	Successful settlement using RTGS account; optional mechanism used
IOP-AS-315	AS	Unsuccessful settlement from technical account caused by desagreement
IOP-AS-318	AS	Unsuccessful settlement with RTGS accounts; lack of funds
IOP-AS-320	AS	Successful settlement via technical account with optional mechansim
IOP-AS-325	AS	Partial settlement via technical account due to disagreement ; optional mechanism used
IOP-AS-328	AS	Partial settlement via technical account due to lack of funds ; optional mechanism used
IOP-AS-330	AS	Partial settlement with RTGS accounts due to invalid BIC ; optional mechanism used
IOP-AS-340	AS	Partial settlement with technical account due to invalid BIC ; optional mechanism used
IOP-AS-SB-300	SB	Successful settlement using RTGS account or technical account; no optional mechanism
IOP-AS-SB-310	SB	Successful settlement using RTGS account or technical account with optional mechanism
IOP-AS-SB-315	SB	Unsuccessful settlement after disagreement
IOP-AS-SB-318	SB	Unsuccessful settlement due to lack of funds

Test ID	**IOP-AS-300**
Function	**Liquidity Transfer initiated by AS** (procedure 3) – No optional mechanism used. Transactions between RTGS accounts with all transactions settling successfuly.
Test category	COUS Conditional to the AS's choice to settle between RTGS accounts
Apply to	Ancillary system using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) AS opted either -for the global notification option OR -for the individual notifications option
Description	AS sends a correct ASTransferInitiation file containing a batch of transactions. No optional mechanism fields filled in. Sufficient funds/overdraft available Successful settlement.
Expected results	AS is able to send a valid ASTransferInitiation containing a batch of liquidity transfers between RTGS accounts participating in the AS. AS is able to receive and treat the ASInitiationStatus with GroupStatus ACSC returned to AS - Account of SBs credited either for each transaction or for the whole file. <u>When AS has chosen global notification option:</u> AS able to receive and treat the ASInitiationStatus with GroupStatus ACSC returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC returned to AS☐ <u>When AS has chosen individual notification option:</u> AS able to receive and treat the notification per debit or credit transaction received from ASI, with result ACSC. ☐ Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/5.6

Test ID	**IOP-AS-310**
Function	**Bilateral Settlement (batch)** – bilateral balances on RTGS accounts - optional connected mechanisms 'Info Period' and Settlement period used in the ASTransferInitiation sent by the AS and 'Settlement Period' included. No disagreement.
Test category	COUS Conditional to the AS's choice to settle between RTGS accounts
Apply to	AS using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) AS opted either -for the global notification option OR -for the individual notifications option
Description	AS sends an ASTransferInitiation with a file containing all transactions to debit the RTGS SB account and to credit the RTGS SB account with information related to "Information period"and Settlement period ("till"). No « disagreement » of SB Sufficient funds/overdraft available Successful settlement.
Expected results	AS able to send valid ASTransferInitiation including Info period and end of settlement period ☐ <u>When AS has chosen global notification option:</u> AS able to receive and treat the ASInitiationStatus with GroupStatus ACSC returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC returned to AS☐ <u>When AS has chosen individual notification option:</u> AS able to receive and treat the notification per debit or credit transaction received from ASI, with result ACSC. ☐ AS is able to resend exactly the same file ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-315**
Function	**Bilateral Settlement (batch) partly successful settlement** (case of SB disagreement confirmed by CB) – bilateral balances on RTGS accounts - optional connected mechanisms 'Info Period' and 'Settlement Period' included..
Test category	COUS
Apply to	AS using procedure 3 Conditional to the AS's choice to settle between RTGS accounts
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) AS has choice either -the global notification option OR -the individual notifications option
Description	AS sends a valid ASTransferInitiation with a file containing all transactions to debit the RTGS SB account and to credit the RTGS SB account. Sufficient funds/overdraft available Broadcast notification sent to SBs on the start of the info period CB revokes the :"disagreed" individual transaction(s) AS receive ASInitiationStatus with transaction(s) failed Partial settlement takes place.

Expected results

☐

AS able to send ASTransferInitiation including Info period and end of settlement period ☐

AS able to receive and treat the notification including rejection of transactions due to disagrement☐

When AS has chosen global notification option:

AS able to receive and treat the ASInitiationStatus with GroupStatus PART returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC returned to AS and for the disagreed transaction(s) RJCT.☐

When AS has chosen individual notification option:

AS able to receive and treat the different notifications per result sent by ASI, with ACSC when settlement has taken place, RJDA for disagreed transactions. ☐

AS is able to resend exactly the same file ☐
Comment:

References UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-318**
Function	**Bilateral Settlement (batch) partly successful settlement** (case of transactions not settled due to lack of funds) – bilateral balances on RTGS accounts - optional connected mechanisms 'Info Period' and 'Settlement Period' included.
Test category	COUS
Apply to	AS using procedure 3 Conditional to the AS's choice to settle via RTGS accounts
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) AS has choice either -the global notification option OR -the individual notifications option
Description	AS sends a valid ASTransferInitiation with a file containing all transactions to debit the RTGS SB account and to credit the RTGS SB account. Broadcast notification sent to SBs on the start of the info period No disagreement from any SB. Insufficient funds for one or several SB. Part of the expected settlement failed at the end of the settlement period due to lack of funds of one or several transactions

Expected results

AS able to send ASTransferInitiation including Info period and end of settlement period ☐

AS able to receive and treat the notification including rejection of transactions due to lack of funds☐

When AS has chosen global notification option:

AS able to receive and treat the ASInitiationStatus with GroupStatus PART returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC returned to AS and for the rejected transaction(s) RJCT.☐

When AS has chosen individual notification option:

AS able to receive and treat the the notification per result sent by ASI, with ACSC when settlement has taken place, RJDA for rejected transactions ☐

The AS is able to get the information on the settlement failure via ICM. ☐
Comment:

References UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-320**
Function	**Bilateral Settlement (batch) via technical account** – multilateral balances via technical account - optional connected mechanisms 'Info Period' and 'Settlement Period' included (case of no SB disagrement)
Test category	COUS Conditional to the AS's choice to settle via a technical account
Apply to	AS using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and technical account (belonging to CB or AS) AS has choice either -the global notification option OR -the individual notifications option
Description	AS send an ASTransferInitiation file containings all debit transactions of SB RTGS accounts to credit the technical account and all transactions debiting the technical account to credit SB RTGS accounts. . Sufficient funds/overdraft available Broadcast notification sent to SBs on the start of the info period No « disagreement » of SBSuccessful settlement.

Expected results

☐

AS able to send a valid (sum of debits equal the sum of the credit) AsTransferInitiation file containing all the transactions ☐

AS is able to receive ands treat the notification from ASI as follow :

When AS has chosen global notification option:

AS able to receive and treat the ASInitiationStatus with GroupStatus ACSC returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC returned to AS ☐

When AS has chosen individual notification option:

AS able to receive and treat the notifications received from ASI per debit or credit transaction, with result ACSC. ☐

AS is able to resend exactly the same file ☐
Comment:

References UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-325 Bilateral Settlement partly successful settlement (case of disagrement of SB, confirmed by CB)**
Function	**Bilateral Settlement (batch) unsuccessful settlement** – multilateral balances via technical account - optional connected mechanisms 'Info Period' (one or more SB disagree) and 'Settlement Period' included
Test category	COUS - Conditional to the AS's choice to settle via a technical account
Apply to	AS using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and technical account Info period and settlement period used
Description	AS send an ASTransferInitiation with a file containing transactions from RTGS account of SB to the technical account AS send to SSP first individual debit transactions (to be credited on the technical account) and then (after all debits are settled) individual credit transactions (to be debited on the technical account). Sufficient funds/overdraft available One of more SB disagrees on one or more transactions

Expected results	AS able to send ASTransferInitiation specifying Information period and Settlement period, triggering broadcast notification sent to SBs on the start of the info period ☐ AS able to receive and treat theASInitiationStatus with GroupStatusRJDA (rejection of transactions) as follow: When AS has chosen global notification option: AS able to receive and treat the ASInitiationStatus with GroupStatus RJDA returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = RJDA returned to AS ☐ When AS has chosen individual notification option: AS able to receive and treat the notifications received from ASI per debit or credit transaction, with result ACSC. ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-328 Partial unsuccessful settlement (case lack of funds by one or several SB)**
Function	**Bilateral Settlement (batch) unsuccessful settlement** – multilateral balances via technical account - optional connected mechanisms 'Info Period' (one or more SB disagree) and 'Settlement Period' included
Test category	COUS Conditional to the AS's choice to settle via a technical account
Apply to	AS using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and technical account
Description	AS send an ASTransferInitiation with a file containing transactions from RTGS account of SB to the technical account AS send to SSP first individual debit transactions (to be credited on the technical account) and then (after all debits are settled) individual credit transactions (to be debited on the technical account). Lack of funds triggers rejection of one or several payments at the end of the settlement period.
Expected results	AS able to send ASTransferInitiation specifying Information period and Settlement period, triggering broadcast notification sent to SBs on the start of the info period ☐ AS able to receive and treat theASInitiationStatus with GroupStatus RJDA (rejection of transactions) at the end of the settlement period as follow: <u>When AS has chosen global notification option:</u> AS able to receive and treat the ASInitiationStatus with GroupStatus RJDA returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = RJDA returned to AS ☐ <u>When AS has chosen individual notification option:</u> AS able to receive and treat the notifications received from ASI per debit or credit transaction, with result ACSC. ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-330**
Function	**Bilateral Settlement (batch) with RTGS accounts: partly successful settlement** – bilateral balances on RTGS accounts. Transaction failed due to invalid BIC in one or several transactions.
Test category	COUS
Apply to	AS using procedure 3 (settling with RTGS accounts)
Phase of the business day	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) AS has opted for either -the global notification option OR -the individual notifications option
Description	Sufficient funds/overdraft available AS Sends an AsTransferInitiation file containing all transactions to be debited to the RTGS SB account and to be credited to the RTGS SB account, and one of them contains an invalid BIC in <FrstAgt><BIC> field.
Expected results	AS is able to send the ASTransferInitiation debiting and crediting SB RTGS accounts. If AS has opted for global notification option: AS is able to receive and treat the ASInitiationStatus with GroupStatus PART returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC for settled transactions and RJCT, for the invalid one(s). ☐ If AS has opted for individual notification option: AS is able to receive and treat the notification per result sent by ASI, with ACSC when settlement has taken place, RJCT for transactions. All files correctly treated by AS ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6

Test ID	**IOP-AS-340**
Function	**Bilateral Settlement (batch) via technical account: partly successful settlement** – bilateral balances on technical account. Transaction failed due to invalid BIC in one or several transactions.
Test category	COUS - Conditional to the AS's choice to settle via its technical account
Apply to	AS using procedure 3 using technical account
Phase of the business day	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) AS has opted for either -the global notification option OR -the individual notifications option
Description	Sufficient funds/overdraft available AS Sends an AsTransferInitiation file containing all transactions to be debited and to be credited on the technical account, and one of them contains an invalid BIC in <FrstAgt><BIC> field.
Expected results	AS is able to send the ASTransferInitiation debiting SB RTGS accounts to credit the technical account. <u>If AS has opted for global notification option:</u> AS is able to receive and treat the ASInitiationStatus with GroupStatus PART returned to AS and pertaining the entire set of AS transactions with a list of single positions (debits and credits) and their results = ACSC for settled transactions and RJCT, for the invalid one(s).☐ <u>If AS has opted for individual notification option:</u> AS is able to receive and treat the notification per result sent by ASI, with ACSC when settlement has taken place, RJCT for transactions. All files correctly treated by AS ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6

ASI Procedure 3: test cases applicable to SB participating to that AS model (IOP-AS-SB-300 till IOP-AS-SB-318)

Test ID	**IOP-AS-SB-300**
Function	**Liquidity Transfer initiated by AS** (procedure 3) – No optional mechanism used. Transactions either between RTGS accounts, or technical or mirror account with all transactions settling successfuly. SB notified with MT900/910.
Test category	COUS
Apply to	SB of Ancillary system using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s). Notification MT900/910 optionaly requested by SB.
Description	AS sends a correct ASTransferInitiation file containing a batch of transactions. No optional mechanism fields filled in. Settlement occurs immediately.
Expected results	-SB of AS is able to receive and treat the MT900/910 triggered from the ASTransferInitiation sent by the AS (when requested) ☐ -Verify on the ICM screen that the transactions of the SB has been processed ☐ Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/5.6

Test ID	**IOP-AS-SB-310**
Function	**Bilateral Settlement (batch)** – Transactions either between RTGS accounts or technical account; optional connected mechanisms 'Info Period' and Settlement period used in the ASTransferInitiation sent by the AS and 'Settlement Period' included. No disagreement. SB to receive ICM broadcast related to Information period.
Test category	COUS
Apply to	SB of Ancillary system using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) Sufficient funds/overdraft available Notification MT900/910 optionaly requested by SB.
Description	AS sends an ASTransferInitiation with a file containing all transactions to be debited to the RTGS SB account and to be credited to the RTGS SB account with information related to "Information period"and "till"moment. No « disagreement » of SB
Expected results	-SB is able to receive the broadcast related to the Information period☐ -SB of AS is able to receive and treat the MT900/910 triggered from the ASTransferInitiation sent by the AS (when requested) ☐ -Verify on the ICM screen that the transactions of the SB has been processed☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-315**
Function	**Bilateral Settlement (batch)** – Transactions either between RTGS accounts or technical account; optional connected mechanisms 'Info Period' and Settlement period used in the ASTransferInitiation sent by the AS and 'Settlement Period' included. Disagreement from the SB. SB to receive ICM broadcast related to Information period and related to disagrement.
Test category	COUS
Apply to	SB of Ancillary system using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) Sufficient funds/overdraft available Notification MT900/910 optionaly requested by SB.
Description	AS sends an ASTransferInitiation with a file containing all transactions to be debited to the RTGS SB account and to be credited to the RTGS SB account with information related to "Information period"and "till"moment. «Disagreement » of SB Transaction(s) revoked by the CB.
Expected results	-SB is able to receive the broadcast related to the Information period☐ -SB is able to receive the broadcast related to the transaction(s) revoked☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-318**
Function	**Bilateral Settlement (batch) partly successful settlement** (case of transactions not settled due to lack of funds) – Transactions either between RTGS accounts, or technical - optional connected mechanisms 'Info Period' and 'Settlement Period' used.
Test category	COUS
Apply to	SB of Ancillary system using procedure 3
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s) Notification MT900/910 optionaly requested by SB.
Description	ASTransferInitiation launched by AS triggering Insufficient funds for the SB Broadcast notification sent to SBs on the start of the info period No disagreement from any SB. Insufficient funds for SB triggering broadcast for the SB in lack of funds state Part of the expected settlement failed at the end of the settlement period due to lack of funds of one or several transactions
Expected results	-SB is able to receive the broadcast related to the Information period☐ -SB is able to receive the ICM broadcast informing about the lack of funds on one or several transactions☐ Comment
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

ASI Procedure 4

Test cases applicable to AS settling in procedure 4 (IOP-AS-400 till IOP-AS-470)

Procedure 4: overview of test cases

Num test case	Apply to	Scenario description
IOP-AS-400	AS	Successful settlement without optional mechanism-no use of guarantee mechanism
IOP-AS-410	AS	Successful settlement with optional mechanism-no use of guarantee mechanism
IOP-AS-415	AS	Unsuccessful settlement due to SB disagreement
IOP-AS-450	AS	Unsuccessful settlement due to revocation of transaction
IOP-AS-460	AS	Unsuccessful settlement due to lack of funds-no activation of guarantee account
IOP-AS-470	AS	Successful settlement despite due to lack of funds, by activation of guarantee account
IOP-AS-SB-410	SB	Successful settlement with optional mechanism-no use of guarantee mechanism use
IOP-AS-SB-415	SB	Unsuccessful settlement due to disagreement-no use of guarantee account
IOP-AS-SB-460	SB	Unsuccessful settlement due to lack of funds-no guarantee account defined
IOP-AS-SB-470	SB	Successful settlement despite due to lack of funds, by activation of guarantee account

Test ID	**IOP-AS-400 Successful settlement without optional connected mechanism**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model – NO optional connected mechanisms 'Info Period' and 'Settlement Period' used. No use of guarantee account
Test category	COUS
Apply to	AS using procedure 4 (using technical account or not)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used) – guarantee account if defined
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts - ASI will store all transations before executing all debits, and only when all debit transactions are settled, will process the credits. Sufficient funds/overdraft available. Full settlement according to instructions. ASI send the ASInitiationStatus with all transactions mentioned as settled. SBs are notified by MT900/910 when requested.
Expected results	AS is able to send an ASTransferInitiation file containing all transactions ☐ AS is able to receive and treat the ASInitiationStatus with GroupStatus ACSC returned from ASI ☐ Comment:
References	UDFS I/2.8.2.4, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-410 Successful settlement with optional connected mechanism**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' (where SB may disagree) and 'Settlement Period' used.No guarantee account use
Test category	COUS
Apply to	AS using procedure 4 (using technical account or not)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts- ASI will store all transations before executing all debits, and only when all debit transactions are settled, will process the credits.. Sufficient funds/overdraft available. No « disagreement » of SB. Full settlement according to instructions. ASI send the ASInitiationStatus with all transactions mentioned as settled. SBs are notified by MT900/910 when requested.
Expected results	AS is able to send an ASTransferInitiation file containing all transactions ☐ AS is able to receive and treat the ASInitiationStatus with GroupStatus ACSC returned from ASI ☐ AS is able to resend exactly the same file ☐ Comment:
References	UDFS I/2.8.2.4, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-415 Unsuccessful settlement**
Function	**Standard Multilateral settlement (batch) unsuccessful settlement** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used. No use of guarantee account.. SB disagreement.
Test category	COUS
Apply to	AS using procedure 4 (using technical account or not)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts- ASI will store all transations before executing all debits, and only when all debit transactions are settled, will process the credits.. Sufficient funds/overdraft available SB « disagrees » on one or more transactions by contacting its CB. CB revocation message to ICM trigger complete rejection of the file submitted by the AS No debiting or crediting takes place.
Expected results	AS is able to send an ASTransferInitiation file containing all transactions ☐ AS able to receive and treat the message from SB stating disagrement (to complete) AS able to receive and treat the ASInitiationStatus with GroupStatus RJDA returned from ASI stating all transactions failed ☐ Comment:
References	UDFS I/2.8.2.4, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-450**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used and no Guarantee account defined. Revocation of transactions by CB due to error in amount from ASTransferInitiation
Test category	COUS
Apply to	AS using procedure 4 (using technical account or not)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts – An incorrect amount of € 9.999.999.999.9 is included or payment instruction > balance on the account– insufficient funds - ASI will store all transations before executing all debits, and only when all debit transactions are settled, will process the credits. AS request its CB to revoke the file. File revoked while pending during settlement period or while waiting on guarantee account.
Expected results	AS is able to send an ASTransferInitiation file containing all transactions ☐ The AS is able to receive the broadcast sent to him and to all settlement banks informing the revoked payment ☐ The AS is able to receive and treat the ASInitiationStatus with GroupStatus RJCT and reason status RVOK returned to AS (Error code on payment A86) ☐. Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-460**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used. Lack of funds triggering rejection of the complete settlement. No Guarantee account defined or used.
Test category	COUS
Apply to	AS using procedure 4 (using technical account or not)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used) Insufficient funds No « disagreement » of SB
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts – Settlement occurs but one RTGS account cannot be debited due to lack of funds. At the end of the settlement period, the position of the RTGS account does not allow further settlement. The complete file is rejected. SSP recredits automatically the already debited RTGS accounts.
Expected results	AS is able to send an ASTransferInitiation file containing all transactions ☐ AS is able to receive and treat the ASInitiationStatus containing the rejection of all transactions of the file submitted (to complete with code expected).
	Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-470**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used. Lack of funds triggering rejection of the complete settlement. Guarantee account activated that will allow settlement of the complete file of transactions.
Test category	COUS
Apply to	AS using procedure 4 (using technical account or not)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used); guarantee mechanism in place. No « disagreement » of SB
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts –. Settlement starts at the beginning of the settlement period but insufficient funds for one RTGS of SB. At the end of the settlement period ASI sends an ASInitiationStatus informing about the missing liquidity without rejecting the file. Entering collection of liquidity period during which additional Liquidity is provided either from the SB lacking funds or by the AS with a direct debit or mandated payment of the guarantee account (to check). AS accepted the new status to allow the ASI to further settle remaining transaction(s). ASI sends the ASInitiationStatus informing the AS of the complete settlement.

Expected results	AS is able to send an ASTransferInitiation file containing all transactions ☐ AS is able to receive and treat the ASInitiationStatus informing about the missing liquidity without rejecting the file☐. AS is able to use the guarantee mechanism by performing a direct debit of the guarantee account or performing a mandated payment. AS is able to send to ASI a Receipt message to confirm the activation of the guarantee mechanism for further settlement attempt. AS is able to receive and treat the MT900 stating the debit of the guarantee account. AS is able to receive and treat the ASInitiationStatus stating the succesful settlement of all transactions of the file. Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

ASI PROCEDURE 4: test cases applicable to SB participating to that AS model (IOP-AS-SB-410 till IOP-AS-SB-470)

Test ID	**IOP-AS-SB-410 Successful settlement**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' (where SB may disagree) and 'Settlement Period' used.No guarantee account use
Test category	COUS
Apply to	SB of AS using procedure 4
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or between RTGS accounts – ASI will store all transations before executing all debits, and only when all debit transactions are settled, will process the credits. Sufficient funds/overdraft available. No « disagreement » of SB. Full settlement according to instructions. ASI send the ASInitiationStatus with all transactions mentioned as settled. SBs are notified by MT900/910 when requested.
Expected results	SB of AS is able to receive from SSP during the Information period the broadcast informing about the settlement details to take place during the settlement period ☐ SB of AS is able to receive the notification MT900/910 when requested ☐ Comment:
References	UDFS I/2.8.2.4, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-SB-415 Unsuccessful settlement**
Function	**Standard Multilateral settlement (batch) unsuccessful settlement** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used. No use of guarantee account. SB disagreement. Rejection of the complete file.
Test category	COUS
Apply to	SB of AS using procedure 4
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account - ASI will store all transations before executing all debits, and only when all debit transactions are settled, will process the credits. Sufficient funds/overdraft available SB « disagrees » on one or more transactions by contacting its CB. CB revocation message to ICM trigger complete rejection of the file submitted by the AS No debiting or crediting takes place.
Expected results	SB of AS is able to receive the ICM during the Information period broadcast informing about the settlement details to take place during the settlement period☐ SB of AS is able to receive the ICM broadcast informing about the disagrement of a SB ☐ Comment:
References	UDFS I/2.8.2.4, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-SB-460**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used. Lack of funds triggering rejection of the complete settlement. No Guarantee account defined or used.
Test category	COUS
Apply to	SB of AS using procedure 4
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account – Insufficient funds No « disagreement » of SB Settlement occurs but one RTGS account cannot be debited due to lack of funds. At the end of the settlement period, the position of the RTGS account does not allow further settlement. The complete file is rejected. SSP recredits automatically the already debited RTGS accounts.
Expected results	SB of AS is able to receive from SSP during the Information period the broadcast informing about the settlement details to take place during the settlement period☐ SB of AS is able to receive the notification MT900/910 when requested ☐ SB of AS is able to receive the ICM from SSP informing about the queued debit transaction☐ SB of AS is able to receive the ICM from SSP informing about the failed settlement ☐ SB of AS is able to receive and treat the notification MT910 stating the recredit of the debit transactions when requested☐ Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

Test ID	**IOP-AS-SB-470**
Function	**Standard Multilateral settlement (batch)** (debits before credits, use of algorithms 1-3) Interfaced model - optional connected mechanisms 'Info Period' and 'Settlement Period' used. Lack of funds triggering rejection of the complete settlement. Guarantee account activated that will allow settlement of the complete file of transactions.
Test category	COUS
Apply to	SB of AS using procedure 4
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used); guarantee mechanism in place.
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account –. No « disagreement » of SB Settlement starts at the beginning of the settlement period but insufficient funds for one RTGS of SB. At the end of the settlement period ASI sends an ASInitiationStatus informing about the missing liquidity without rejecting the file. Entering collection of liquidity period during which additional Liquidity is provided either from the SB lacking funds or by the AS with a direct debit or mandated payment of the guarantee account (to check). AS accepted the new status to allow the ASI to further settle remaining transaction(s). ASI sends the ASInitiationStatus informing the AS of the complete settlement.
Expected results	SB of AS is able to receive from SSP during the Information period the broadcast informing about the settlement details to take place during the settlement period☐ SB of AS is able to receive the notification MT900/910 when requested ☐ SB of AS is able to receive the ICM from SSP informing about the queued debit transaction☐ SB of AS is able to send a credit transfer (optional)☐ SB of AS is able to receive and treat the notification MT900/910 completing and finalisaing the settlement of the transactions of the initial file☐ Comment:
References	UDFS I/2.8.2.1, 2.8.2.6; IV/6.6 ICM I 5.6; 6.1.4

ASI Procedure 5

Test cases applicable to AS settling in procedure 5 (IOP-AS-500 till IOP-AS-550)

Procedure 5: overview of test cases

Num test case	Apply to	Scenario description
IOP-AS-500	AS	Successful settlement without optional mechanism
IOP-AS-510	AS	Successful settlement with optional mechanism
IOP-AS-520	AS	Unsuccessful settlement, unbalanced transactions
IOP-AS-530	AS	Unsuccessful due to disagreement
IOP-AS-540	AS	Unsuccessful due to lack of funds-no guarantee fund
IOP-AS-550	AS	Successful settlement after removal of payment
IOP-AS-560	AS	Successful settlement after activation of guarantee account
IOP-AS-570	AS	Lack of funds on the guarantee account
IOP-AS-580	AS	Partial successful without activation of the guarantee account till end of the day
IOP-AS-SB-510	SB	Successful settlement with optional mechanism
IOP-AS-SB-530	SB	Unsuccessful settlement due to disagreement
IOP-AS-SB-540	SB	Unsuccessful due to lack of funds-no guarantee fund
IOP-AS-SB-550	SB	Successful settlement after removal of payment

Test ID	**IOP-AS-500 Successful settlement without optional mechanism**
Function	**Simultaneous multilateral settlement** (batch) – No optional connected mechanisms 'Info Period' and 'Settlement Period'.
Test category	COUS
Apply to	AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used). AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	Sufficient funds/overdraft available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts -All transactions of the AS are settled at once ("all or nothing").
Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts☐ AS is able to receive and treat the message ASInitiationStatus with GroupStatus ACSC returned to AS☐ On request, AS is able to resend exactly the same file ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-510 Successful settlement with optional mechanism**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period'.
Test category	COUS
Apply to	AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used) AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	Sufficient funds/overdraft available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all account debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts -All transactions of the AS are settled at once ("all or nothing"). Information period and settlement period parameters used in the message.
Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts specifying Information and settlement period ☐ AS is able to receive and treat the message ASInitiationStatus with GroupStatus ACSC returned to AS☐ On request, AS is able to resend exactly the same file ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-520 Unsuccessful settlement caused by unbalanced submission of transactions**
Function	**Simultaneous multilateral settlement (batch) unsuccessful settlement** - Optional connected mechanisms 'Info Period', 'Settlement Period' used
Test category	COUS
Apply to	AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account
Description	Sufficient funds/overdraft available Info/settlement period used AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other RTGS accounts of SB participant. Toal amount of debit does not match with total amount of credit.
Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ AS is able to receive and treat the message ASInitiationStatus with GroupStatus INVL and StatusReason Invalid ControlSum (A004) ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-530 Unsuccessful settlement caused by disagreement originating from a SB**
Function	**Simultaneous multilateral settlement (batch) unsuccessful settlement** - Optional connected mechanisms 'Info Period' (period when SB may disagree), 'Settlement Period' and 'guarantee account included
Test category	COUS
Apply to	AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	Sufficient funds/overdraft available Info/settlement period used SB « disagrees » on one or more transactions. AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other RTGS accounts of SB participant. Upon the SB disagreement the responsible CB revokes the whole file via ICM before the end of the Info period.
Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ AS able to receive the disagrement message sent by the ASI and the ICM broacast related☐ AS is able to receive and treat the message ASInitiationStatus with GroupStatus RJCT and StatusReason RVOK reporting all transactions failed☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-540 Settlement failure – Optimisation unsuccessful – No guarantee account used**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period'with insufficient liquidity. Optimisation mechanism cannot solve the liquidity shortage. No guarantee fund envisaged.
Test category	COUS
Apply to	AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used) – guarantee account (not used for this test case) AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	Insufficient funds/overdraft not available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other RTGS accounts of SB participant. The transactions cannot settle due to lack of funds and unsuccessful optimisation process performed by the SSP. All transaction failed settlement at the end of the settlement period.
Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ AS is able to receive and treat the message ASInitiationStatus with GroupStatus RJCT and StatusReason RDIB in <BilyAgrd> (Bilateral agreed> ☐ On request, AS is able to resend exactly the same file ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-550 Settlement failure – Optimisation unsuccessful – Identification of payment to retain by algorithm 4. Existence of guarantee account but no activation of it. Settlement successful after removal of blocking transactions.**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period' with insufficient liquidity on one settlement bank account. Optimisation mechanism failure. No guarantee account activation by AS. Reverse of settled transactions by ASI.
Test category	COUS
Apply to	AS using procedure 5 with guarantee account
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used). AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	AS sends an ASTransferInitiation with a file containing all transactions No « disagreement » of SB All accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts Some transactions cannot settle due to lack of funds and unsuccessful optimisation by SSP Algorithm 4 identifies payments to retain and allow settlement of the other transactions AS decides NO use of guarantee account All payments rejected or reversed by ASI

Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ During the Information period, the AS is able to visualize the status « earmarked » of the payments☐ During the Settlement period, the AS is able to visualize the status 'queued of the file of payments☐ After the Settlement period, the AS is able to visualize the status « on guarantee mechanism »of the file of payments☐ The AS is able to receive and treat the ASInitiationStatus notification containing the status « PART» (partial settlement), « ACSC » status of the payments settled and « RJCT »of the rejected transactions☐ Before the cut of time for interbank payment, AS able to send the Receipt_AS (camt.025.001.03/camt.025.001.04) message in order NOT to activate the guarantee mechanism (« NO » in <StsCd> of <ReqHdlg>)☐. AS is able to view at the ICM the Group status « GANR » of the RTGS/AS/Select files reflecting the As decision about the non-activation of the guarantee account☐ AS is able by selecting «Select Payments » of the selected files button dedicated to AS the payments to enquire the payments settled, rejected and reversed☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-560 Settlement failure – Optimisation unsuccessful – Identification of payment to retain by algorithm 4. Existence of guarantee account and activation of it. Settlement successful after activation.**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period' with insufficient liquidity on one settlement bank account. Optimisation mechanism failure. Guarantee account activation by AS.
Test category	COUS
Apply to	AS using procedure 5 with guarantee account
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used). AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	AS sends an ASTransferInitiation with a file containing all transactions No « disagreement » of SB All accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts Some transactions cannot settle due to lack of funds and unsuccessful optimisation by SSP Algorithm 4 identifies payments to retain and allow settlement of the other transactions AS decides to use the guarantee account All payments settle

Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ During the Information period, the AS is able to visualize the status « earmarked » of the payments☐ During the Settlement period, the AS is able to visualize the status 'queued of the file of payments☐ After the Settlement period, the AS is able to visualize the status « on guarantee mechanism »of the file of payments☐ The AS is able to receive and treat the ASInitiationStatus notification containing the status « PART» (partial settlement), « ACSC » status of the payments settled and « RJCT »of the rejected transactions☐ AS able to send the Receipt_AS (camt.025.001.03/camt.025.001.04) message in order to activate the guarantee mechanism (« YES » in <StsCd> of <ReqHdlg>)☐. AS is able to view at the ICM the Group status « ACSC » of the RTGS/AS/Select files reflecting the successful settlement of all payments of the file☐ AS is able by selecting «Select Payments » of the selected files button dedicated to AS the payments to enquire the payments settled, rejected and reversed, including the debit of the guarantee account☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-570 Settlement failure – Optimisation unsuccessful – Identification of payment to retain by algorithm 4. Existence of guarantee account and activation of it. Lack of funds on the guarantee account trigggering complete file rejection.**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period' with insufficient liquidity on one settlement bank account. Optimisation mechanism failure. Guarantee account activation by AS. Lack of funds on the guarantee account
Test category	COUS
Apply to	AS using procedure 5 with guarantee account
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used). AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	AS sends an ASTransferInitiation with a file containing all transactions No « disagreement » of SB All accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts Some transactions cannot settle due to lack of funds and unsuccessful optimisation by SSP Algorithm 4 identifies payments to retain and allow settlement of the other transactions AS decides to use the guarantee account Insufficient funds on the guarantee account triggers rejection of the payments of the file

Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ During the Information period, the AS is able to visualize the status « earmarked » of the payments☐ During the Settlement period, the AS is able to visualize the status 'queued of the file of payments☐ After the Settlement period, the AS is able to visualize the status « on guarantee mechanism »of the file of payments☐ The AS is able to receive and treat the ASInitiationStatus notification containing the status « PART» (partial settlement), « ACSC » status of the payments settled and « RJCT »of the rejected transactions☐ AS able to send the Receipt_AS (camt.025.001.03/camt.025.001.04) message in order to activate the guarantee mechanism (« YES » in <StsCd> of <ReqHdlg>)☐. AS is able to view at the ICM the Group status « GALL » of the RTGS/AS/Select files reflecting the lack of funds on the guarantee account☐ AS is able by selecting «Select Payments » of the selected files button dedicated to AS the file rejected ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-580 Settlement failure – Optimisation unsuccessful – Identification of payment to retain by algorithm 4. Existence of guarantee account but no activation of it till the end of the day. All payments of the file rejected at the end of the day.**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period' with insufficient liquidity on one settlement bank account. Optimisation mechanism failure. No guarantee account activation by AS. Reverse of settled transactions by ASI.
Test category	COUS
Apply to	AS using procedure 5 with guarantee account
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used). AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	AS sends an ASTransferInitiation with a file containing all transactions No « disagreement » of SB All accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts Some transactions cannot settle due to lack of funds and unsuccessful optimisation by SSP Algorithm 4 identifies payments to retain and allow settlement of the other transactions No further action from AS (no camt.025.001.03/camt.025.001.04 sent to activate the guarantee account) All payments rejected or reversed by ASI

Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ During the Information period, the AS is able to visualize the status « earmarked » of the payments☐ During the Settlement period, the AS is able to visualize the status 'queued of the file of payments☐ After the Settlement period, the AS is able to visualize the status « on guarantee mechanism »of the file of payments☐ The AS is able to receive and treat the ASInitiationStatus notification containing the status « PART» (partial settlement), « ACSC » status of the payments settled and « RJCT »of the rejected transactions☐ AS does not take further action till the cut of time interbank payments☐ AS is able by selecting «Select Payments » of the selected files button dedicated to AS the payments to enquire the payments rejected and reversed☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6

Test ID	**IOP-AS-590 Successful Settlement after lack of liquidity from a participant – Use of guarantee mechanism and successful collection of liquidity by AS on Guarantee account.**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period' with insufficient liquidity. Optimisation mechanism failure. Guarantee account activated by AS.
Test category	COUS
Apply to	AS using procedure 5 with guarantee account
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used) AsTransferInitiation sent by AS balanced (sum Debits=sumCredits)
Description	Insufficient funds/overdraft not available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all accounts to debit are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts – In a first stage the transactions cannot settle due to lack of funds and unsuccessful optimisation by the SSP. Guarantee account activated and collection of missing funds successfuly achieved. Afterwards all transactions settle successfuly.
Expected results	AS able to send an ASTransferInitiation file containing all transactions – all accounts are RTGS accounts of settlement banks, against AS Technical account or other SB RTGS accounts specifying Information and settlement period☐ AS is able to receive and treat the message ASInitiationStatus with info on missing liquidity☐ AS able to collect missing liquidity by direct debit of mandated payment☐ AS able to send to ASI a Receipt message (camt.025.001.03/025.001.04) to proceed with a new settlement phase taking ito account funds of the guarantee account☐. AS able to receive a MT900 reflecting the debit of the guarantee account, alternatively is able to visualize the information on the ICM☐ As is able to receive and treat theASInitiationStatus reflecting successful settlement of all transactions ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

ASI PROCEDURE 5: test cases applicable to SB participating to that AS model (IOP-AS-SB-510 till IOP-AS-SB-550)

Test ID	**IOP-AS-SB-510**
Function	**Simultaneous multilateral settlement** (batch) –use of optional mechanisms 'Info Period' and 'Settlement Period. No disagreement from any SB.
Test category	COUS
Apply to	SBs participating in AS procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used) – guarantee account (no use for this test case)
Description	Sufficient funds/overdraft available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all accounts to debit are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts -All transactions of the AS are settled at once ("all or nothing"). ICM broadcast sent to SBs announcing the window settlement and transaction SB debited or credited confirmed by the SSP sending MT900/910 when requested by SB
Expected results	SB of AS able to receive during the Information period the ICM announcing the Settlement window☐. SB of AS able to receive the MT900/910 when requested☐. On request, AS is able to resend exactly the same file ☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-530**
Function	**Simultaneous multilateral settlement** (batch) –use of optional mechanisms 'Info Period' and 'Settlement Period. Disagreement from SB.
Test category	COUS
Apply to	SBs participating in AS procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account. Upon the SB disagreement the responsible CB revokes the whole file via ICM before the end of the Info period.
Expected results	SB of AS able to receive during the Information period the ICM announcing the Settlement window☐ SB able to send a disagreement message to its Central Bank☐ SB of AS able to receive the broadcast reporting failure of settlement☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-540 Settlement failure – Optimisation unsuccessful – No guarantee account used**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period'with insufficient liquidity. Optimisation mechanism failure. No guarantee fund envisaged.
Test category	COUS
Apply to	SB of AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	Insufficient funds/overdraft not available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts -All transactions cannot settle due to lack of funds and unsuccessful optimisation by the SSP. All transaction failed settlement at the end of the settlement period.
Expected results	SB of AS able to receive during the Information period the ICM announcing the Settlement window☐ SB is able to received the ICM broadcast notifying the information on queued transaction ☐ SB of AS able to receive the broadcast reporting failure of settlement☐ Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-SB-550 Settlement failure – Optimisation unsuccessful – Retaining of payment of SB participant in debit to allow settlement**
Function	**Simultaneous multilateral settlement** (batch) – with optional connected mechanisms 'Info Period' and 'Settlement Period'with insufficient liquidity. Optimisation mechanism failure. Guarantee fund activated by AS.
Test category	COUS
Apply to	SB of AS using procedure 5
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s) and dedicated AS technical account (when used)
Description	Insufficient funds/overdraft not available No « disagreement » of SB AS sends an ASTransferInitiation with a file containing all transactions – all accounts debited are RTGS accounts of settlement banks, to credit the AS Technical account or other SB RTGS accounts -The transactions cannot settle due to lack of funds and unsuccessful optimisation by the ASI. Algorithm 4 identified payments to retain to allow settlement. All transaction except the retained ones settling successfuly.
Expected results	SB of AS able to receive during the Information period the ICM announcing the Settlement window☐ SB able to receive and treat the ICM broadcast notifying the queued transaction☐ SB able to receive the MT900 and 910 generated by SSP/ASI on settled transactions (according to procedure 4 settlement) Comment:
References	UDFS I/2.8.2.2, 2.8.2.6; IV/5.6 ICM I 5.6

Test ID	**IOP-AS-596**
Function	**Simultaneous multilateral settlement is not settled after the run of optimisation (Algorithm 4) -** SettlementPeriod is used and Guarantee account mechanism connected but not used. Revocation of PartiallyAccepted file by responsible CB.
Test category	COUS
Apply to	AS using procedure 5 - SB participating in AS procedure 5.
Business day phase	Day trade
Pre-conditions	Correct set-up of static data for AS, Settlement Bank(s), dedicated AS technical account and Guarantee account mechanism. No sufficient funds/overdraft available for one or more transactions.
Description	AS sends a file (ASTransferInitiation) with all multilateral balances to be debited and credited on the SB accounts: SettlementModelType = 5000. SettlementPeriod used: • Correct ToTime or Duration specified. Debits and credits are jointly sent to waiting queue and optimisation process (algorithm 4) starts but the transactions are not settled. Guarantee account mechanism is connected - at the end of SettlementPeriod ASI changes settlement procedure to standard multilateral (Model 4000) and re-enters the transactions. Not enough liquidity on RTGS account of the SB(s) - at least one debit is rejected (settlement is not successful or only partially successful). CB of the AS revokes the PartiallyAccepted file via ICM.
Expected results	☐ Settlement is not successful after the run of optimisation (Algorithm 4). ☐ File is Queued - all SBs are informed on queuing by broadcast via ICM. ☐ ASI re-enters transactions in Model 4000 - at least one debit is not settled. ☐ ICM: Select Pyment: credit transaction(s) in status 'Earmarked'. ☐ ICM: Select Files: File status changed to 'On Guarantee mechanism'. ☐ AS receives an ASInitiationStatus with GroupStatus PART. ☐ Responsible CB revokes the file - the refund of settled debit transaction(s) is issued and the credit transaction(s) is/are rejected. ☐ AS receives an ASInitiationStatus with GroupStatus RJCT and StatusReason RVOK. ☐ Broadcast is sent to all SBs and AS containing the reference of rejected file and StatusReason RVOK. ☐ ICM: Status Overview for AS files: shows the file is rejected. ☐ ICM: Select Files: File Status - Accounting Processed. ☐ ICM: Select Pyment: all credit transactions - 'Revoked', Error - A86; for all settled debit transactions - opposite transactions settled; other debit transactions - 'Rejected', Error - 610. Comment:

References	I/2.8.2.5, 2.8.2.6; IV/6.6	ICM I/5.6, 6.1

ASI PROCEDURE 6 Real-time

Test cases applicable to AS settling in procedure 6 Real-time:
IOP-AS-RT-600 till IOP-AS-RT-630 for AS and
IOP-AS-CROSS-600 till IOP-AS-CROSS-690 for AS, and
IOP-AS-SB-RT-600 till IOP-AS-SB-RT-690 for SB of AS

Procedure 6RT: overview of test cases

Num test case	Apply to	Scenario description
IOP-AS-6RT-600	AS	Successful settlement from the start of night-time settlement till the end of the daylight settlement
IOP-AS-6RT-610	AS	Current order A2A on behalf of SB successful
IOP-AS-6RT-630	AS	Current order A2A on behalf of SB settling partially due to lack of funds
IOP-AS-6RT-640	AS	Incoming funds on technical account following successful settlement of current order from SB
IOP-AS-6RT-641	AS	Incoming funds on technical account following successful settlement of standing order from SB
IOP-AS-6RT-642	AS	Incoming funds on technical account following successful settlement of MT202 from SB
IOP-AS-CROSS-600	AS	Cross-AS settlement: Sending of Cross-AS settlement from procedure 6 AS real-time to AS real-time
IOP-AS-CROSS-610	AS	Cross-AS settlement: Sending of Cross-AS settlement from procedure 6 AS real-time to AS Interfaced
IOP-AS-CROSS-620	AS	Cross-AS settlement: Reception by AS of Cross-AS settlement from procedure 6 real-time AS to real-time
IOP-AS-CROSS-630	AS	Cross-AS settlement: Reception by AS of Cross-AS settlement from procedure 6 Interfaced AS to real-time
IOP-AS-6RT-650	AS	End of day notification to ASI6 RT
IOP-AS-6RT-660	AS	Delay End of day notification
IOP-AS-SB-6RT-600	SB	Current order A2A on behalf of SB successful
IOP-AS-SB-6RT-610	SB	Current order A2A from SB successful
IOP-AS-SB-6RT-620	SB	Current order A2A from SB unsuccessful due to lack of funds
IOP-AS-SB-6RT-630	SB	Current order MT202 from SB successful
IOP-AS-SB-6RT-650	SB	Current order MT202 from SB unsuccessful due to lack of funds
IOP-AS-SB-6RT-660	SB	Current order U2A from SB successful
IOP-AS-SB-6RT-670	SB	Standing order setup in U2A
IOP-AS-SB-6RT-680	SB	Standing order setup in A2A
IOP-AS-SB-6RT-690	SB	GetStandingOrder

Test ID	**IOP-AS-6RT-600**
Function	**Management Procedure 6 real-time Settlement by the Ancillary System – from the start of the night-time period till the end of the daylight business: Reception of RGBI, current order by AS on behalf of a SB to credit/debit the Technical account**
Test category	COUS
Apply to	AS using procedure 6 for real-time settlement
Business day phase	From night-time till day-light
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing – ***Standing orders:*** defined if used
Description	***Test case covering the management of ASI procedure 6 real-time from the start of the procedure till the end of the procedure.***
Expected results	***Start of Procedure:*** AS receives the RGBI message, funding technical account notification from standing orders received and treated by AS ☐ ***Additional funding during night-time and daylight:*** When real-time settlement, MT202 payments to credit the technical accounts are immediately executed, AS able to receive and treat the notification "ASTransferNotice" sent by the ASI ☐ Current orders to credit technical accounts are immediately executed or (in case of insufficient liquidity rejected), AS able to receive and treat the corresponding notification "ASTransferNotice" containing (from release 13.0) the XML TAG "ResultingBalance"with 3 attributes (Amount, CreditDebitIndicator, valued-date and time) sent by ASI ☐ ***Defunding (funding) during night-time and daylight:*** AS send a defunding (funding) instruction debiting (crediting) the technical account to credit (debit) the RTGS account of the SB of AS, with ASTransferInitiation ☐ AS able to receive and treat the corresponding notification ASInitiationStatus with tag "TxSts" equal to "ACSC" for the transaction ☐ ***End of Procedure :*** End of procedure (RGBI message) received and treated by the AS ☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-6RT-610**
Function	**Procedure 6 real-time Settlement – AS sends an ASTI message to ASI module:** A2A Current order by AS on behalf of a SB to credit or debit the Technical Account
Test category	COUS
Apply to	**AS using procedure 6 real-time settlement**
Business day phase	From night-time till day-light excluding maintenance window
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing –
Description	***AS send an ASTransferInitiation as Current order on behalf of its Settlement Bank during daylight or night-time phases***
Expected results	***Funding (defunding) during night-time or daylight:*** AS able to create a Current order to credit (debit) technical account using the XML message *ASTransferInitiation* ☐ AS able to receive and treat the corresponding notification "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for the transaction sent by ASI ☐
References	UDFS I/2.8.3; IV/6.6 ICM book I,

Test ID	**IOP-AS-6RT-630**
Function	**Procedure 6 real-time Settlement – AS sends an ASTI message to ASI module message (negative case due to insufficient funds on SB' RTGS account):** Current order A2A by AS on behalf of a SB to credit the Technical Account partially settled.
Test category	COUS
Apply to	**AS using procedure 6 real-time settlement**
Business day phase	From night-time till day-light excluding maintenance window
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account – no sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing –
Description	***AS send an ASTransferInitiation as Current order on behalf of its Settlement Bank during daylight or night-time phases. It settles partially according to available funds by ASI.***
Expected results	***Partial settlement:*** AS able to receive and treat the notification in the "ASInitiationStatus" xml message containing "PART" in <GrpSts> tag with the settled amount available ☐ AS is able to see at ICM (U2A) the partial settlement ☐
References	UDFS I/2.8.3; IV/6.6 ICM book I,

Test ID	**IOP-AS-6RT-640**
Function	**Incoming funds on technical account following successful current order initiated by SB**
Test category	COUS
Apply to	AS using procedure 6 for real-time settlement
Business day phase	From night-time till day-light
Pre-conditions	***Successful* current order initiated by SB settling in the procedure for the AS**
Description	***Incoming funds resulting with a ASTransferNotice.***
Expected results	AS able to receive and treat the corresponding notification "ASTransferNotice" including (from release 13.0) the XML TAG "ResultingBalance"with 3 attributes (Amount, CreditDebitIndicator, valued-date and time) sent by ASI
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-6RT-641**
Function	**Incoming funds on technical account following successful standing order initiated by SB**
Test category	COUS
Apply to	AS using procedure 6 for real-time settlement
Business day phase	From night-time till day-light
Pre-conditions	***Successful* standing order initiated by SB settling in the procedure for the AS**
Description	***Incoming funds resulting with a ASTransferNotice.***
Expected results	AS able to receive and treat the corresponding notification "ASTransferNotice" including (from release 13.0) the XML TAG "ResultingBalance"with 3 attributes (Amount, CreditDebitIndicator, valued-date and time) sent by ASI
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-6RT-642**
Function	**Incoming funds on technical account following successful MT202 initiated by SB**
Test category	COUS
Apply to	AS using procedure 6 for real-time settlement
Business day phase	From night-time till day-light
Pre-conditions	***Successful* MT202 initiated by SB settling in the procedure for the AS**
Description	***Incoming funds resulting with a ASTransferNotice.***
Expected results	AS able to receive and treat the corresponding notification "ASTransferNotice" including (from release 13.0) the XML TAG "ResultingBalance"with 3 attributes (Amount, CreditDebitIndicator, valued-date and time) sent by ASI
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-CROSS-600**
Function	**Cross-AS settlement: Sending of Cross-AS settlement from procedure 6 real-time AS1 to real-time AS2: AS1 sends a single Cross-AS payment with ASTransferInitiation file.**
Test category	COUS
Apply to	AS1 using procedure 6 real-time settlement and linked for settlement to real-time proc 6 AS2
Business day phase	Night-time or day-light
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross AS settlement in place. ***SSP:*** Start of procedure initiated successfully ***AS1 and AS2 :*** Successful start of procedure procedure 6 real-time settlement
Description	***Settlement:*** AS1 sends a correct message "ASTransferInitiation" to ASI with a file containing a payment to transfer liquidity from the technical account of AS1 on behalf of its SB to the technical account of AS2 (Debtor and creditor are mandatory).
Expected results	***Settlement:*** The sending AS send a correct liquidity transfer with ASTransferInitiation file from the technical account of AS1 to the technical account of the AS2 ☐ AS1 able to receive the notification via message "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for the transaction ☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-CROSS-610**
Function	**Cross-AS settlement: Sending of Cross-AS settlement from procedure 6 real-time AS1 to Interfaced AS2 – night-time or daylight business:** AS1 sends a single Cross-AS payment with AS transfer initiation file.
Test category	COUS
Apply to	AS1 using procedure 6 real-time settlement and emission of Cross-AS settlement to Interfaced AS2 mod 6
Business day phase	Night-time or day-light)
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub-accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross DVP settlement in place. ***SSP:*** Start of procedure initiated successfuly ***AS1:*** Successful start of procedure procedure 6 real-time settlement ***AS2***: Successful start of procedure
Description	***Settlement:*** AS1 sends a correct message "ASTransferInitiation" to ASI with a file containing a single payment to transfer liquidity from the technical account of AS1 on behalf of SB a to a sub-account of the settlement bank (SB B) of AS2 transactions.
Expected results	***Settlement:*** The sending AS send a correct liquidity transfer with ASTransferInitiation file from the technical account of AS1 to SB B's sub account with AS2 ☐ AS1 able to receive the notification via message "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for the transaction ☐ AS1 is able to resend exactly the same file ☐ Comment*:*
References	UDFS I/2.8.3; IV/5.6 ICM book I, par. 3.3.3 and 5.4.2

Test ID	**IOP-AS-CROSS-620**
Function	**Cross-AS settlement: Reception by AS1 of Cross-AS settlement from procedure 6 real-time AS2 to real-time AS1.**
Test category	COUS
Apply to	AS1 using procedure 6 real-time settlement and linked to AS2 for settlement proc 6 real-time
Business day phase	Night-time or day-light
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross AS settlement in place. ***SSP:*** Start of procedure initiated successfully ***AS1 and AS2 :*** Successful start of procedure procedure 6 real-time settlement
Description	***Settlement:*** AS1 receives a correct message "ASTransferNotice" from ASI with a file containing a payment to transfer liquidity from the technical account of AS2 on behalf of AS2' SB. AS2 is notified on the increase of liquidity and balance on the technical account with an ASInitiationStatus. (Debtor and creditor are mandatory)
Expected results	***Settlement:*** The liquidity is transferred from the technical account of AS2 to AS1' technical account ☐ AS1 is able to receive and treat the ASTransferNotice notification☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-CROSS-630**
Function	**Cross-AS settlement: Reception by AS1 of Cross-AS settlement from procedure 6 interfaced AS2 to real-time AS1.**
Test category	COUS
Apply to	AS1 using procedure 6 real-time settlement and linked to AS2 for settlement proc 6 real-time
Business day phase	Night-time or day-light
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross AS settlement in place. ***SSP:*** Start of procedure initiated successfully ***AS1:*** Successful start of procedure procedure 6 real-time settlement
Description	***Settlement:*** AS1 receives a correct message "ASTransferNotice" from ASI with a file containing a payment to transfer liquidity from the technical account of AS2 on behalf of AS2' SB. AS2 is notified on the increase of liquidity and balance on the technical account with an ASInitiationStatus. (Debtor and creditor are mandatory)
Expected results	***Settlement:*** AS1 is able to receive and treat the ASTransferNotice notification☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	IOP-AS-6RT-650
Function	**End of day notification to AS6 RT.**
Test category	MAN
Apply to	AS using procedure 6 real-time
Business day phase	End of night-time settlement (18:00)
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical accounts ***SSP:*** All AS transactions ASi6RT settled or rejected; Start of end of day (18:00) processing successfully; ASI sends an A2A RGBI (ReturnGeneralBusinessInformation) message "End of night-time procedure" to all AS settling in ASI procedure 6RT, when the night-time settlement procedure are closed by the ASI
Description	End of day notification received by AS
Expected results	AS is able to receive and treat the RGBI message, reflected in their system ☐ AS is able to see the RGBI message at ICM by selecting Select Message-Display message☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	IOP-AS-6RT-660
Function	**Delay End of day ASI6 RT**
Test category	MAN
Apply to	AS using procedure 6 real-time
Business day phase	End of night-time settlement (18:00)
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical accounts ***SSP:*** All AS transactions ASi6RT settled or rejected; Start of end of day (18:00) processing delayed (by 15 minutes); ASI sends an A2A RGBI (ReturnGeneralBusinessInformation) message "End of night-time procedure" to all AS settling in ASI procedure 6RT, when the night-time settlement procedure are closed by the ASI with a delay (15 minutes)
Description	End of day notification received by AS with delay (15 minutes)
Expected results	AS is able to continue receiving ASTransferNotice notifying further settlement after 18:00 (optional) AS is able to receive and treat the delayed RGBI message, reflected in their system ☐ AS is able to see the RGBI message at ICM by selecting Select Message-Display message ☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-SB-6RT-600**
Function	**Procedure 6 real-time Settlement – SB ask to AS to send an ASTI message:** Current order by AS on behalf of a SB to increase or decrease the Technical Account
Test category	COUS
Apply to	**SB of AS using procedure 6 real-time settlement**
Business day phase	From night-time till day-light excluding maintenance window
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing
Description	***AS send an ASTransferInitiation as Current order on behalf of its Settlement Bank during daylight or night-time phases after SB request .***
Expected results	***Funding (defunding) during night-time or daylight:*** SB able to request to AS to send on behalf a current order ☐ After AS has sent the ASTI , SB able to receive and treat the corresponding notifications MT900-910 sent by ASI (optional)☐
References	UDFS I/2.8.3; IV/6.6 ICM book I,

Test ID	**IOP-AS-SB-6RT-610**
Function	**Procedure 6 real-time Settlement – Current Order A2A by SB**
Test category	COUS
Apply to	SB of AS using procedure 6 for real-time settlement
Business day phase	From night-time till day-light with the exclusion of other phases
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing
Description	***Settlement Bank sends a SBTransferInitiation as Current order to credit the technical account.***
Expected results	***Funding technical account:*** SB send a Current order with XML message "SBTransferInitiation" to fund the technical account of the AS proc 6 real-time ☐ SB able to receive and treat the notification MT900 sent by PM (optional) ☐
References	UDFS I/2.8.3; IV/6.6 ICM book I

Test ID	**IOP-AS-SB-6RT-620**
Function	**Procedure 6 real-time Settlement – Current Order A2A by SB (negative case due to insufficient funds):** Current order to credit the Technical Account rejected by SSP.
Test category	COUS
Apply to	**SB of AS using procedure 6 real-time settlement**
Business day phase	From night-time till day-light excluding maintenance window
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - insufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing –
Description	***SB send a SBTransferInitiation as Current order. It is rejected by ASI due to insufficient funds.***
Expected results	***Current order rejected by ASI:*** SB able to receive and treat the negative notification☐
References	UDFS I/2.8.3; IV/6.6 ICM book I,

Test ID	**IOP-AS-SB-6RT-630**
Function	**Procedure 6 real-time Settlement – Current Order MT 202 by SB**
Test category	COUS
Apply to	SB of AS using procedure 6 for real-time settlement
Business day phase	Only during the day-light with the exclusion of other phases
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others
	Start of Procedure: ASI starts the procedure at the start of the NTS opens for night-time processing
Description	***Settlement Bank sends a MT202 as Current order to credit the technical account.***
Expected results	***Funding during night-time and daylight:***
	SB sends to technical account of the ASI module a highly Urgent MT202 to fund the technical account of the AS proc 6 real-time ☐
	SB is able to receive the optional MT900 (optional) ☐
References	UDFS I/2.8.3; ICM book I

Test ID	**IOP-AS-SB-6RT-650**
Function	**Procedure 6 real-time Settlement – Current Order MT 202 by SB rejected - (negative case due to insufficient funds)**
Test category	COUS
Apply to	SB of AS using procedure 6 for real-time settlement
Business day phase	Only during the day-light with the exclusion of other phases
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - funds/overdraft available on relevant accounts but insufficient to settle or no fund/overdraft funds at all - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***Start of Procedure:*** ASI starts the procedure at the start of the NTS opens for night-time processing
Description	***Settlement Bank sends a MT202 as Current order to credit the technical account. It is rejected due to insufficient funds on SB' RTGS account.***
Expected results	***Funding during daylight is rejected:*** SB sends to technical account of the ASI module a highly Urgent MT202 to fund the technical account of the AS proc 6 real-time. ☐ SB is able to receive and treat the optional MT900 ☐
References	UDFS I/2.8.3; ICM book I

Test ID	**IOP-AS-SB-6RT-660**
Function	**Procedure 6 real-time Settlement – Current Order U2A by SB (via ICM)**
Test category	COUS
Apply to	SB of AS using procedure 6 for real-time settlement
Business day phase	From night-time till day-light with the exclusion of other phases
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others
	Start of Procedure: ASI starts the procedure at the beginning of the NTS opens for night-time processing
Description	***Settlement Bank send a Current order on ICM during daylight or night-time phases.***
Expected results	***Funding during night-time and daylight:***
	SB sends a Current order on ICM to fund the technical account of the AS proc 6 real-time ☐
	SB is able to identify the related payment at the ICM☐
	SB able to receive and treat the corresponding notification MT900 sent by PM (optional)☐
References	UDFS I/2.8.3; ICM book I, par.

Test ID	**IOP-AS-SB-6RT-670**
Function	**Procedure 6 real-time Settlement: Management of Standing order to technical account by Settlement Bank in U2A (via ICM)**
Test category	COUS
Apply to	SB of AS using procedure 6 for real-time settlement
Business day phase	Any phase (A2A) or any phase not maintenance period (U2A). Must be type before Cut-off for a settlement at the start of the next business day
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account
Description	***Definition, modification and deletion of Standing order on ICM in U2A (via ICM)***
Expected results	*SB of AS able to:* *- **define** on ICM U2A a new standing order to fund the technical account from its RTGS --account, for settlement at the start of day of the NTS* ☐ ***-modify** a pre-existing SO* ***-delete** a pre-existing SO*
References	UDFS I/2.8.3; ICM book I, par.

Test ID	**IOP-AS-SB-6RT-680**
Function	**Procedure 6 real-time Settlement: Management of Standing order to technical account by Settlement Bank in A2A (via XML messages)**
Test category	COUS
Apply to	SB of AS using procedure 6 for real-time settlement
Business day phase	Any phase (A2A) or any phase not maintenance period (U2A). Must be type before Cut-off for a settlement at the start of the next business day.
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and technical account
Description	***Definition, modification and deletion of Standing order to Technical Account in A2A via XML messages***
Expected results	*SB of AS able to:* • ***define*** *via XML messages A2A (ModifyStandingOrder) a new standing order to fund the technical account from its RTGS account, for settlement at the start of day of the NTS* ☐ • ***modify*** *a pre-existing SO* • ***delete*** *a pre-existing SO (ModifyStandingOrder to 0)*
References	UDFS I/2.8.3; IV/6.5 ICM book I

Test ID	**IOP-AS-SB-6RT-690 (from release 12.0 of November 2018, CAMT2012 & 2017)**
Function	Get a Standing Order Liquidity transfer to AS technical account via A2A by Settlement Bank involved in AS SP6 real-time model
Test category	COUS
Apply to	SB (DP involved in AS using SP6- real-time) (includes execution of payments on behalf of an indirect participant) GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC profile: APPLICATE (A2A only) • Correct set-up of static data for AS, Settlement Bank(s) and technical account • *Optional*: MT900/910 enabled
Description	User acting as SB or GoA Mngr acting on its behalf request to get a defined standing order liquidity transfer via A2A (GetStandingOrderTechnical) from RTGS account to the AS technical account
Expected results	• ReturnStandingOrderTechnical correctly treated ☐ Comment:
References	UDFS I/2.8.3, 9.2.4.1.4.1 and IV/6.5.19 ICM-UHB I/6.1.2.1.2 XML: GetStandingOrderTechnical <camt.050.001.04>/<camt.050.001.03> or <PrtryMsg> and Receipt <camt.025.001.04>/<camt.025.001.03>

ASI PROCEDURE 6 Interfaced

Test cases applicable to AS settling in procedure 6 Interfaced:
IOP-AS-INTF-050 till IOP-AS-INTF-080
IOP-AS-INFT-610 till IOP-AS-RT-620 and
IOP-AS-INTF-642 till IOP-AS-INTF-646
IOP-AS-INTF-CROSS-600 till IOP-AS-INTF-CROSS-620

Procedure 6 Interfaced: overview of test cases

Num test case	Apply to	Scenario description
IOP-AS-INTF-050	AS	Incoming AS CAMT2012/2017 ReturnAccount to AS to notify the transfers of liquidity and the funds booked on the sub-accounts
IOP-AS-INTF-060	AS	Incoming AS CAMT2012/2017 ReturnGeneralBusinessInformation_AS to AS to Start/close a procedure/cycle for a model6 interface.
IOP-AS-INTF-070	AS	Incoming AS CAMT2012 ReturnGeneralBusinessInformation_ASI to AS notifying the opening of NTS
IOP-AS-INTF-080	AS	Incoming AS CAMT2012 ReturnGeneralBusinessInformation_ASI to AS notifying the release of liquidity after the end of cycle
IOP-AS-INTF-610	AS	AS opens the settlement procedure and settlement cycle, sends a transaction file and closes the cycle and the procedure
IOP-AS-INTF-620	AS	AS sends settlement cycle, sends a transaction file and closes the cycle and the procedure
IOP-AS-INTF-642	AS	Settlement with dedicated liquidity - procedure 6 interfaced
IOP-AS-INTF-646	AS	Settlement with dedicated liquidity - procedure 6 interfaced model – night-time business between 6.45 and 7.00 am
IOP-AS-INTF-CROSS-600	AS	Cross-AS settlement: Reception of Cross-AS settlement from procedure 6 real-time to Interfaced
IOP-AS-INTF-CROSS-610	AS	Cross-AS settlement: Sending of Cross-AS settlement from procedure 6 Interfaced to real-time
IOP-AS-INTF-CROSS-620	AS	Cross-AS settlement: Reception of Cross-AS settlement from procedure 6 Interfaced to Interfaced

Test ID	**IOP-ASI-INTF-050**
Function	Incoming AS CAMT2012/2017 ReturnAccount to AS to notify the transfers of liquidity and the funds booked on the sub-accounts.
Test category	COUS
Apply to	AS running procedure 6 interfaced
Business day phase	Day trade/NTS
Pre-conditions	Opening of Procedure model6 interface-CUO'S are executed-Star of cycle and funds in subaccounts are blocked-sending of 'SET' Transferinitiation-Closing of cycle-closing of procedure and back transfer of remaining liquidity.
Description	ASI sends in push mode a CAMT2012 ReturnAccount to the AS in model 6 to notify the transfers of liquidity from subaacounts to RTGS when the procedure is closed, and the funds booked on the sub-accounts when a cycle is open.
Expected results	CAMT2012 ReturnAccounts are received by the AS.
References	UDFS IV ; 6.6

Test ID	**IOP-ASI-INTF-060**
Function	Incoming AS CAMT2012/2017 ReturnGeneralBusinessInformation_AS to AS to Start/close a procedure/cycle for a model6 interface.
Test category	COUS
Apply to	AS running procedure 6 interfaced
Business day phase	Day trade or NTS
Pre-conditions	An AS with model6 interface, daylight/NTS
Description	An AS sends a CAMT2012/2017 ReturnGeneralBusinessInformation_AS (camt.021.001.05/camt.021.001.03) to Start/close a procedure/cycle for a model6 interface.
Expected results	Procedure/cycle is open/closed. To check out in ICM.
References	UDFS IV ; 6.6

Test ID	**IOP-ASI-INTF-070**
Function	Incoming AS CAMT2012 ReturnGeneralBusinessInformation_ASI to AS notifying the opening of NTS.
Test category	COUS
Apply to	AS running procedure 6 interfaced
Business day phase	Night Time Settlement
Pre-conditions	An AS with model6 interface. NTS is open
Description	ASI sends a CAMT2012 ReturnGeneralBusinessInformation_ASI ((camt.021.001.03)) to notify the opening of NTS.
Expected results	A CAMT2012 ReturnGeneralBusinessInformation_ASI is received by the AS to notify the opening of NTS (<Sbjt>OVN-PROC-OPN</Sbjt>)
References	UDFS IV ; 6.6

Test ID	**IOP-ASI-INTF-080**
Function	Incoming AS CAMT2012 ReturnGeneralBusinessInformation_ASI to AS notifying the release of liquidity after the end of cycle.
Test category	COUS
Apply to	AS of SP6-interfaced
Business day phase	Day trade or NTS
Pre-conditions	NTS OPEN. Some CUO's are executed. A cycle is open and the funds in the subaccounts are blocked. When the cycle is closed the remaining funds are released and ASI notifies this release of funds to the AS via RGBI_ASI.
Description	ASI sends a CAMT2012 ReturnGeneralBusinessInformation_ASI (camt.021.001.03) to notify the release of funds after closing a cycle.
Expected results	A CAMT2012 ReturnGeneralBusinessInformation_ASI is received by the AS to notify the release of liquidity after the end of cycle (<Sbjt>LIQ-CYCL-END</Sbjt>)
References	UDFS IV ; 6.6

Test ID	**IOP-AS-INTF-610**
Function	**Settlement with dedicated liquidity – procedure 6 interfaced model - daylight business:** AS opens the settlement procedure and settlement cycle, sends a transaction file and closes the cycle and the procedure
Test category	COUS
Apply to	AS using procedure 6 for **daylight** interfaced settlement
Business day phase	Day trade
Pre-conditions	***General:*** Correct set-up of static data for AS and Settlement Bank(s) – sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others
	For Start of Procedure: SSP/ASI open for daylight processing – Standing orders have been prepared
	For Start of Cycle: Successful start of procedure for daylight interfaced settlement
	For Settlement: Successful start of cycle for daylight business (interfaced model)
	For End of Cycle: Successful start of cycle for daylight business (interfaced model)
	For End of Procedure: Successful end-of-cycle for daylight interfaced settlement
Description	***Start of Procedure:*** AS sends message "ReturnGeneralBusinessInformation" (camt.021.001.05/camt.021.001.03) to ASI where tag "Sbjt" contains "DAY-PROC-OPEN" " – SBs may send payments (current orders) to credit sub-accounts
	Start of Cycle: AS sends message "ReturnGeneralBusinessInformation" to ASI where tag "Sbjt" contains "DAY-CYCL-OPEN" - SBs send payments (current orders) to credit sub-accounts (queued) during the cycle.
	Settlement: AS sends a correct message "ASTransferInitiation" to ASI (with tag "Code" equal to "SET") with a file containing three types of transactions (debit sub account – credit AS technical account; debit AS technical account – credit sub acount; debit AS technical account credit RTGS account) and with sufficient funds on all sub accounts. After 5 minutes the same file is sent again.
	End of Cycle: AS sends a message "ReturnGeneralBusinessInformation" to ASI where tag "Sbjt" contains "DAY-CYCL-CLOS" – SBs may send payments and current orders to credit sub-accounts (settled)
	End of Procedure: AS sends a message "ReturnGeneralBusinessInformation" where tag "Sbjt" contains "DAY-PROC-CLOSE".

Expected results

Start of Procedure:

Start-Of-Procedure confirmed to AS via "ReturnGeneralBusinessInformation" ☐

Payments to credit sub-accounts are immediately executed, AS not notified ☐

Standing orders are executed in decreasing order of amount or, in case of insufficient liquidity, rejected ☐

Current orders are immediately executed or (in case of insufficient liquidity rejected) ☐

AS will receive individual notifications via message "ReturnAccount" ☐

Optional: Relevant SBs receive debit notifications (MT900) on the RTGS accounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit notifications (MT910) on the subaccounts (SWIFT-based participant) ☐

Start of Cycle:

AS receives a message "ReturnAccount" to confirm the amount actually blocked ☐

In case of insufficient liquidity, payments are queued; AS not notified ☐

Current orders are not executed, but stored until End-of-Cycle ☐

Optional: Relevant SBs receive debit notifications MT900 on the RTGS accounts only stemming from the execution of payment, not the current orders because queued (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit notifications MT910 on sub acc only stemming from the execution of settlement, not the current orders because are queued (SWIFT-based participant) ☐

Settlement:

All settlement transactions are executed as instructed ☐

AS receives a notification via message "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for all transactions ☐

Optional: Relevant SBs receive debit and credit confirmations (MT900/910) for all settlement transactions on their sub accounts and RTGS accounts (SWIFT-based participant) ☐

AS is able to resend exactly the same file ☐

AS is able to treat the ReturnAccount message resulting from the liquidity increase of the sub account of the SB that comes during the cycle ☐

End of Cycle:

ASI notifies AS of release of funds via message "ReturnGeneralBusinessInformation" where the tag "BizInfRef" contains the same value as in the message sent by the AS ☐

Payments to credit sub-accounts are immediately executed, AS not notified ☐

Current orders to credit sub-accounts are immediately executed or (in case of insufficient liquidity rejected) ☐

AS receives individual notifications for the current orders via "ReturnAccount" ☐

End of Procedure:

Liquidity on subaccounts is transferred to RTGS accounts ☐

AS receives individual notificatons via message "ReturnAccount" ☐

Optional: Relevant SBs receive debit confirmations (MT900) on the subaccounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit confirmations (MT910)on the RTGS accounts (SWIFT-based participant) ☐

References	UDFS I/2.8.3; IV/5.6	ICM book I, par. 3.3.3 and 5.4.2

Test ID	**IOP-AS-INTF-620 (includes CAMT message)**
Function	**Settlement with dedicated liquidity – procedure 6 interfaced– night-time business:** ASI opens the settlement procedure. AS sends settlement cycle, sends a transaction file and closes the cycle and the procedure
Test category	COUS
Apply to	AS using procedure 6 for night-time interfaced settlement
Business day phase	Night-time
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub-accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***For Start of Procedure:*** SSP/ASI open for night-time processing – Standing orders have been prepared ***For Start of Cycle:*** Successful start of procedure for night-time interfaced settlement ***For Settlement:*** Successful start of cycle for night-time business (interfaced model) ***For End of Cycle:*** Successful start of cycle for night-time business (interfaced model) ***For End of Procedure:*** Successful end-of-cycle for night-time interfaced settlement
Description	***Start of Procedure:*** Start-Of-Procedure is automatically initiated by ASI – AS/SBs may send new current orders ("ASTransferInitiation") to credit sub-accounts ***Start of Cycle:*** AS sends message "ReturnGeneralBusinessInformation" (camt.021.001.05/camt.021.001.03) to ASI where tag "Sbjt" contains "OVN-CYCL-OPEN" - ***Settlement:*** AS sends a correct message "ASTransferInitiation" to ASI (with tag "Code" equal to "SET") with a file containing two types of transactions (debit subaccount – credit AS technical account; debit AS technical account – credit subacount) and with sufficient funds on all sub accounts. After 5 minutes the same file is sent again. ***End of Cycle***: AS sends a message "ReturnGeneralBusinessInformation" to ASI where tag "Sbjt" contains "OVN-CYCL-CLOS" – ***End of Procedure***: AS sends a message "ReturnGeneralBusinessInformation" where tag "Sbjt" contains "OVN-PROC-CLOS"

Expected results

Start of Procedure:

Start-Of-Procedure is confirmed to AS via message "ReturnGeneralBusinessInformation" ☐

Standing orders are executed in decreasing order of amount or, in case of insufficient liquidity, reduced in a pro-rata mode ☐

AS will receive individual notifications via message "ReturnAccount" ☐

Current orders are immediately executed or (in case of insufficient liquidity executed up to the liquidity available (while the remaining part is not executed) ☐

As will receive individual notifications for the standing/current orders via message "ASInitiationStatus" ☐

Optional: Relevant SBs receive debit notifications (MT900) on the RTGS accounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit notifications (MT910) on the subaccounts (SWIFT-based participant) ☐

Comment*:*

Start of Cycle:

AS receives a message "ReturnAccount" to confirm the amount actually blocked ☐

New current orders (received during the cycle) are queued ☐

Comment*:*

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Settlement:

All settlement transactions are executed as instructed ☐

AS receives a notification via message "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for all transactions ☐

Optional: Relevant SBs receive debit and credit confirmations (MT900/910) for all settlement transactions on their sub accounts (SWIFT-based participant) ☐

AS is able to resend exactly the same file ☐

Comment*:*

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End of Cycle:

ASI notifies AS of release of funds via message "ReturnGeneralBusinessInformation" where the tag "BizInfRef" contains the same value as in the message sent by the AS ☐

Current orders are immediately executed or (in case of insufficient liquidity executed up to the liquidity available (while the remaining part is not executed) ☐

AS receive individual notifications via message "ASInitiationStatus" ☐

Comment*:*

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End of Procedure:

Liquidity on sub accounts is transferred to RTGS accounts ☐

AS receives individual notificatons via message "ReturnAccount" ☐

Optional: Relevant SBs receive debit confirmations (MT900) on the subaccounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit confirmations (MT910)on the RTGS accounts (SWIFT-based participant) ☐

Comment*:*

References UDFS I/2.8.3; IV/5.6 ICM book I, par. 3.3.3 and 5.4.2

Test ID	**IOP-AS-INTF-642**
Function	**Settlement with dedicated liquidity - procedure 6 interfaced model – night-time business (DAYLIGHT procedure is an alternative):** ASI opens the settlement procedure. AS sends settlement cycle, sends a transaction file and closes the cycle and the procedure. Revocation of payments
Test category	COUS
Apply to	AS using procedure 6 for night-time interfaced settlement- SB participating in AS procedure 6.
Business day phase	Night-time
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub-accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***For Start of Procedure:*** SSP/ASI open for night-time processing – Standing orders have been prepared ***For Start of Cycle:*** Successful start of cycle for night-time interfaced settlement ***For Settlement:*** Successful start of cycle for night-time business (interfaced model) and delivery of 'SET' file ***For End of Cycle:*** Successful end of cycle for night-time business (interfaced model) ***For End of Procedure:*** Successful end-of-procedure for night-time interfaced settlement
Description	***Start of Procedure:*** Start-of-Procedure is automatically initiated by ASI – AS/SBs may send new current orders ("ASTransferInitiation") to credit sub-accounts ***Start of Cycle:*** AS sends message "ReturnGeneralBusinessInformation" (camt.021.001.05/camt.021.001.03) to ASI where tag "Sbjt" contains "OVN-CYCL-OPEN" - ***Settlement:*** AS sends a correct message "ASTransferInitiation" to ASI (with tag "Code" equal to "SET") with a file containing two types of transactions (debit subaccount – credit AS technical account; debit AS technical account – credit subacount) and with sufficient funds on all sub accounts except in one because a wrong amount was filled in the transaction. AS ask to the relevant CB to revoke that transaction. ***End of Cycle***: AS sends a message "ReturnGeneralBusinessInformation" to ASI where tag "Sbjt" contains "OVN-CYCL-CLOS" – ***End of Procedure***: AS sends a message "ReturnGeneralBusinessInformation" where tag "Sbjt" contains "OVN-PROC-CLOS"

Expected results

Start of Procedure:

Start-of-Procedure is confirmed to AS via message "ReturnGeneralBusinessInformation" ☐

Standing orders are executed in decreasing order of amount or, in case of insufficient liquidity, reduced in a pro-rata mode ☐

AS will receive individual notifications via message "ReturnAccount" ☐

Current orders are immediately executed or (in case of insufficient liquidity executed up to the liquidity available (while the remaining part is not executed) ☐

As will receive individual notifications for the standing/current orders via message "ASInitiationStatus" ☐

Optional: Relevant SBs receive debit notifications (MT900) on the RTGS accounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit notifications (MT910) on the subaccounts (SWIFT-based participant) ☐

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Start of Cycle:

AS receives a message "ReturnAccount" to confirm the amount actually blocked ☐

New current orders (received during the cycle) are queued ☐

Comment*:*

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Settlement:

Some settlement transactions are executed as instructed ☐

The transaction asked to revoke by the AS will be in revoked status. A broadcast is sent to the AS and to the relevant settlement bank informing the revocation of the payment

AS receives a notification via message "ASInitiationStatus" with tag "TxSts" equal to "PART"

SB's with queued transactions because of a wrong amount are revoked by the CB.

The transaction asked to revoke by the AS will be in revoked status.

A broadcast is sent to the AS and to the relevant settlement bank informing the revocation of the payment. ☐

Optional: Relevant SBs receive debit and credit confirmations (MT900/910) for all settlement transactions on their sub accounts (SWIFT-based participant) ☐

AS is able to resend exactly the same file ☐

Liquidity on sub accounts is transferred to RTGS accounts ☐

AS receives individual notificatons via message "ReturnAccount" ☐

Optional: Relevant SBs receive debit confirmations (MT900) on the subaccounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit confirmations (MT910)on the RTGS accounts (SWIFT-based participant) ☐

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End of Cycle:

ASI notifies AS of release of funds via message “ReturnGeneralBusinessInformation” where the tag “BizInfRef” contains the same value as in the message sent by the AS ☐

Current orders are immediately executed or (in case of insufficient liquidity executed up to the liquidity available (while the remaining part is not executed) ☐

AS receive individual notifications via message “ASInitiationStatus” ☐

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End of Procedure:

AS receives individual notificatons via message “ReturnAccount” ☐

Optional: Relevant SBs receive credit confirmations (MT910)on the RTGS accounts (SWIFT-based participant) ☐

References	UDFS to be included	ICM book

Test ID	**IOP-AS-INF-646**
Function	**Settlement with dedicated liquidity - procedure 6 interfaced model – night-time business between 6.45 and 7.00 am:** ASI opens the settlement procedure. AS sends settlement cycle, sends a transaction file and closes the cycle and the procedure
Test category	COUS; MAND
Apply to	AS using procedure 6 for night-time interfaced settlement
Business day phase	Night-time
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub-accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others ***For Start of Procedure:*** SSP/ASI open for night-time processing – Standing orders have been prepared ***For Start of Cycle:*** Successful start of cycle for night-time interfaced settlement ***For Settlement:*** Successful start of cycle for night-time business (interfaced model) and delivery of 'SET' file ***For End of Cycle:*** Successful end of cycle for night-time business (interfaced model) ***For End of Procedure:*** Successful end-of-procedure for night-time interfaced settlement
Description	***Start of Procedure:*** Start-Of-Procedure is automatically initiated by ASI before 6.45 if it is not already open– AS/SBs may send new current orders ("ASTransferInitiation") to credit sub-accounts ***Start of Cycle:*** AS sends message "ReturnGeneralBusinessInformation" (camt.021.001.05/camt.021.001.03) to ASI where tag "Sbjt" contains "OVN-CYCL-OPEN" - ***Settlement:*** Between 6.45 and 7.00. AS sends a correct message "ASTransferInitiation" to ASI (with tag "Code" equal to "SET") with a file containing two types of transactions (debit subaccount – credit AS technical account; debit AS technical account – credit subacount) and with sufficient funds on all sub accounts. After 5 minutes the same file is sent again. ***End of Cycle***: AS sends a message "ReturnGeneralBusinessInformation" to ASI where tag "Sbjt" contains "OVN-CYCL-CLOS" – ***End of Procedure***: AS sends a message "ReturnGeneralBusinessInformation" where tag "Sbjt" contains "OVN-PROC-CLOS"

Expected results

Start of Procedure:

Start-Of-Procedure is confirmed to AS via message "ReturnGeneralBusinessInformation" ☐

Standing orders are executed in decreasing order of amount or, in case of insufficient liquidity, reduced in a pro-rata mode ☐

AS will receive individual notifications via message "ReturnAccount" ☐

Current orders are immediately executed or (in case of insufficient liquidity executed up to the liquidity available (while the remaining part is not executed) ☐

As will receive individual notifications for the standing/current orders via message "ASInitiationStatus" ☐

Optional: Relevant SBs receive debit notifications (MT900) on the RTGS accounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit notifications (MT910) on the subaccounts (SWIFT-based participant) ☐

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Start of Cycle:

AS receives a message "ReturnAccount" to confirm the amount actually blocked ☐

New current orders (received during the cycle) are queued ☐

Comment*:*

==========

Settlement:

Settlement transactions are executed as instructed ☐

AS receives a notification via message "ASInitiationStatus" with tag "TxSts" equal to "PART"

SB's with queued transactions because of a wrong amount are revoked by the CB.☐

Optional: Relevant SBs receive debit and credit confirmations (MT900/910) for all settlement transactions on their sub accounts (SWIFT-based participant) ☐

AS is able to resend exactly the same file ☐

Liquidity on sub accounts is transferred to RTGS accounts ☐

AS receives individual notificatons via message "ReturnAccount" ☐

Optional: Relevant SBs receive debit confirmations (MT900) on the subaccounts (SWIFT-based participant) ☐

Optional: Relevant SBs receive credit confirmations (MT910)on the RTGS accounts (SWIFT-based participant) ☐

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End of Cycle:

ASI notifies AS of release of funds via message "ReturnGeneralBusinessInformation" where the tag "BizInfRef" contains the same value as in the message sent by the AS ☐

Current orders are immediately executed or (in case of insufficient liquidity executed up to the liquidity available (while the remaining part is not executed) ☐

AS receive individual notifications via message "ASInitiationStatus" ☐

End of Procedure:

AS receives individual notificatons via message "ReturnAccount" ☐

Optional: Relevant SBs receive credit confirmations (MT910)on the RTGS accounts (SWIFT-based participant) ☐

Comment*:*

Test ID	**IOP-AS-CROSS-600**
Function	**Cross-AS settlement: Reception of Cross-AS settlement from procedure 6 real-time AS1 to Interfaced AS2 – night-time or daylight) business:** AS2 receives a single Cross-AS transaction file.
Test category	COUS
Apply to	AS2 using procedure 6 for Interfaced settlement and reception of Cross-AS settlement from procedure6 real-time AS1 mod 6
Business day phase	Night-time (day-light time as possible alternative)
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub-accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross DVP settlement in place. ***SSP:*** Start of procedure initiated successfuly ***AS1:*** Successful start of procedure and start of cycle (valid for night-time,for daylight no cycle) procedure 6 real-time settlement ***AS2***: Successful start of procedure for night-time (daylight) interfaced settlement
Description	***Settlement:*** AS1 sends a correct message "ASTransferInitiation" to ASI with a file containing a single payment to transfer liquidity from the technical account of AS1 on behalf of SB a to the sub-account of a settlement bank (SB B) of AS2 transactions. AS2 is notified on the increase of liquidity and balance in the sub account with an AS Transfer Notice.
Expected results	***Settlement:*** The liquidity is transferred from the technical account of AS1 to SB B's sub account with AS2 ☐ AS2 is notified on the increase of liquidity in the sub account with an AS Transfert Notice.☐ Comment*:*
References	UDFS I/2.8.3; IV/5.6 ICM book I, par. 3.3.3 and 5.4.2

Test ID	**IOP-AS-CROSS-610**
Function	**Cross-AS settlement: Sending of Cross-AS settlement from Interfaced AS1 to procedure 6 real-time AS2 – night-time (daylight is an alternative) business:** AS1 sends a a single Cross-AS payment with AS transfer initiation file.
Test category	COUS
Apply to	AS1 using procedure 6 for Interfaced settlement and emission of Cross-AS settlement to procedure 6 real-time AS2 mod 6
Business day phase	Night-time (day-light time as possible alternative)
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross DVP settlement in place. ***SSP:*** Start of procedure initiated successfuly ***AS1:*** Successful start of procedure and start of cycle for night-time (daylight) interfaced settlement ***AS2***: Successful start of procedure for night-time (daylight) procedure 6 real-time settlement
Description	***Settlement:*** AS1 sends a correct message "ASTransferInitiation" to ASI with a file containing a single payment to transfer liquidity from a sub account of a SB of AS1 to a technical account of a SB of another AS, AS2.
Expected results	***Settlement:*** The liquidity is transferred from the sub account of SB of AS1 to the technical account of AS2 ☐ AS1 receives a notification via message "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for the transaction ☐ AS1 is able to resend exactly the same file ☐ Comment*:*
References	UDFS I/2.8.3; IV/5.6 ICM book I, par. 3.3.3 and 5.4.2

Test ID	**IOP-AS-CROSS-620**
Function	**Cross-AS settlement: Reception of Cross-AS settlement from Interfaced AS1 to Interfaced AS2 – night-time (daylight is an alternative) business:** AS1 sends a single Cross-AS payment with AS transfer initiation file.
Test category	COUS
Apply to	AS2 using procedure 6 real-time for settlement and reception of Cross-AS settlement from Interfaced AS1 mod 6
Business day phase	Night-time (day-light time as possible alternative)
Pre-conditions	***General:*** Correct set-up of static data for AS, Settlement Bank(s) and sub accounts - sufficient funds/overdraft available on relevant accounts - Debit/credit notification for SBs is enabled for some SBs, disabled for others – Agreement between AS1 and AS2 to exchange Cross DVP settlement in place. ***SSP:*** Start of procedure initiated successfuly ***AS1:*** Successful start of procedure and start of cycle for night-time (daylight) interfaced settlement ***AS2***: Successful start of procedure for night-time (daylight) interfaced settlement
Description	***Settlement:*** AS1 sends a correct message "ASTransferInitiation" to ASI with a file containing a single payment to transfer liquidity from a sub account of a SB of AS1 to a sub account of AS2.
Expected results	***Settlement:*** The liquidity is transferred from the sub account of SB of AS1 to the sub account of SB of AS2 ☐ AS1 receives a notification via message "ASInitiationStatus" with tag "TxSts" equal to "ACSC" for the transaction ☐ AS1 is able to resend exactly the same file ☐ Comment*:*
References	UDFS I/2.8.3; IV/5.6 ICM book I, par. 3.3.3 and 5.4.2

Test ID	**IOP-AS-648**
Function	**Liquidity Transfer initiated by AS** (all models) – ICM window Sorting
Test category	COUS; MAND
Apply to	AS (all procedures)
Phase of the business day	Day trade
Pre-conditions	Correct set-up of static data for AS and Settlement Bank(s)
Description	AS Sends a correct filled in ASTransferInitiation message model. All payments are debited to the same participant with liquidity enough.
Expected results	Check in the ICM the correct sorting of payments. All payments will be settled. They will be sorted, firstly by ascending order priority and secondly by descending order to the entry time.
References	UHB ICM Book 1 chapter 6.1.1.1.2 Select Payments

Test ID	**IOP-AS-649**
Function	**Automatic Query refresh in the ICM**
Test category	COUS
Apply to	AS (all procedures)
Business day phase	Day trade
Pre-conditions	Correct set-up of static data
Description	AS sends some correct filled in ASTransferInitiation messages. No optional fields filled in and using the refresh button.
Expected results	Check in ICM screens: Select payments, Select messages, Select Bussiness Case and Select File. Check that the default sorting by the user and the define filter criteria are kept for the refresh. Check that, after refreshing, the first page will be displayed. Comment:
References	UHB ICM Book 1 chapter 6.1.1.1.2 Select Payments

TARGET2 Interoperability test cases related to T2S system

Corresponding to T2S release 1.2 (no new test cases added for release 2.0/3.0)

Test ID	**IOP-T2SI-010 (introduced with release 7.0 for testing T2/T2S related features, amended for release 12.1)**
Function	Sending of a T2/T2S Liquidity transfer via ICM from RTGS account to DCA
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, GoA manager
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00.
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • Sufficient liquidity on RTGS account •

Description

Direct participant initiates a liquidity transfer from T2 to T2S via T2 ICM dedicated page. Participant select a DCA from the list of DCSs linked to RTGS account (drop
downlist) or enter any T2S DCA number directly.
Sufficient funds available.
Optional: Participant may request to receive a BankToCustomerDebitNotification or MT900

Expected results

- Participant able to initiate a Liquidity transfer via U2A (ICM) ☐
- Participant's RTGS account debited and DCA credited ☐
- Optional: T2 sends an optional BankToCustomerDebitNotification (camt.054.001.06) with subfamilycode "FICT" or MT900 to participant depending on the flag for T2S related notifications. ☐

Comment:

References	UDFS I/ 2.9.3.1.2.3; IV 6.12.1/; ICM-UHB I/6.1.1; 6.1.2; 6.4.1

Test ID	**IOP-T2SI-015 Negative (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1))**
Function	Sending of a T2/T2S Liquidity transfer via ICM from RTGS account to a non-existing DCA
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, GoA manager
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00.
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • Sufficient liquidity on RTGS account • *Negative receipt send from T2S to T2* • Sufficient funds available

Description

Direct participant initiates a liquidity transfer from T2 to T2S via T2 ICM dedicated page. Participant enters any T2S DCA number directly.

Optional: Participant may request to receive a BankToCustomerDebitNotification or MT900

Expected results

- Participant able to initiate a Liquidity transfer via U2A (ICM) ☐
- Participant's RTGS account debited ☐
- Participant able to handle T2 automatically reversed the booking -T2 Participant's RTGS account credited ☐
- No optional BankToCustomerDebitNotification (camt.054.001.06) nor MT900 send

Comment:

References	UDFS I/ 2.9.3.1.2.3; IV 6.12.1/; ICM-UHB I/6.1.1; 6.1.2; 6.4.1

Test ID	**IOP-T2SI-020 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1))**
Function	Sending of a Liquidity transfer via XML from RTGS account to DCA
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, GoA Manager
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod

Pre-conditions

- RBAC profile: APPLICATE
- Sufficient liquidity on RTGS account

Description

Direct participant or group of accounts manager sends a LiquidityCreditTransfer (camt.050.001.04) without BAH for the initiation of a liquidity transfer from T2 to T2S via SWIFT. The field CashaccountTypeCode filled in with code >CASH< in Creditor Account and code >SACC< in DebtorAccount.

Expected results

- Participant able to initiate a Liquidity transfer via A2A ☐
- Participant's RTGS account debited and DCA credited ☐
- T2 sends a positive Receipt (camt.025.001.04 with Statuscode>0000<) to participant ☐
- Participant able to threat the XML message debit notification ☐

Comment:

References	UDFS I/ 2.9.3.1.2. IV/ 6.12.5 and 6.12.7 ICM-UHB I/ 6.1.1; 6.1.2

Test ID	**IOP-T2SI-025 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	Sending of a Liquidity transfer via XML from RTGS account to non existing DCA
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, GoA Manager
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing Note: The phase “Settlement of AS night-time processing “starts fifteen minutes later on the last day of the minimum reserve period

Pre-conditions

- RBAC profile: APPLICATE
- Sufficient liquidity on RTGS account
- Error in Liquidity transfer (eg unknown creditor DCA)

Description

- Direct participant or group of accounts manager sends a LiquidityCreditTransfer (camt.050.001.04) without BAH for the initiation of a liquidity transfer from T2 to T2S via SWIFT. The field CashaccountTypeCode filled in with code >CASH< in Creditor Account and code >SACC< in DebtorAccount. Error in Liquidity transfer (e.g. unknown creditor DCA)

Expected results

- Participant able to initiate a Liquidity transfer via A2A ☐
- Liquidity transfer sent via A2A ☐
- Participant's RTGS account debited ☐
- After T2 automatically reversed the booking -T2 Participant's RTGS account credited; participant able to treat the RTGS reverse booking ☐
- Participant able to treat the negative Receipt (camt.025.001.04) with Statuscode>T2SR<) sent by T2 and a second occurrence providing the T2S error code to participant ☐

Comment:

References UDFS I/ 2.9.3.1.2. IV/ 6.12.5 and 6.12.7
ICM-UHB I/ 6.1.1; 6.1.2

Test ID	**IOP-T2SI-030 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	Sending of a Liquidity transfer via XML from RTGS account to DCA
Test category	MAND
Apply to	Third party T2S Actor (CSD-CI); DP
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod
Pre-conditions	• RBAC profile: APPLICDTE • Sufficient liquidity on RTGS account • T2S Actor is allowed to act on behalf of the participant • *Optional:* Flag for T2S related push messages to T2 participants via SWIFT stored in SD can be set to XML or MT.
Description	Third party sends a LiquidityCreditTransfer (camt.050.001.04) without BAH for the initiation of a liquidity transfer from participant's RTGS2 account to T2S DCA via SWIFT.

Expected results

- Liquidity transfer sent
- Participant's RTGS account debited and DCA credited ☐
- T2 sends a positive Receipt (camt.025.001.04 with Statuscode>0000<) to initiating third party via SWIFT ☐
- T2 sends an optional BankToCustomerDebitNotification (camt.054.001.06) or MT900 to participant depending on the flag for T2S related notifications The field CashaccountTypeCode filled in with code >CASH< in Creditor Account and code >SACC< in DebtorAccount ☐
- Participant able to threat the XML message debit notification ☐

Comment:

References

UDFS I/ 2.9.3.1.2. IV/ 6.12.5 and 6.12.7
ICM-UHB I/6.1.1; 6.1.2; 6.4.1

Test ID	**IOP-T2SI-040 (push-VAS) (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	Sending of a Liquidity transfer via MT202 from RTGS account to DCA
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cut-off for Messages Input (18:30) are stored (not visible in ICM) for later processing Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113 • *Current date (no warehouse functionality)* • set of execution time possible: • /TILTIME/hhmm+/-iinn • /FROTIME/hhmm+/-iinn • /REJTIME/hhmm+/-iinn
Description	The user generates and sends a bank to bank payment (MT202(Y-copy), Highly urgent priority, with all mandatory fields filled in in favour of a DCA. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC
Receiver	test BIC of T2SI TRGTXEP0T2S
113 (header)	banking priority, first character: H
First of 58A:	BIC of DCA holder and T2S DCA ID only a T2S DCA number linked to his RTGS account is allowed

Expected results

- Participant able to initiate a Liquidity transfer via MT202 according to the description below ☐
- Participant's RTGS account debited and DCA credited ☐
- *Optional:* MT012 received and processed correctly ☐
- *Optional (*following subscription to MT900 by account holder): when MT202 sent on behalf of the account holder, MT900 generated by TARGET2 sent to account holder ☐
- Correct handling of MT900by account holder.

Comment:

References UDFS I/2.9.3.1.2.2; 9.1.2.2.1.2 and 9.1.2.4.1
ICM-UHB I/ I/6.1.1; 6.1.2

Test ID	**IOP-T2SI-045 Negative (push-VAS) (introduced with release 7.0 for testing T2/T2S related features)**
Function	Sending of a Liquidity transfer via MT202 from RTGS account to non existing DCA
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing Note: The phase "Settlement of AS night-time processing "starts 15 minutes later on the last day of the minimum reserve peiod
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • Sufficient liquidity on RTGS account • *Optional:* Participant may request receipt of MT012 in user header, tag 113 • *Current date (no warehouse functionality)* • set of execution time possible: • /TILTIME/hhmm+/-iinn • /FROTIME/hhmm+/-iinn • /REJTIME/hhmm+/-iinn • Error in Liquidity transfer (eg unknown creditor DCA)
Description	The user generates and sends a bank to bank payment MT202 (Y-copy), Highly urgent priority, with all mandatory fields filled in in favour of a DCA. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC
Receiver	test BIC of T2SI TRGTXEP0T2S
113 (header)	banking priority, first character: H
First of 58A:	BIC of DCA holder and T2S DCA ID only a T2S DCA number linked to his RTGS account is allowed

Expected results

- Participant able to initiate a Liquidity transfer via MT202 ☐
- Participant's RTGS account debited ☐
- After T2 automatically reversed the booking -T2 Participant's RTGS account credited ☐
- MT019 received and processed correctly by participant ☐
- T2S error code is reported in ICM and can be checked in T2S UDFS ☐

Comment:

References UDFS I/2.9.3.1.2.2; 9.1.2.2.1.2 and 9.1.2.4.1
ICM-UHB I/ I/6.1.1; 6.1.2

Test ID	**IOP-T2SI-050 (pull-VAS) (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1) – positive Receipt from T2S -**
Function	Pull of a Liquidity transfer via ICM from T2S DCA to T2 RTGS account
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA Manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve period. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing
Pre-conditions	• RBAC profile: CULIQUTE/FE; • Flag for T2S related push messages to T2 participants via SWIFT stored in SD can be set to XML or MT. • Participant subscribed to VAS
Description	Direct participant initiates a liquidity transfer from T2S to T2 (pull liquidity) via T2 ICM dedicated page. Participant change the arrow to debit the DCA and credit the linked RTGS account.
Expected results	• Participant able to initiate a Pull Liquidity transfer via ICM ☐ • ☐ • Participant able to treat the optional LiquidityTransfer notification<camt.050.001.04> or MT202 ☐ Comment:

References UDFS I/ 2.9.3.3.3; IV 6.12.5;
ICM-UHB I/6.1.1; 6.1.2: 6.4.1

Test ID	**IOP-T2SI-060 (pull-VAS) (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1) – positive Receipt from T2S -**
Function	Pull of a Liquidity transfer via XML from T2S DCA to T2 RTGS account
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA Manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00 and T2S maintenance (03:00 till 05:00) Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cur-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing
Pre-conditions	• RBAC profile: APPLICATE • The sending DN is the DN matching the participant BIC in the DN-BIC matching table. • Flag for T2S related push messages to T2 participants via SWIFT stored in SD can be set to XML or MT.
Description	Direct participant sends a LiquidityCreditTransfer (camt.050.001.04) without BAH for the initiation of a liquidity transfer from T2S DCA to T2 RTGS2 account pull liquidity via SWIFT. The T2 DP can specific only a DCA number to be debited which is linked to his RTGS account.

Expected results

- Participant able to initiate a Pull Liquidity transfer <camt.050.001.04> ☐
- Participant's DCA debited and linked RTGS credited
- Amount fully or partially executed (depends on available liquidity on DCA ☐
- T2 send a positive Receipt <camt.025.001.04> to the T2 participant
- T2 sends a LiquidityCreditTransfer (camt.050.001.04) or MT202 (depends on flag in SD) with settled amount via SWIFT to participant ☐
- Participant able to treat the notification ☐

Comment:

References

UDFS I/ 2.9.3.3.1. IV/ 6.12.5
ICM-UHB I/6.1.1;6.1.2; 6.4.1

Test ID	**IOP-T2SI-065 Negative (pull-VAS) (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	Pull of a Liquidity transfer via XML from T2S DCA to T2 RTGS account (negative case)
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA Manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00 and T2S maintenance (03:00 till 05:00) Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messges received after Cur-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing
Pre-conditions	• RBAC profile: APPLICATE • The sending DN is the DN matching the participant BIC in the DN-BIC matching table. • Flag for T2S related push messages to T2 participants via SWIFT stored in SD can be set to XML or MT. • Liquidity transfer validated with error or cannot be settled (eg balance of DCA is zero)
Description	Direct participant sends a LiquidityCreditTransfer (camt.050.001.04) without BAH for the initiation of a liquidity transfer from T2S DCA to T2 RTGS2 account pull liquidity via SWIFT. The T2 DP can specific only a DCA number to be debited which is linked to his RTGS account.

Expected results

- Participant able to initiate a Pull Liquidity transfer <camt.050.001.04>
- Pull Liquidity transfer sent ☐
- T2 sends a negative Receipt <camt.025.001.04> including the first error code reported by T2S (can be checked with T2S UDFS) or the unsettled status to the T2 participant via SWIFT ☐
- Participant able to treat the negative Receipt ☐

Comment:

References

UDFS I/ 2.9.3.3.1. IV/ 6.12.5
ICM-UHB I/6.1.1;6.1.2

Test ID	**IOP-T2SI-070 (pull-VAS) (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	Pull of a Liquidity transfer via MT202 in TARGET2 to debit a T2S DCA and credit a T2 RTGS account
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00 and T2S maintenance (03:00 till 05:00) Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messages received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • *Optional:* Participant may request receipt of MT012 in user header, tag 113 • *Current date (no warehouse functionality)* • set of execution time possible: • /TILTIME/hhmm+/-iinn • /FROTIME/hhmm+/-iinn • /REJTIME/hhmm+/-iinn
Description	The user generates and sends a bank to bank payment (MT202 (Y-copy), Highly urgent priority, with all mandatory fields in favour of his RTGS account. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC
Receiver	test BIC of T2SI TRGTXEP0T2S
113 (header)	banking priority, first character: H
53A:	BIC of DCA and T2S DCA ID, only a T2S DCA number linked to his RTGS account is allowed
First of 58A:	Test BIC of direct participant

Expected results

- Participant able to send a MT202 with the above characteristics ☐
- Amount fully or partially executed (depends on available liquidity on DCA ☐
- MT012 received if DP opted to receive it or if payment is only partially executed by T2S

  field 114 of MT012 contains:

  T2S Receipt entry time HHMMSS

  T2S settlement status:

  "SSET" (settled) or

  "SPAS" (partially settled)

  SSP Business Case ID ☐
- T2 sends an optional LiquidityCreditTransfer (camt.050.001.04) or MT202 (depends on flag in SD) to participant ☐
- Participant able to treat the XML or MT202 message notification ☐

Comment:

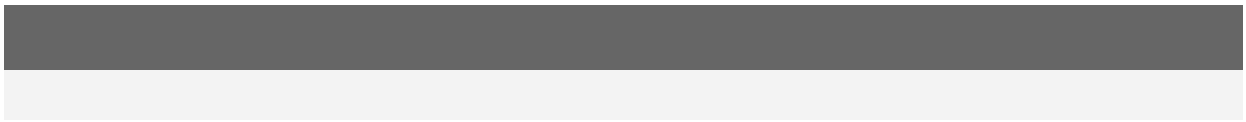
References UDFS I/2.9.3.3.2 and IV/ 6.12.5
ICM-UHB I/6.1.1;6.1.2 (VAS)

Test ID	**IOP-T2SI-075 Negative (pull-VAS) (introduced with release 7.0 for testing T2/T2S related features)**
Function	Pull of a Liquidity transfer via MT202 from T2S DCA to T2 RTGS account (negative case)
Test category	COUS; MAND for VAS participant
Apply to	DP (VAS), GoA manager (VAS)
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00 and T2S maintenance (03:00 till 05:00) Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod. Messages received between Cut-off for T2S and Cut-off for Messges Input (18:30) will be rejected Messages received after Cut-off for Messages Input (18:30) are stored (not visisble in ICM) for later processing
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • *Optional:* Participant may request receipt of MT012 in user header, tag 113 • *Current date (no warehouse functionality)* • set of execution time possible: • /TILTIME/hhmm+/-iinn • /FROTIME/hhmm+/-iinn • /REJTIME/hhmm+/-iinn • The Liquidity transfer is validated by T2S with error or can not be settled (eg balance of DCA is zero)
Description	The user generates and sends a bank to bank payment (MT202 (Y-copy), Highly urgent priority, with all mandatory fields in favour of his RTGS account. Specific details of the message:

Field	***Description***
Sender	DP participant's test BIC
Receiver	test BIC of T2SI TRGTXEP0T2S
113 (header)	banking priority, first character: H
53A:	BIC of DCA and T2S DCA ID, only a T2S DCA number linked to his RTGS account is allowed
First of 58A:	Test BIC of direct participant

Expected results	• Participant able to send a MT202 with the above characteristics ☐ • Participant able to receive and treat the MT019 sent by T2 (no precise error code mentioned) ☐ • T2S error code is reported in ICM and visible to the participant ☐ Comment:

References UDFS I/2.9.3.3.2 and IV/ 6.12.5
ICM-UHB I/6.1.1;6.1.2



Test ID	**IOP-T2SI-080 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	Automated repatriation of the T2S DCA to the linked external RGTS account (**Sweep at EOD**)
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, GoA manager
Phase of the business day	Day trade phase from 17:45 till 18:00
Pre-conditions	• RBAC profile: CULIQUTE/FE; CUGAMATE/FE • Flag for T2S related push messages to T2 participants via SWIFT stored in SD can be set to XML or MT
Description	T2S generates automatically the sweep at the end of the business day in T2S
Expected results	• Participant's DCA debited and linked RTGS credited for balance on DCA ☐ • Balance of DCA=zero • T2 sends a LiquidityCreditTransfer (camt.050.001.04) or MT202 to participant (depends on flag in SD) to participant ☐ • Participant able to treat the XML or MT202 message ☐ Comment:
References	UDFS I/2.9.2 and IV/ 6.12.5 ICM-UHB I/6.1.1;6.1.2; 6.4.1

Test ID	**IOP-T2SI-100 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	T2S Actors to check status of liquidity transfer eg in case of missing the related Receipt **(Get Transaction_T2SI).**
Test category	COUS
Apply to	T2S Actors
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod.
Pre-conditions	• RBAC profile: APPLICDTE • LiquidityCreditTransfer (camt.050.001.04) sent • Receipt missing •
Description	T2S Actor sends GetTransaction_T2SI (camt.005.001.07) With Pending or Final status request is filled in to receive information on a Liquidity Transfer they have initiated.
Expected results	• T2 sends ReturnTransaction_T2SI (camt.006.001.07) as response ☐ • Pending status- Possible values for pending status: STLE or PSTL • Or Final Status CAND, STDL or RJTD ☐ • Participant able to treat the notification ReturnTransaction_T2SI (camt.006.001.07) ☐ Comment:
References	UDFS I/ and IV 6.12.4**;** 6.12.9 ICM-UHB

Test ID	**IOP-T2SI-105 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	T2S Actors to revoke pending liquidity transfer to T2S **(CancelTransaction_T2SI).**
Test category	COUS
Apply to	T2S Actors
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod.
Pre-conditions	• RBAC profile: APPLICDTE • LiquidityCreditTransfer (camt.050.001.04) sent • Liquidity transfer pending

Description

T2S Actor sends CancelTransaction_T2SI (camt.008.001.07) with Longbusiness Identifation or ProprietaryId (SSP booking ID) filled in to cancel a Liquidity Transfer they have initiated.

Expected results

T2 sends a Receipt (camt.025.001.04) with StatusCode <0000> after succesfull execution of the revocation as response ☐

Participant able to treat the Receipt

Comment:

References UDFS I/ and IV 6.12.2**;** 6.12.7

ICM-UHB

Test ID	**IOP-T2SI-110 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1)**
Function	The GetAccount message is sent to receive DCA balance information from T2S.
Test category	COUS
Apply to	Participants subscribed to VAS GoAManager
Phase of the business day	From start of new business day = start of phase "Settlement of AS night time processing"(19:30) and during T2 day trade phase till dedicated cut-off time for liquidity transfers to T2S (17:45) interrupted by T2 maintenance window from 22:00 to 01:00. Note: The phase "Settlement of AS night-time processing "starts fifteen minutes later on the last day of the minimum reserve peiod.
Pre-conditions	• RBAC profile: APPLICATE (A2A only); CUGAMATE/FE • Liquidity transfers sent
Description	Participant sends Getaccount_T2SI (camt.003.001.06) to receive information on the balances of the DCA linked to Their RTGS account.
Expected results	• T2 sends ReturnAccount_T2SI (camt.004.001.07) as response with Proprietary T2S BalanceTypecode: "ACCA" Available balance per DCA; "SBCB" Sum of blocked balances per DCA; "SRCB" Sum of reserved balances per DCA; "TCCA"/current balances(=sum of the three before mentioned balances☐ • Participant able to treat the notification ☐ Comment:
References	UDFS I/ and IV 6.12.3**;** 6.12.8 ICM-UHB

Test ID	**IOP-T2SI-120 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1, amended in release 10.0))**
Function	Define (or modify) a Standing Order Liquidity transfer to T2S (DCA) via A2A
Test category	COUS
Apply to	DP involved in T2S GoA Mngr
Business day phase	Day trade or Night-time
Pre-conditions	• RBAC profile: APPLICATE (A2A only) • Correct set-up of static data for DP and DCA. • Sufficient funds/overdraft available
Description	• User acting as DP or GoA Mngr acting on its behalf initiates (or modify) a standing order liquidity transfer via A2A (ModifyStandingOrderTechnical) from RTGS account to DCA in T2S via T2S technical account using or not the optional MT900/910 or BanktoCustomerDebitNotification (Iso 20022 - CAMT 054). • At the opening of the day-trade phase or night-time settlement: Participant's PM account debited (check in ICM) and DCA technical account credited in T2S.
Expected results	• Participant sends correct message XML message <camt.024.001.05/camt.024.001.04> ☐ • Receipt <camt.025.001.04>/camt.025.001.03> correctly treated by participant ☐ • Standing Order visible in ICM to participant • *Optional:* MT900 (containing DCA credited from Rel.10.0) or BanktoCustomerDebitNotification camt.054.001.006 correctly treated at the opening of Night Time Settlement of Day D+1☐ Comment:
References	UDFS I/2.9.3.1.1, I/ 9.2.7.1.1 (SO missing on V7.0) and IV/6.12.7, IV/6.5.31 ICM-UHB I/6.1.2.4 XML: ModifyStandingOrderDCA, ReturnStandingOrderDCA and BanktoCustomerDebitNotification

Test ID	**IOP-T2SI-130 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1, amended in release 10.0))**
Function	Define via ICM a Standing Order Liquidity transfer to T2S Dedicated Cash Account via U2A (ICM) for the opening of Night Time Settlement
Test category	MAND
Apply to	DP involved in T2S GoA Mngr
Business day phase	Day trade or Night-time (for execution day D+1)
Pre-conditions	• RBAC profile: at least CULIQUTE/FE or CUGAMATE/FE • Correct set-up of static data for DP and DCA • Sufficient funds/overdraft available •
Description	• Via ICM user acting as DP or GoA Mngr acting on its behalf initiates a standing order liquidity transfer from RTGS account to the Dedicated Cash Account in T2S via T2S Transit Account using or not the optional MT900/910 or BanktoCustomerDebitNotification (Iso 20022 - CAMT 054). • At the opening of the night-time settlement: Participant's PM account debited (check in ICM) and Dedicated Cash Account credited in T2S
Expected results	• Participant define SO at ICM ☐ • ReturnStandingOrderDCA <camt.070.001.01> correctly treated by participant ☐ • Standing Order visible in ICM to participant • *Optional:* MT900 (containing DCA credited from Rel.10.0) or BanktoCustomerDebitNotification <camt.054.001.06> correctly treated at opening of Night Time Settlement and execution of SO ☐ Comment:
References	UDFS I/2.9.3.1.1 I/ 9.2.7.1.1 (SO missing on V7.0) and IV/6.12.1 IV/6.5.31 ICM-UHB I/6.1.2.4 XML: ModifyStandingOrderDCA and Receipt

Test ID	**IOP-T2SI-140 (introduced with release 7.0 for testing T2/T2S related features amended for release 12.1, amended in release 10.0))**
Function	Modify (or delete) a Standing Order Liquidity Transfer to T2S Dedicated Cash Account via U2A (ICM)
Test category	MAND
Apply to	DP involved in T2S GoA Mngr
Business day phase	Day trade or Night-time (for execution day D+1)
Pre-conditions	• RBAC profile: at least CULIQUTE/FE or CUGAMATE/FE • Correct set-up of static data for DP and DCA • Sufficient funds/overdraft available •
Description	• Via ICM user acting as DP or GoA Mngr acting on its behalf modify (or delete, new amount =0) a Standing Order Liquidity Transfer from RTGS account to a Dedicated Cash Account in T2S using or not optional MT900/910 or BanktoCustomerDebitNotification (Iso 20022 - CAMT 054) enabled. • At the opening of the night-time settlement: Participant's PM account debited (check in ICM) and Dedicated Cash Account credited in T2S for the new amount (=0 if deletion)
Expected results	• Participant modify/delete SO at ICM ☐ • Correctly treated (seeing on ICM the new amount of the SO), after validation if FE used ☐ • ReturnStandingOrderDCA <camt.070.001.01> correctly treated by participant ☐ • *Optional:* MT900 (containing DCA credited from Rel.10.0) or BanktoCustomerDebitNotification <camt.054.001.06> correctly treated by participant at opening of Night Time Settlement and execution of SO ☐ Comment:
References	UDFS I/2.9.3.1.1 I/ 9.2.7.1.1 (SO missing on V7.0) and IV/6.12.1 IV/6.5.31 ICM-UHB I/6.1.2.4 XML: ModifyStandingOrderDCA and Receipt

Authorisation test cases (taking place on the T2S platform, in the TARGET2 legal perimeter)

Test ID	**IOP-T2SI-150**
Function	Enter at T2S GUI (U2A) an immediate liquidity transfer from one DCA to another DCA of the same payment bank in
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• Privilege Code for a sending an immediate liquidity transfer : CAM_Send New Liquidity Transfer • Sufficient liquidity on T2S DCA
Description	The User generates a new liquidity transfer via T2S GUI. Therefore the user have to go to the screen Cash>>Liquidity>>Immediate liquidity Transfer>> Immediate liquidity Transfer Details>> New Immediate Liquidity Transfer ,fill in the following fields and push the button "submit"

Field	***Description***
Account Number Debit Cash Account	Cash Account number that has to be debited, if the user have only the privilige for 1 DCA the field will be already filled.
User Reference	Enter the identification of the immediate liquidity transfer max 35 characters
amount	Amount that should be transfered
Internal liquidity transfer	Select the button to choose an internal liquidity transfer
T2S Dedicated Cash account	T2S DCA account number from the same payment bank that has to be credited.

Expected results	• Participant to enter an immediate liquidity transfer at T2S GUI☐ • Comment:
References	T2S UDFS 2.13. T2S-UHB 2.3.2.5

Test ID	**IOP-T2SI-160**
Function	Enter at T2S GUI (U2A) an immediate liquidity transfer from one DCA to another DCA of another payment bank in T2S
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• Privilege Code for a sending an immediate liquidity transfer : CAM_Send New Liquidity Transfer • Sufficient liquidity on T2S DCA
Description	The User generates a new liquidity transfer via T2S GUI. Therefore the user have to go to the screen Cash>>Liquidity>>Immediate liquidity Transfer>> Immediate liquidity Transfer Details>> New Immediate Liquidity Transfer ,fill in the following fields and push the button "submit"

Field	***Description***
Account Number Debit Cash Account	Cash Account number that has to be debited, if the user have only the privilige for 1 DCA the field will be already filled.
User Reference	Enter the identification of the immediate liquidity transfer max 35 characters
amount	Amount that should be transfered
Internal liquidity transfer	Select the button to choose an internal liquidity transfer
T2S Dedicated Cash account	T2S DCA number from another payment bank that has to be credited.

Expected results	• Participant to enter an immediate liquidity transfer at GUI ☐ • Participant able to treat the Receipt message notifying the error code LLCI008 ☐ • Participant able to threat the negative notification ☐ Comment:
References	T2S UDFS 2.13. T2S-UHB 2.3.2.5

Test ID	**IOP-T2SI-170**
Function	Enter via U2A at T2S GUI an immediate liquidity transfer from one DCA to a linked RTGS account in T2.
Test category	COUS; MAND for users having DCA connected to RTGS or having to make transfers to T2S
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• Privilege Code for a sending an immediate liquidity transfer : CAM_Send New Liquidity Transfer • Sufficient liquidity on T2S DCA
Description	The User generates a new liquidity transfer via T2S GUI. Therefore the user has to navigate to the screen Cash>>Liquidity>>Immediate liquidity Transfer>> Immediate liquidity Transfer Details>> New Immediate Liquidity Transfer Fill in the following fields and push the button "submit"

Field	***Description***
Account Number Debit Cash Account	Cash Account number that has to be debited; if the user has only the privilige for one (1) DCA the field will be already filled
User Reference	Enter the identification of the immediate liquidity transfer max. 35 characters
amount	Amount that should be transfered
Outbound liquidity transfer	Select the button to choose an outbound liquidity transfer
Account number	T2 RTGS account number from the same payment bank that has to be credited.

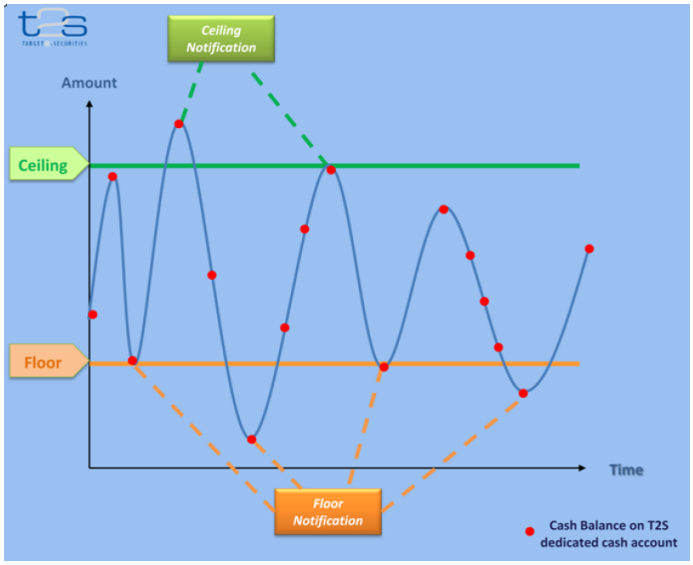
Expected results	• Participant to enter an immediate liquidity transfer at GUI ☐ • Participant's DCA debited and RTGS account credited ☐ • Participant able to threat the notification ☐
	Comment:
References	T2S-UHB 3.5.1.1 T2S-UDFS 3.3.3.13

Test ID	**IOP-T2SI-180**
Function	Exceeding the upper threshold (ceiling limit) and receiving a ceiling notification
Test category	COUS
Apply to	
Phase of the business day	Day trade
Pre-conditions	• Owning the following privileges: DCQ_T2SDedicCashAccRefer-DataQuery DCA_DeleteT2SDedicatedCashAccount • Liquidity on DCA should be below the ceiling amount at the beginning of the testcase

Description

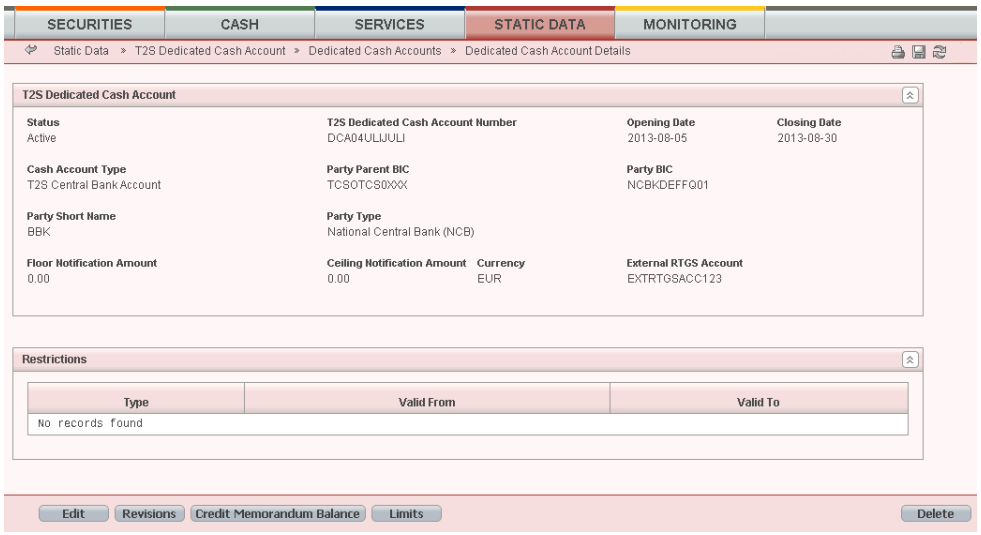
Generally:

In case a posting results in a balance exceeding the defined ceiling limit T2S sends an appropriate notification to the T2S Actor concerned stating the balance. Also cash balances, which meet exactly the Floor-/Ceiling amount result in a notification.



- up the "Dedicated Cash Account Details"

Static Data >> T2S Dedicated Cash Accounts >> T2S Dedicated Cash Accounts >> T2S dedicated cash accounts – search/list screen >> Click on the details button



- Click on the "Edit" Button to enter a ceiling amount – for example 1.000 €
- Initiate a debit of the DCA > 1.000 € (to make sure the account balance will exceed the ceiling amount of the DCA)

Expected results

- Ability to receive a ceiling notification (camt.004.001.07 ReturnAccount)

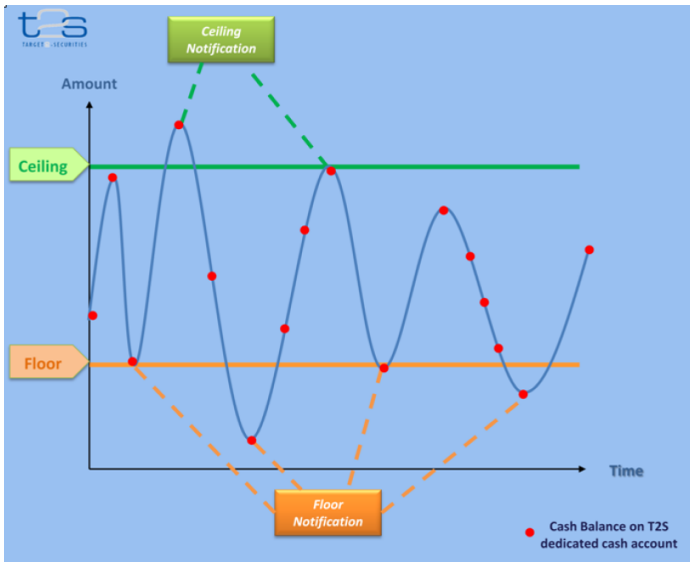
References

T2S UDFS 1.6.2.7.3 Liquidity monitoring process
T2S-UHB 2.5.4.16 T2S Dedicated Cash Account - Details Screen

Test ID	**IOP-T2SI-190**
Function	Falling below the lower threshold (floor limit) and receiving a floor notification
Test category	COUS
Apply to	
Phase of the business day	Day trade
Pre-conditions	• Owning the following privileges: DCQ_T2SDedicCashAccRefer-DataQuery DCA_DeleteT2SDedicatedCashAccount • Liquidity on T2S DCA at the beginning should be higher than the floor amount • Inserted Liquidity Transfer should decrease the DCA-Balance below the floor amount

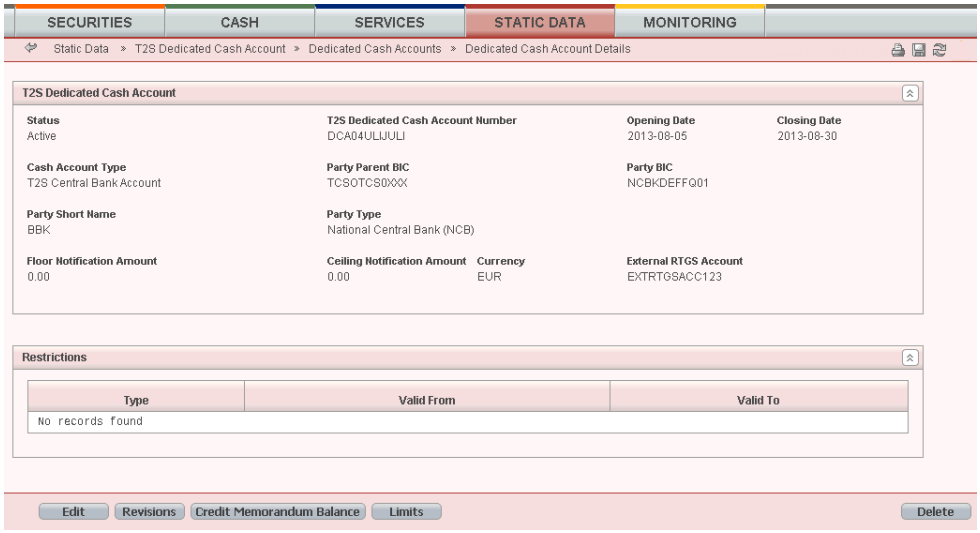
Description

Generally: In case a posting results in a balance exceeding the balance falls under the defined floor limit, T2S sends an appropriate notification to the T2S Actor concerned stating the balance. Also cash balances, which meet exactly the Floor-/Ceiling amount result in a notification



- up the "Dedicated Cash Account Details"

Static Data >> T2S Dedicated Cash Accounts >> T2S Dedicated Cash Accounts >> T2S dedicated cash accounts – search/list screen >> Click on the details button



- Click on the "Edit" Button to enter a floor amount – for example 100 €
- Initiate a debiting Liquidity Transfer of the DCA > 100 € (to make sure the account balance will fall below the floor amount of the DCA)

Expected results

- Ability to receive a floor notification (camt.004.001.07 ReturnAccount)

References

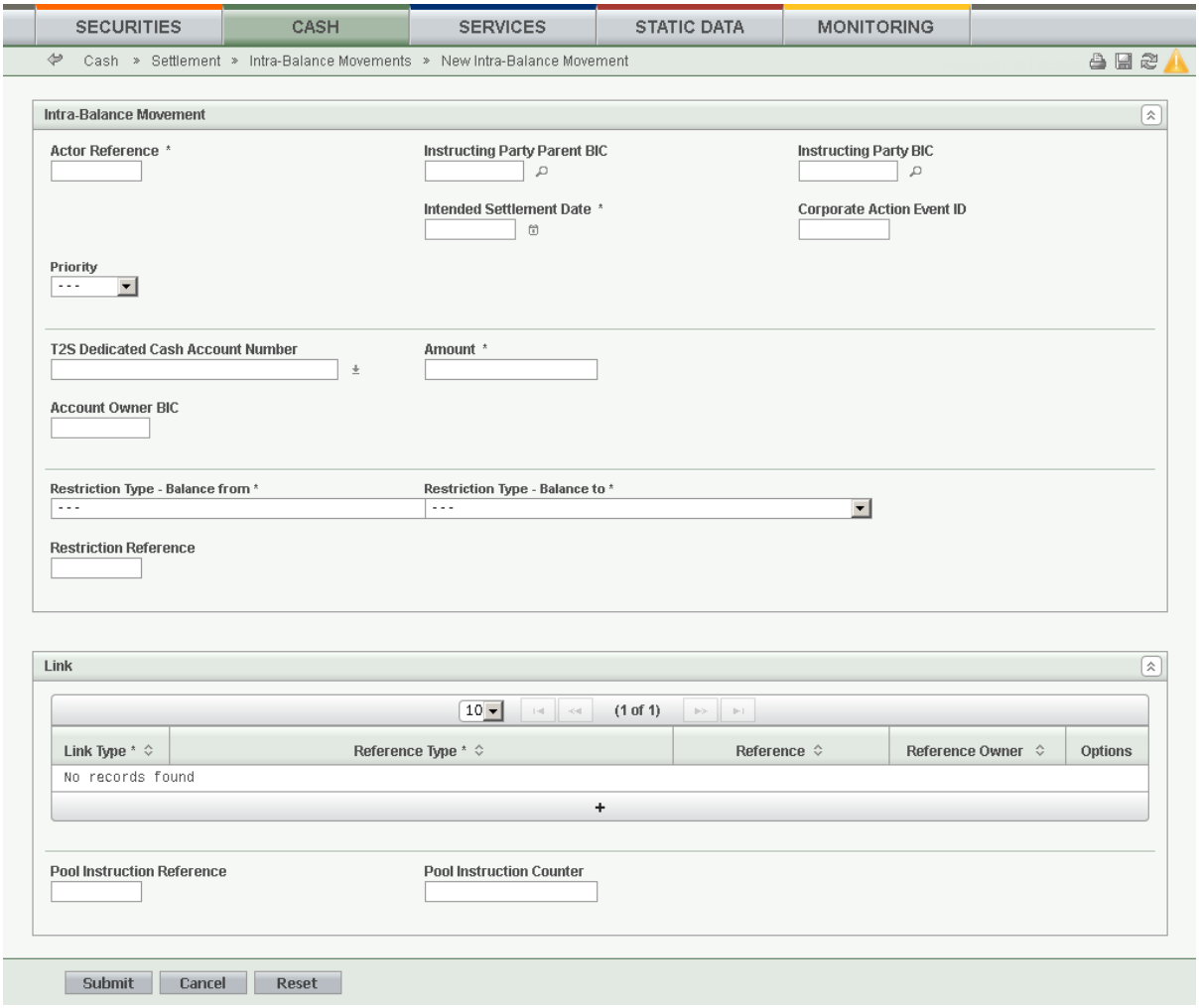
T2S UDFS 1.6.2.7.3 Liquidity monitoring process
T2S-UHB 2.5.4.16 T2S Dedicated Cash Account - Details Screen

Test ID	**IOP-T2SI-200**
Function	Insert an Intra Balance Movement Instruction with blocking tack
Test category	OPT
Apply to	DCAH
Phase of the business day	Day trade
Pre-conditions	• The DCAH has the privilege Codes for a sending an Intra Balance Movement Instruction : CAM_SNDRC CAM_UCBBI SIG_LIPRP SIG_SIUIP • Sufficient liquidity on T2S DCA

Description The user is creating an Intra Balance Movement Instruction via U2A by inserting all needed data including blocking as restriction type in the Intra-balance movements– new/edit screen

(Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements with current and historical status – search screen >> Click on the new button)

Further a specific DVP-Transaction can be chosen.



or alternatively by creating a camt.066 (A2A) with blocking tack (BLCK), all requested data and inserting message into the system

Expected results

- Ability to create an intra balance movement.
- In U2A: the reserved amount to be checked via navigating to the screen "Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements– search/list screen" and inserting the needed search criteria. After clicking the button "Search" the inserted settlement restriction should occur
- In A2A: Camt.067 notification (Intra Balance Movement Status Advice showing the actual/inserted settlement restriction (blocking) correctly handled in the back office application ☐

Comment:

References T2S UDFS 2.3.3.20
T2S-UHB 2.3.3.7

Test ID	**IOP-T2SI-210**
Function	Insert an Intra Balance Movement Modification Request (Camt.072) with blocking tack
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• Privilege Codes for a sending an Amendment Instruction: SIG_LIPRP CAM_ASRCA SIG_SIUIP • Sufficient liquidity on T2S DCA if the blocked amount should be increased.
Description	The user is creating an Intra Balance Movement Modification Request via U2A by inserting all needed data in the Intra-balance movements– new/edit screen (Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements – search/list screen >> Click on the search button >> Intra-balance movements – search/list screen >> Click on the details button >>Intra-balance movement - details screen >> Click on the amendment instruction button) or alternatively by creating a camt.072 (A2A) with blocking tack (BLCK), all requested data and inserting message into the system
Expected results	• Receiving a Camt.073 (Intra Balance Movement Modification Request Status Advice) with information about the actual status of an Amendment Instruction of a Settlement Restriction ☐ • In addition the blocked amount could be checked via navigating to the screen "Cash >> Settlement >> Maintenance Cash Instructions >> Maintenance cash instructions – search/list screen >> Click on the search and/or details button" and inserting the needed search criteria. After clicking the button "Search" the inserted Amendment instruction should occur. • Ability to modify blocking of cash (camt.072) Comment:
References	T2S UDFS 2.3.3.26 T2S-UHB 2.3.3.2

Test ID	**IOP-T2SI-220**
Function	Insert an Intra Balance Movement Cancellation Request (Camt.074)
Test category	OPT
Apply to	DCAH
Phase of the business day	Day trade
Pre-conditions	• The DCAH has the privilege Codes for a sending a Cancellation Instruction: SIG_SIUIP CAM_CSRCA DDQ_CancInstrIn-tra-PosMo-vAudTr-LisQ • Previously initiated Intra Balance Movement (Blocking)
Description	The user is creating a Cancellation Instruction via U2A by inserting all needed data in the Cancellation Instruction– new/edit screen (Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements – search/list screen >> Click on the search button >> Intra-balance movements – search/list screen >> Click on the details button >> Intra-balance movement - details screen >> Click on the cancellation instruction button) or alternatively by creating a camt.074 (A2A), all requested data and inserting message into the system
Expected results	• Ability to Cancel cash reservation • In U2A: the amount can be checked via navigating to the screen "Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements– search/list screen" and inserting the needed search criteria. After clicking the button "Search" the inserted Cancellation Instruction should occur. • In A2A: Receiving a Camt.075 which informs about the status of a Cancellation Instruction of a Settlement Restriction on Cash. ☐ Comment:
References	T2S UDFS 3.3.3.28 T2S-UHB 2.3.3.4

Test ID	**IOP-T2SI-230**

Function	Insert an Intra Balance Movement Instruction with reservation tack
Test category	COUS
Apply to	DCAH
Phase of the business day	Day trade
Pre-conditions	• The DCAH has the privilege Codes for a sending an Intra Balance Movement Instruction : CAM_SNDRC CAM_UCBBI SIG_LIPRP SIG_SIUIP • Sufficient liquidity on T2S DCA if the whole amount of the camt.066 should be reserved
Description	The user is creating an Intra Balance Movement Instruction via U2A by inserting all needed data in the Intra-balance movements– new/edit screen. Further a specific DVP-Transaction can be chosen U2A as well as A2A. or alternatively by creating a camt.066 (A2A) with reservation tack (RSVT), all requested data and inserting message into the system
Expected results	• Ability to create an intra balance movement. • In U2A: the reserved amount to be checked via navigating to the screen "Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements– search/list screen" and inserting the needed search criteria. After clicking the button "Search" the inserted settlement restriction should occur • In A2A: Camt.067 notification (Intra Balance Movement Status Advice showing the actual/inserted settlement restriction (reservation) correctly handled in the back office application ☐ Comment:
References	T2S UDFS 2.3.3.20 T2S-UHB 2.3.3.7

Test ID	**IOP-T2SI-240**
Function	Insert an Intra Balance Movement Modification Request (Camt.072) with reservation tack
Test category	MAND
Apply to	DP, MAP
Phase of the business day	Day trade
Pre-conditions	• Privilege Codes for a sending an Amendment Instruction: SIG_LIPRP CAM_ASRCA SIG_SIUIP • Sufficient liquidity on T2S DCA if the reserved amount should be increased.
Description	The user is creating an Intra Balance Movement Modification Request via U2A by inserting all needed data in the Intra-balance movements– new/edit screen (Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements – search/list screen >> Click on the search button >> Intra-balance movements – search/list screen >> Click on the details button >>Intra-balance movement - details screen >> Click on the amendment instruction button) or alternatively by creating a camt.072 (A2A) with reservation tack, all requested data and inserting message into the system
Expected results	• Receiving a Camt.073 (Intra Balance Movement Modification Request Status Advice) with information about the actual status of an Amendment Instruction of a Settlement Restriction ☐ • In addition the reserved amount could be checked via navigating to the screen "Cash >> Settlement >> Maintenance Cash Instructions >> Maintenance cash instructions – search/list screen >> Click on the search and/or details button" and inserting the needed search criteria. After clicking the button "Search" the inserted Amendment instruction should occur. • Ability to modify reservation of cash (camt.072) Comment:
References	T2S UDFS 2.3.3.26 T2S-UHB 2.3.3.2

Test ID	**IOP-T2SI-250**
Function	Insert an Intra Balance Movement Cancellation Request (Camt.074)
Test category	OPT
Apply to	DCAH
Phase of the business day	Day trade
Pre-conditions	• The DCAH has the privilege Codes for a sending a Cancellation Instruction: SIG_SIUIP CAM_CSRCA DDQ_CancInstrIntra-PosMo-vAudTr-LisQ • Previously initiated Intra balance Movement (Reservation)
Description	The user is creating an Cancellation Instruction via U2A by inserting all needed data in the Cancellation Instruction– new/edit screen (Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements – search/list screen >> Click on the search button >> Intra-balance movements – search/list screen >> Click on the details button >> Intra-balance movement - details screen >> Click on the cancellation instruction button) or alternatively by creating a camt.074 (A2A), all requested data and inserting message into the system
Expected results	• Ability to Cancel cash reservation • In U2A: the amount can be checked via navigating to the screen "Cash >> Settlement >> Intra-Balance Movements >> Intra-balance movements– search/list screen" and inserting the needed search criteria. After clicking the button "Search" the inserted Cancellation Instruction should occur. • In A2A: Receiving a Camt.075 which informs about the status of a Cancellation Instruction of a Settlement Restriction on Cash. ☐ Comment:
References	T2S UDFS 3.3.3.28 T2S-UHB 2.3.3.4

Test ID	**IOP-T2SI-260**
Function	Release of unused Cash restriction (reservation, blocking) initiated by T2S (camt.068)
Test category	OPT
Apply to	DCAH
Phase of the business day	EoD
Pre-conditions	• The following privileges for receiving a camt.068 are needed: - Create report configuration - Report list query - Report configuration details query Existing of unused restrictions (blocking, reservation)
Description	Firstly the user has to insert money on the DCA (U2A or A2A via Camt.050). Secondly some intra balance movements have to be inserted into the system. Finally one has to wait for the EoD.
Expected results	• Ability to cope with release of unused Cash restriction (reservation, blocking) initiated by T2S (camt.068) • In A2A: Receiving a Camt.068 automatically trigger by the system which confirms the successful processing of a Settlement Restriction on Cash Balance. (For the above example the result should be as follows: partially settlement of the reservation (1000€ settled, 200€ not settled; 300€ blocking position not settled) ☐ Comment:
References	T2S UDFS 3.3.3.22 T2S-UHB 2.3.3.5

Test ID	**IOP-T2SI-270**
Function	Setup of static data to allow redistribution of liquidity on RTGS
Test category	OPT
Apply to	DCAH
Phase of the business day	Day trade
Pre-conditions	• The following privileges for receiving a camt.067 are needed: DDQ_T2SDCABal-anDetailedRestricQuery • Existing linked DCA and RTGS-Account

Description The user has to navigate to the Standing/Predefined Liquidity Transfer Order – New/Edit Screen (Static Data >> T2S Dedicated Cash Accounts >> Liquidity Transfer Orders >> Standing/Predefined liquidity transfer orders – se-arch/list screen >> Click on the new button)

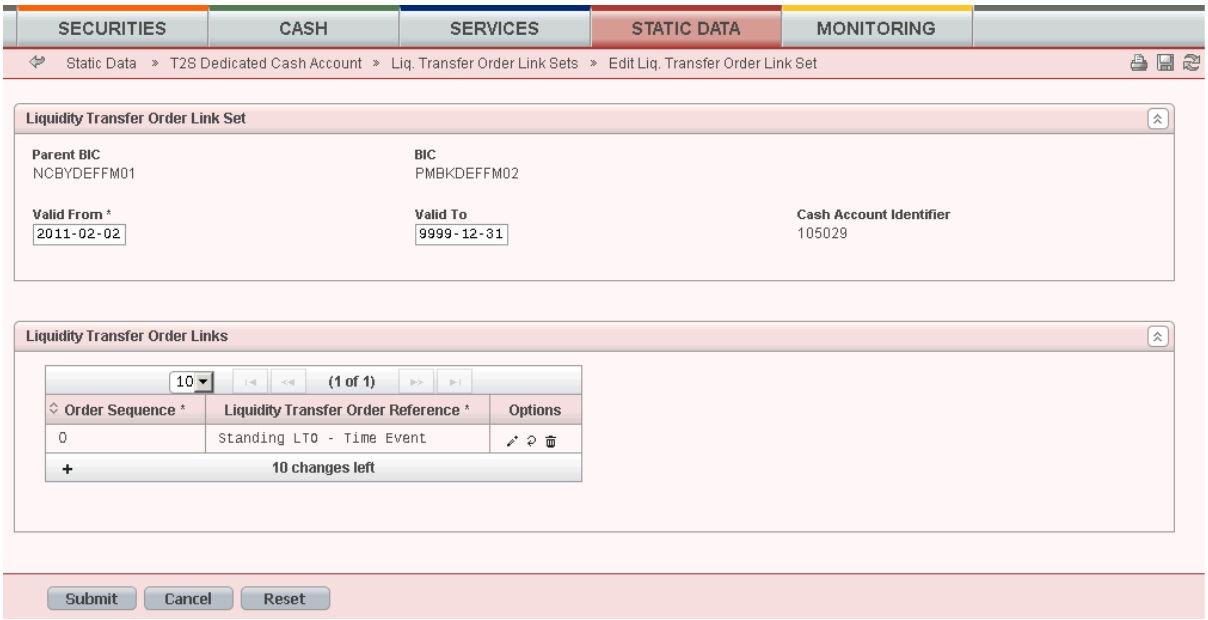
Inserting a first Standing Liquidity Order with DCA1 and RTGS-Account1

Inserting a second Standing Liquidity Order with DCA1 and RTGS-Account2

Inserting a third Standing Liquidity Order with DCA1 and RTGS-Account3

After that the user has to navigate to the Liquidity Transfer Order Link Set (Static Data >> T2S Dedicated Cash Account >> Liquidity Transfer Order Link Sets >> Liquidity transfer order link sets - se-arch/list screen >> Click on the new or edit button)

After inserting the parent and party BICs the user has to click on the "+" and insert the previously inserted Standing Liquidity Orders in the order they should be executed.



Expected results

- setup of static data to allow redistribution of liquidity on RTGS
- ability to cope with liquidity transfer of the end of the day.
- The Standing Liquidity Orders have to be executed by the system in the order defined in the Liquidity transfer order link set to allow redistribution of liquidity on the different RTGS-Accounts.☐

Comment:

References T2S UDFS 3.3.3.21

T2S-UHB 2.3.3.5

TARGET2 Interoperability test cases related to TIPS interface

Introduced with release 12.0 of 19 November 2018

Test ID	**IOP-TIPS-100a (test case introduced with release 12.0)**
Function	Liquidity transfer from RTGS to TIPS DCA linked with LM, made via ICM/U2A
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period)
Pre-conditions	• RBAC profile: CULIQUTE/FE • Sufficient liquidity on RTGS account
Description	The user generates **(on ICM)** and sends a Liquidity Transfer, with all mandatory fields in favour of a TIPS DCA linked with LM link. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	TIPS DCA linked with LM link
Amount	Not greather than the balance on RTGS account

If Four Eyes mode, the transaction must be validate to be settled.

Expected results	• User is able to select the targeted TIPS DCA • After Liquidity transfer, user is able to receive and treat the (optional) delivery notification if user opts for ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-100b (test case introduced with release 12.0)**
Function	Liquidity transfer from RTGS to TIPS DCA not linked with LM, made via ICM/U2A
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period)
Pre-conditions	• RBAC profile: CULIQUTE/FE • Sufficient liquidity on RTGS account
Description	The user generates **(on ICM)** and sends a Liquidity Transfer, with all mandatory fields in favour of a TIPS DCA linked with LM link. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	TIPS DCA not linked with LM link
Amount	Not greather than the balance on RTGS account

If Four Eyes mode, the transaction must be validate to be settled.

Expected results	• User is able to select the targeted TIPS DCA (not linked by LM link) • After Liquidity transfer, user is able to receive and treat the (optional) delivery notification if user opts for ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-110 (test case introduced with release 12.0)**
Function	Liquidity transfer from RTGS to TIPS DCA linked with LM or not, made via A2A
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profile: A2A profile • Sufficient liquidity on RTGS account
Description	The user generates and sends a LiquidityCreditTransfer camt.050.001.04, with all mandatory fields in favour of a TIPS DCA linked with LM link. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	TIPS DCA linked or not with LM link
Amount	Not greather than the balance on RTGS account

Expected results	• User is able to send valid A2A message camt.050 • After Liquidity transfer, user is able to receive and treat the Positive Receipt camt.025.001.04 one TARGET2 received it from TIPS ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-120a (test case introduced with release 12.0)**
Function	Liquidity transfer from RTGS to TIPS DCA linked with LM or not, made via A2A (insufficient liquidity on RTGS account during and until the end of the daylight phase).
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade (07:00-18:00)
Pre-conditions	• RBAC profile: A2A profile • Insufficient liquidity on RTGS account
Description	The user generates and sends a Liquidity Transfer camt.050.001.04, with all mandatory fields in favour of a TIPS DCA linked with LM link. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	TIPS DCA linked with or not LM link
Amount	Not greather than the balance on RTGS account

Expected results	• User is able to send valid A2A message camt.050.001.04 • User is able to monitor the status of its liquidity transfer pending before the end of the daylight phase • User is able to receive the Negative Receipt camt.025.001.04 generated by TARGET2. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-120b (test case introduced with release 12.0)**
Function	Liquidity transfer from RTGS to TIPS DCA linked with LM or not, made via A2A during Night-time settlement (insufficient liquidity on RTGS account, message rejected immediately).
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Night-time phase (19:30-07:00)
Pre-conditions	• RBAC profile: A2A profile • Insufficient liquidity on RTGS account
Description	The user generates and sends a Liquidity Transfer camt.050.001.04, with all mandatory fields in favour of a TIPS DCA linked with LM link. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	TIPS DCA linked or not with LM link
Amount	Not greather than the balance on RTGS account

Expected results	• User is able to send valid A2A message camt.050.001.04 • User is able to select the targeted TIPS DCA • User is able to receive the Negative Receipt camt.025.001.04 generated by TARGET2. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-130 (test case introduced with release 12.0)**
Function	Invalid Liquidity transfer from RTGS to TIPS DCA linked with LM or not, made via A2A during Night-time settlement (message rejected by TIPS).
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day-light or Night-time phase
Pre-conditions	• RBAC profile: A2A profile • Insufficient liquidity on RTGS account
Description	The user generates and sends a Liquidity Transfer camt.050.001.04, with all mandatory fields in favour of a TIPS DCA linked with LM link. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	Invalid TIPS DCA
Amount	Not greather than the balance on RTGS account

If Four Eyes mode, the transaction must be validate to be settled.

Expected results	• User is able to send valid A2A message camt.050.001.04 • User is able to select the targeted TIPS DCA • User is able to receive the Negative Receipt camt.025.001.04 generated by TARGET2 including the error code generated by TIPS. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-140 (test case introduced with release 12.0)**
Function	Reception of Optional Debit notification following successful execution of a current liquidity transfer from TARGET2 to TIPS, or resulting from a standing order liquidity transfer made via A2A.
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day-light or Night-time phase
Pre-conditions	• RBAC profile: A2A profile • Sufficient liquidity on RTGS account
Description	A Liquidity Transfer camt.050.001.04, with all mandatory fields in favour of a TIPS DCA linked with LM link is generated, with either a Standing order or a Current order. Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	Valid TIPS DCA
Amount	Not greather than the balance on RTGS account

Expected results	• User is able to select the targeted TIPS DCA • User is able to receive the positive Receipt camt.025.001.04 generated by TARGET2. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-150 (test case introduced with release 12.0)**
Function	Set up of Standing order Liquidity transfer from RTGS to TIPS DCA, made via ICM/U2A
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement
Pre-conditions	• RBAC profile: CULIQUTE/FE
Description	The user generates **(on ICM)** a Standing order liquidity transfer to TIPS using the screen "Addition of Display and Enter Standing Order to TIPS accounts". Specific details of the message:

Field	***Description***
Sender	RTGS account holder
Receiver	TIPS DCA linked or not with LM link
Amount	Any

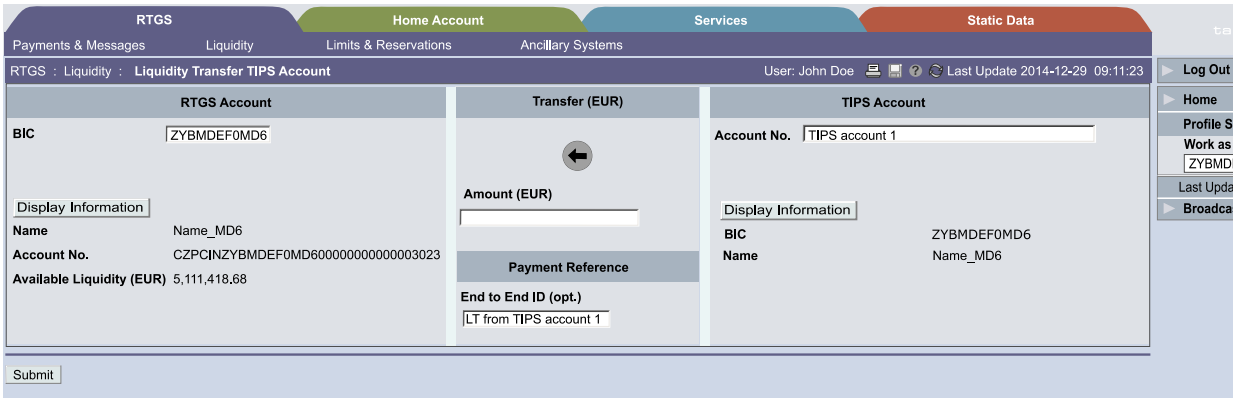
	If Four Eyes mode, the transaction must be validate to be settled.
Expected results	• User is able to input the Standing order in U2A • After execution of Liquidity transfer, user is able to receive and treat the (optional) delivery notification if user opts for ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-160 (test case introduced with release 12.0)**
Function	Reception of Incoming Liquidity transfer from TIPS DCA
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profile: U2A
Description	The user receives liquidity on its RTGS account from TIPS a LiquidityCreditTransfer by means of a camt.050 (if opted for). Specific details of the message:

Field	***Description***
Sender	TIPS transit account
Receiver	RTGS of the user
Amount	Any

Expected results	• User is able to receive and treat the valid A2A message camt.050.001.04 notifying the incoming liquidity transfer Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-170a (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in U2A
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profile: CULIQUTE/FE
Description	The user pulls liquidity from a selected TIPS account linked by LM link. Specific details of the message:



Expected results	• • User is able to select the appropriate TIPS DCA on ICM/U2A via the drop-down list • User is able to receive and treat the optional LiquidityCreditTransfer (camt.50.001.04) Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-170c (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in A2A (positive test case)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A
Description	The user sends a pull liquidity transfer via a camt.050.001.04 message to TARGET2, message that will not trigger any booking process directly in TARGET2 but will be transmitted after validation to TIPS where the settlement occurs.
Expected results	• User is able to receive and treat the optional LiquidityCreditTransfer (camt.50.001.04) Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-170d (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in A2A validated positively in TARGET2 but failing validation on TIPS (negative test case)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A • LM link RTGS/TIPS DCA used for the test established • The A2A message sent to TIPS will contain values that will trigger its rejection. They are one of the following or any combination of them: - Access Rights check; - Instructing Party authorised; - LT Amount Check; - Debtor and Debtor Account existence; - Debtor and Debtor Account not blocked; - Currency Check
Description	The user sends a pull liquidity transfer via a camt.050.001.04 message to TARGET2, message that will not trigger any booking process directly in TARGET2 but will be validated in TARGET2. The message will pass successfully the validation in TARGET2 but will fail validation in TIPS.TIPS will notify with a camt.025 the validation failure.
Expected results	• User is able to receive and treat the negative notification (camt.025) from TIPS Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-170e (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA in A2A, with invalid RTGS account (negative test case)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A
Description	The user sends an invalid A2A pull liquidity transfer via a camt.050.001.04 to TARGET2, with RTGS account not defined.
Expected results	• User is able to receive and treat the negative ack (camt.050.001.04) from TARGET2 Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

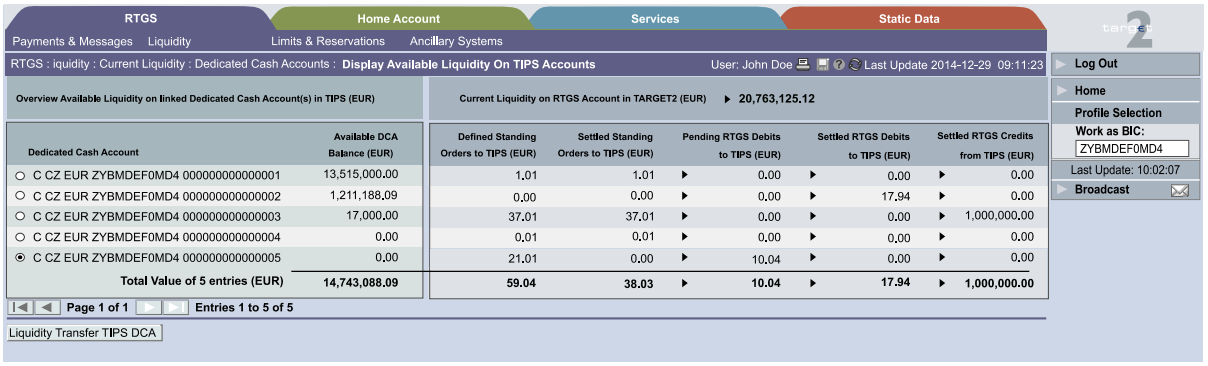
Test ID	**IOP-TIPS-170f (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in A2A (negative test case, invalid DCA)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A • Invalid A2A message (invalid TIPS DCA)
Description	The user sends an invalid pull liquidity transfer via a camt.050.001.04 message to TARGET2 (TIPS DCA nof defined in TIPS).
Expected results	• User is able to receive and treat the negative acknowledgment (camt.50.001.04) from TARGET2 and the error code provided by TIPS in the same message. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-170g (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in A2A (negative test case, DCA not linked to RTGS via LM link)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A • A2A message containing DCA not linked to RTGS via LM link
Description	The user sends an invalid pull liquidity transfer via a camt.050.001.04 message to TARGET2.
Expected results	• TIPS will not settle the instructions but will send a negative notification • User is able to receive and treat the negative notification (camt.50) from TARGET2 and the error code provided by TIPS in the same message. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-170h (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in A2A (negative test case, response from TIPS contains a non SWIFT character)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A • A2A message containing DCA linked to RTGS via LM link
Description	The user sends a valid pull liquidity transfer via a camt.050.001.04 message to TARGET2 that is sent to TIPS where settlement takes place. In the A2A message from TIPS contains a non SWIFT character. The SSP operator must intervene to close the case
Expected results	• User is able to send a valid pull liquidity transfer instruction in A2A • User is able to receive and treat the positive notification (optional). Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

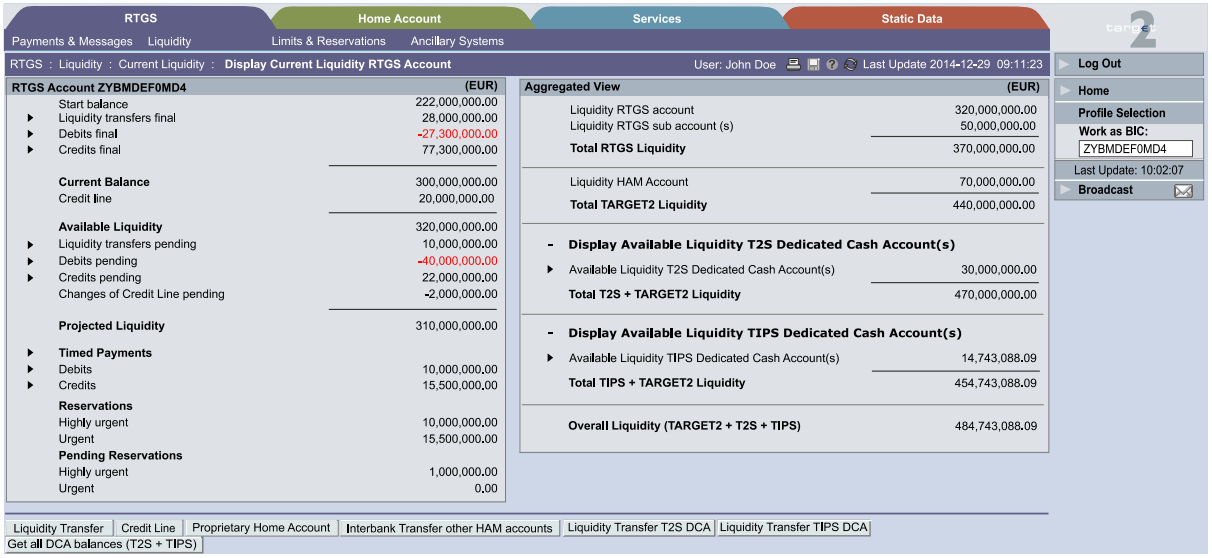
Test ID	**IOP-TIPS-170i (test case introduced with release 12.0)**
Function	Pull liquidity transfer from TIPS DCA linked with LM link initiated in A2A (negative test case, invalid funds on TIPS DCA)
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profileA2A • A2A message containing DCA linked to RTGS via LM link
Description	The user sends a valid pull liquidity transfer via a camt.050.001.04 message to TARGET2 that is sent to TIPS where settlement takes place. The amount is the settlement instruction is higher than the available funds on the TIPS DCA.
Expected results	• User is able to send a valid pull liquidity transfer instruction in A2A • User is able to receive and treat the negative notification (optional) stating the rejection of the settlement instruction. Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-200 (test case introduced with release 12.0)**
Function	TIPS DCA monitoring of available liquidity (U2A) from ICM on DCA connected with RTGS with LM links
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profile: CULIQUTE/FE; at least one DCA TIPS account is linked to RTGS account
Description	The user selects the "Display available liquidity on TIPS account"screen.



Expected results	User is able to select the appropriate TIPS DCA on ICM/U2A via the drop-down list User is able to identify: • aggregated RTGS liquidity information • liquidity of each TIPS account(s) linked to the RTGS account via LM link • settled standing orders to TIPS • pending and settled liquidity transfers to TIPS accounts, i.e. RTGS debits to TIPS • settled liquidity transfers from TIPS account, i.e. RTGS credits from TIPS Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-210 (test case introduced with release 12.0)**
Function	Monitoring of the TIPS DCA account(s) linked to an RTGS account with LM links from TARGET2 ICM/U2A
Test category	COUS
Apply to	DP, MAP
Phase of the bus day	Day trade and night-time settlement (not during maintenance period)
Pre-conditions	• RBAC profile: CULIQUTE/FE • One or up to 10 TIPS DCA is (are) linked to an RTGS account of the user that will be monitored
Description	The user access the "Display Current Liquidity RTGS account" screen:

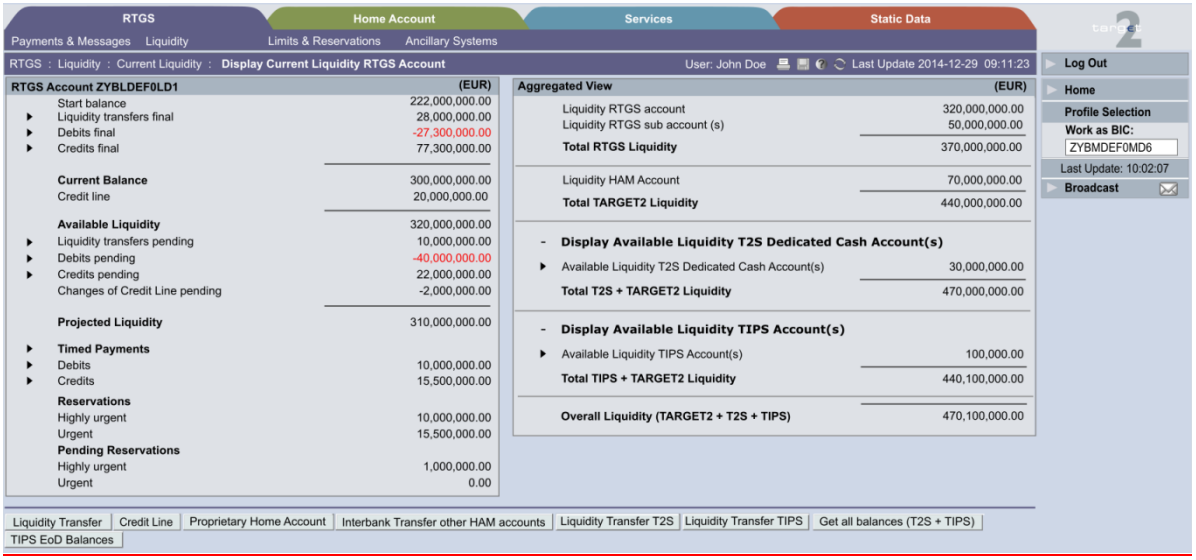


Expected results	• User is able to retrieve the balance information about its TIPS DCA ☐ • User is able to retrieve the balance of the DCA in one shot from T2S and TIPS with the button « Get alDCA balances (T2S + TIPS)
	Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-220 (test case introduced with release 12.0)**
Function	Monitoring of the TIPS DCA account(s) linked to an RTGS account with LM links from TARGET2 ICM/A2A (positive test case)
Test category	COUS
Apply to	DP, MAP
Phase of the bus day	Day trade and night-time settlement (not during maintenance period)
Pre-conditions	• RBAC profile: CULIQUTE/FE • One or up to 10 TIPS DCA is (are) linked to an RTGS account of the user that will be monitored
Description	The user queries TIPS balances of their linked TIPS account via the A2A interface of TARGET2 with a camt.003.001.06 GetAccount message in real-time mode
Expected results	• The TARGET2 participant is able to query one or multiple accounts within one query towards the TIPS interface of TARGET2 (up to the maximum number of LM links defined in the SSP Parameters). TARGET2 will separate the multiple query and send single balance queries to TIPS. The single TIPS responses will be summarised by TARGET2 and send as a single response to the TARGET2 participant via camt.004 ReturnAccount message ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-230 (test case introduced with release 12.0)**
Function	Monitoring of the TIPS DCA account(s) linked to an RTGS account with LM links from TARGET2 ICM/A2A (negative test case)
Test category	COUS
Apply to	DP, MAP
Phase of the bus day	Day trade and night-time settlement (not during maintenance period)
Pre-conditions	• RBAC profile: CULIQUTE/FE • One or up to 10 TIPS DCA is (are) linked to an RTGS account of the user that will be monitored
Description	The user queries the TIPS balances of their linked TIPS account via the A2A interface of TARGET2 with a camt.003.001.06 GetAccount message in real-time mode, with an error in at least one TIPS response, no result will be sent to TARGET2. The error will be reported in the A2A response to the requesting TARGET2 participant.
Expected results	• The TARGET2 participant is able to send the camt.003 Get Account A2A message☐ • The TARGET2 participant is able is receive and treat the error response ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1

Test ID	**IOP-TIPS-240 (test case introduced with release 13.0)**
Function	TIPS DCA monitoring of **EOD** available liquidity (U2A) from ICM on DCA connected with RTGS with LM links
Test category	COUS
Apply to	DP, MAP
Phase of the business day	Day trade and night-time settlement (not during maintenance period 22:00-01:00)
Pre-conditions	• RBAC profile: CULIQUTE/FE; at least one DCA TIPS account is linked to RTGS account
Description	The user selects the "Display TIPS EOD balances" screen.



Expected results	User is able to identify the aggregated TIPS liquidity information in relation with the selected RTGS account ☐ Comment:
References	UDFS I/2.10.2.1 ICM-UHB: 6.1