# ECMS - Triparty Collateral Management (ISO 15022 format) Client Test Guide Retesting Cycle 3 24 February to 21 March 2025

January 2025 Clearstream Banking

Document number: 7515

January 2025

Information in this document is subject to change without prior notice.

Information in this document may not be reproduced or transmitted in any form or for any purpose, other than for intended business use, without the express written consent of Clearstream Banking. Clearstream Banking in this document refers collectively to Clearstream Banking S.A. (CBL) and Clearstream Banking AG (CBF). Content of this document is subject to change from time to time with prior notice.

© Clearstream Banking (2025). All rights reserved.

Clearstream, CFF and Vestima are registered trademarks of Clearstream Services S.A.

## Contents

1.	Introduction	4
1.1	ECMS overview and impact on triparty collateral management for Deutsche Bundesbank and Banque Centrale de Luxembourg pledge	4
1.2	Content of this document	4
2.	Key information	5
3.	Client testing scope	6
4.	Preparation of testing environments	7
4.1	Test environment - Connectivity via Xact Web Portal (U2A)	7
4.2	Test environment - Connectivity via SWIFT (A2A)	8
4.3	Test environment - Connectivity via File Transfer	8
4.4	Test reporting	8
5.	Client testing and test calendar	10
5.1	ISINs for guided testing	11
5.2	Test cases	11
5.3	Pass criteria for the test cases	15
6.	Contacts	18
7.	Appendix	19
7.1	Xact Web Portal Collateral Management tutorials	19
7.2	Eligibility Check Report (TC01, TC02, TC06)	20
7.3	Cancel instruction (TC 05)	23
7.4	Reporting	24
7.5	Income proceeds	24
7.6	Swift Message templates for triparty instructions	25

# 1. Introduction

## 1.1 ECMS overview and impact on triparty collateral management for Deutsche Bundesbank and Banque Centrale de Luxembourg pledge

The European Central Bank (ECB) introduces the Eurosystem Collateral Management System (ECMS) to unify the management of collateral of National Central Banks across the Eurozone. Standardisation of collateral management in the Eurozone will advance the liquidity and automation potential.

This single Back-Office system will replace the 20 local collateral management systems of the National Central Banks (NCBs) which have adopted Euro currency.

Clearstream Banking clients using triparty services for pledge to Deutsche Bundesbank and to Banque Centrale du Luxembourg will be affected by the ECMS go live on 16 June 2025.

The impacts are the decommissioning of Xemac and the migration to Xact application during the go live weekend. As a result, triparty collateral management will be handled via Xact application or via MT527 in accordance with Clearstream Banking's Triparty Collateral Management Service (CmaX) Connectivity Guide. Also, new pledge accounts are required in T2S (requirement of ECB). No usage of CBF-i collateral accounts in Creation is possible after the migration. Furthermore, securities sub-accounts will be linked to a Bundesbank dedicated cash account (DCA), or a Banque Centrale du Luxembourg DCA. The consequence is a new process for corporate action proceeds handling as defined by ECMS/SCoRE. Coupon proceeds from pledged papers are initially paid to a Bundesbank/BCL DCA and upon green light retroceded to a client DCA on T2S.

To ease the transition for the affected clients Clearstream Banking is offering triparty re-testing during the period 24 February 2025 to 21 March 2025.

## 1.2 Content of this document

This client test guide describes the necessary scope and general framework for organising, preparing, and executing the client testing for Triparty Collateral Management resulting from the implementation of the ECMS platform. The purpose of this document is to ensure a smooth and efficient go-live for the enhancements in June 2025. It provides a common understanding and commitment of all involved stakeholders for the testing scope, testing execution, testing timeframe, and the test environment setup.

Furthermore, this guide describes how Clearstream Banking organises the testing of client-specific impacts linked to the ECMS implementation, by making the Clearstream Banking testing environments available to clients. This guide intends to provide clients with the testing requirements and guidance throughout the test execution. Clearstream Banking designed test cases that will be executed during the testing period.

# 2. Key information

The table below summarises the key information relating to the Triparty Collateral Management testing:

Test cycles	Cycle 3 Group A 24/02/2025 - 07/03/2025				
	Cycle 3 Group B 10/03/2025 – 21/03/2025				
Availability of the IMS23/OCCT Test	Monday 09:00 - 17:00 CET * tbc				
Environment	Tuesday 09:00 - 17:00 CET * tbc				
	Wednesday 09:00 - 17:00 CET * tbc				
	Thursday 09:00 - 17:00 CET * tbc				
	Friday 09:00 - 12:00 CET * tbc				
	Saturday not available.				
	Sunday not available.				
Scope	The aim of this client testing phase is:				
	<ul> <li>to ensure connectivity and a functional message exchange between Clearstream Banking and its clients for Triparty Collateral Management in the context of ECMS.</li> </ul>				
	<ul> <li>to support client readiness resulting from the migration from Xemac to Xact Web Portal.</li> </ul>				
Test connectivity	No change regarding ISO 15022 connectivity				
Connectivity channels	Xact via Swift				
	Xact via File Transfer				
	Xact Web Portal				
	For more information, please refer to <u>ClearstreamXact testing</u> <u>environment</u>				
Participation	Optional, but recommended				
Subscription	Please complete the test registration form available on the Clearstream Banking ECMS / SCoRE implementation web page and email it to <u>ECMS.Programme@clearstream.com</u> .				
Subscription deadline	31 May 2024				

<sup>&</sup>lt;sup>1</sup> The cut off times for the ECMS – OCCT connection are currently under review. The times mentioned in the above grid are subject to change.

# 3. Client testing scope

Clearstream Banking defined a client testing scope to validate the changes for clients resulting from the go-live of ECMS affecting the current processes for pledge to Bundesbank and to Banque Centrale du Luxembourg.

In addition, on the day of the ECMS go-live, the Xemac application will be decommissioned and collateral pledge to Deutsche Bundesbank and to Banque Centrale du Luxembourg will be handled via Xact Web Portal or via MT527 going forward. This guide aims to support clients with the migration from Xemac to Xact Web Portal.

This section provides the Triparty Collateral Management functionalities within the scope of the ECMS Programme that will be part of the client testing.

- Increase of a triparty transaction;
- Decrease of a triparty transaction;
- Revaluation of a triparty transaction;
- Coupon payment/retrocession;
- Cancellation of a triparty transaction;
- Unilateral removal process;
- Automatic collateral substitution due to ineligibility;
- Closure of a triparty transaction;
- Collateral reporting: regression/existing functionality.

# 4. Preparation of testing environments

Clients will be able to communicate with Clearstream Banking via the following connectivity channels:

- Xact via Swift;
- Xact Web Portal;
- Xact via File Transfer.

Even if clients will send their triparty instructions via Swift or File Transfer, access to Xact Web Portal will be provided for the test environment to assure access to reporting.

For a successful participation in the client testing, accounts and connectivity settings must be in place. Please contact the Connectivity Test Support team (<u>connect-test@clearstream.com</u>) if:

- The accounts and connectivity settings in the Xact Web Portal test environment must be verified.
- The client requires new connectivity or a new account in the Xact Portal test environment.
- Setup requirements related to client testing are missing.

Clearstream Banking will assure that sufficient fictive positions are available on the source accounts as well as events are created for specified ISINs to test the system behaviour linked to corporate actions and coupon payments.

In general, the settings used in the testing environment shall not deviate from production. If clients decide differently, they are required to reconfirm the settings in the testing environment and are requested to consider the risk that is imposed by executing test cases with deviating static data.

The default language of the reports transmitted in the testing environment is English. Clients cannot change these settings in the test environment.

## 4.1 Test environment - Connectivity via Xact Web Portal (U2A)

Clients can perform the entire testing via Xact Web Portal.

The Xact Web Portal U2A connectivity setup from the previous testing periods stored in the CBL test environment will be reused.

To ensure a proper instruction maintenance via Xact Web Portal, clients are requested to check if their testers have sufficient access and the necessary user rights as well as checking account connectivity settings.

Please contact the Connectivity Test Support team (<u>connect-test@clearstream.com</u>) if connectivity settings in the test environment need to be enriched for the client testing.

## 4.2 Test environment - Connectivity via SWIFT (A2A)

For the message exchange via the SWIFT network, SWIFT requires the use of Test BICs as technical sender and receiver address within the testing environment. The Test BIC of the testing client must be registered with the SWIFT network. If clients wish to participate via a Test BIC for the first time, they should allow some time for the preparation of the technical setup by SWIFT, RMA key exchange and connectivity tests.

BICs used in production are different to the ones provided in the test environment. Clients are requested to check account connectivity settings.

For triparty testing only the below test BIC for instructions towards Clearstream Banking must be used in the header of the MT527 message.

Triparty instructions				
Test BIC	ZYAILULOXXX			
Channel	SWIFT			

The testing will take place in Swift Release 2024 mode.

## 4.3 Test environment - Connectivity via File Transfer

If clients wish to test via File Transfer, they need to get in touch with the Connectivity Test Support team (<u>connecttest@clearstream.com</u>).

The test server for this purpose is:

**OneClearstream** <u>https://oneclearstreamtest.cdinternet.com 194.36.230.9</u>

For more detailed information please consult the <u>Clearstream file transfer connectivity solutions</u> <u>document</u>.

### 4.4 Test reporting

Triparty reports scheduled in the testing environment **cannot** be received via email or file transfer. This functionality is only available in production. Reports must be downloaded in Xact Web Portal.

Clients can select the reports they require from the list below.

Setup	
Report types	Triparty Collateral reporting:
	MT558 - Triparty Collateral Status and Processing Advice
	Exposure reports:
	Triparty Collateral Management Daily Exposure Report - PDF
	Triparty Collateral Management Daily Exposure Report - TXT
	SWIFT MT569 Triparty Collateral and Exposure Statement
Frequency	As scheduled
Delivery channel	SWIFT
	Xact Web Portal
	File Transfer only for MT569

MT54X and MT536 will be set up for all clients by default.

## 5. Client testing and test calendar

The testing phase consists of connectivity testing, guided testing, and free testing periods.

Cycle 3 is divided in two groups A and B. Each group shall test all test cases during the indicated time frame.

The different testing phases are indicated in below calendar.

#### Test Calendar Cycle 3:

W08	W09	<b>W</b> 10	W11	W12
17 February 2025 -	24 February 2025 -	3 March 2025 -	10 March 2025 -	17 March 2025 -
21 Februaury2025	28 February 2025	7 March 2025	14 March 2025	21 March 2025
Connectivity testing	Guided testing	Guided and free	Guided testing	Guided and free
	Group A	testing Group A	Group B	testing Group B

**Connectivity testing:** Clients make sure that their selected connectivity channel is valid and required reports are set up in Xact Web Portal.

**Guided testing:** Clients test all test cases described in section <u>5.2</u> Test cases. In case of any issues or questions, support will be provided in a timely manner.

**Free testing:** Clients can test freely the test cases 01 Increase and 03 Decrease. In case of issues or questions, support will be provided on best effort basis.

Clients are strongly encouraged to validate their system access during calendar week 08, before the test cycle starts. No testing beyond connectivity must be carried out during this week to avoid any risks to undermining the guided testing. **Please do not book any instructions during calendar week 08.** 

Clients were informed about their group allocation around mid-December 2024 via email. Please stick to your group.

The test cases must be followed in the indicated order. Testing must begin on a Monday and the test plan must be followed strictly day by day.

If any issues are identified that are related to the Clearstream Banking functionality, the participating client must report them as soon as possible to <u>ECMS.Programme@clearstream.com</u>.

For issues related to ECMS GUI, please liaise directly with your NCB.

If a test case cannot be tested successfully on the designated test day, please contact <u>ECMS.Programme@clearstream.com</u>. Clearstream Banking will support and advise, if a reorganisation of the test cases and testing all test cases successfully is still possible within the foreseen testing window. The analysis will be done case by case.

Client queries directly related to the test cases will be handled as timely as possible during the guided testing cycles, or, depending on the complexity and volume as soon as practical shortly after the guided testing cycle at the latest.

Clients that were not able to achieve the expected testing results for all the seven testing cases during the re-testing cycle, must inform <u>ECMS.Programme@clearstream.com.</u>

**Note:** For some test cases, intervention from the client's NCB or a tester from Clearstream Banking is needed. More information regarding the affected test cases is detailed in section <u>5.3</u> Pass criteria for the test cases.

## 5.1 ISINs for guided testing

In the table below the testing dates for the two guided testing groups A and B are indicated together with the ISINs. Clients will be credited with at least 10 mn of each ISIN on their source accounts. Those ISINs must be allocated as collateral on test day 1 and stay allocated until the related test case occurs. Otherwise, the associated test cases cannot be tested. Clients should respect the timelines and stay within their assigned group during the full period.

#### Cycle 3

Group	Dates	ISIN CA with event (TC 02)	ISIN with interest payment (TC 04)	ISIN for CR exclusion (TC06)
Α	24 February 2025 - 7 March 2025	AT0000A0VRQ6	DE0001468361	EU000A1G0DJ1
В	10 March 2025 - 21 March 2025	EU000A1G0DE2	NL0011220108	DE0001143469

Furthermore, three "free" testing ISINs will be credited to the source accounts for both testing groups. They will be made eligible during the first testing week. Clients will see at least 30 mn of each ISIN available on their source accounts.

DE0001345908	(Eligible as of day 2 EOD)
AT0000A1VGK0	(Eligible as of day 3 EOD)
XS1243251375	(Eligible as of day 3 EOD)

### 5.2 Test cases

All test cases can be found in below table. The test cases must be executed in the indicated order and on the dedicated testing day. For the Cycle 3 retesting the order of the test cases has been changed to improve efficiency and time management for all the parties involved.

Test cases								
Day	Test description	Number	Test steps	Client instruction	ECMS action	Client instruction status	Expected test results	
Day 1	Client instructs an increase of the triparty transaction	TC 01	Client instructs an increase of the triparty transaction (via Swift or Xact)	PADJ (Swift)	-	NMAT (Swift)		
				Change Principal (Xact)		Unmatched (Xact)		
			System automatically matches instruction	-	No action from ECMS - instruction is	MACH (Swift)	Follow up with TREA (Swift) Released (XACT)	
					matched unilaterally	Matched [Xact]		
			For automatic contracts - system triggers an allocation to cover the transportion	-	-	AOLF (Swift)	Margin status is Covered on the exposure	
			For manual contracts - client instructs allocation			Settled (Xact)	Allocation is in status Settled	
			Clients with MT569 subscription receive Collateral Reporting	-	-	-	Reporting shows full collateralisation of transaction amount	
Day 2	Client instructs a Cancellation of Triparty Instruction (guided)	TC 05	Client instructs a decrease of the triparty transaction (via Swift or Xact)	PADJ (Swift)	ECMS set up credit freeze	NMAT (Swift)	No changes in transaction amount and collateral	
				Change Principal (Xact)	ECMS does not send matching transaction decrease	Unmatched (Xact)	No pending instructions	
			After Greenlight, Client instructs cancellation request (via Swift or Xact)	CANC (Swift)	-	CAND (Swift)	No changes in collateral reporting	
				Cancel Instruction [Xact]		Cancelled (Xact)		
				-	ECMS revokes credit freeze	-		
Day 3	Substitution generated due to Corporate Action (guided)	TC 02	Ineligibility period is created for Corporate action event in CmaX	-	-	-	Eligibility report shows the impacted ISIN as ineligible	

			For automatic contracts - system triggers a substitution For manual contracts - ineligible ISIN has collateral value 0, therefore, manual substitution must be done by the client to cover the exposure	-	-	-	
			Clients with MT569 subscription receive Collateral Reporting	-	-	-	Collateral report indicates that ISIN subject to CA event is not allocated to the transaction and was replaced by eligible ISIN
Day 4	ECMS Send a Unilateral Exclusion Request (guided)	TC 06	ECMS sends Unilateral removal for the allocated ISIN on the exposure	-	ECMS sends reda.074	-	Eligibility report shows the excluded ISIN as ineligible
			For automatic contracts - system triggers a substitution For manual contracts - client instructs substitution of the excluded ISIN code and allocates eligible ISIN code to the transaction	-	-	-	
			Clients with MT569 subscription receive Collateral Reporting	-	-	-	Collateral report indicates that the excluded ISIN code is not allocated to the transaction and was replaced by eligible ISIN
Day 5	Client instructs a decrease (partial one) of the triparty transaction	TC 03	Client instructs a partial decrease of the triparty transaction (via Swift or Xact)	PADJ (Swift)	-	NMAT (Swift)	
				Change Principal (Xact)		Unmatched (Xact)	
			-	-	ECMS instructs a decrease of the triparty transaction	MACH (Swift)	Follow up with TREA (Swift) Released (XACT)
					ti alisaUtivii	Matched (Xact)	
			Automatic contract - autowithdrawal is triggered to lower the	-	-	AOLF (Swift)	Margin status is Covered on the exposure

			collateral value of the exposure (no action required from the client side) Manual contract - manual withdrawal must be done by the client to lower collateral value of the exposure			Settled (Xact)	Withdrawal is in status Settled
			Clients with MT569 subscription receive Collateral Reporting	-	-	-	Collateral report indicates the changes in collateral amount and value for given transaction
Day 6	System generates a coupon payment on collateralised position (guided)	TC 04	System pays a coupon on Collateralised Position to NCBs DCA	-	-	-	Cash proceeds are transferred on the client's cash account
			-	-	ECMS instructs Clearstream Banking to debit its DCA and credit the Collateral Giver	-	Client received MT566
			Clearstream Banking automatically processes retrocession request	-	-	-	
			Client receives reporting for retrocession processing	-	-	-	Client received MT566 + MT54x (PFoD)
Day 9	Client instructs a Closure of a Triparty Transaction	TC 07	Before sending Change closing date instruction the ETC and collateral value must be 0 Client instructs a decrease of the triparty transaction (via Swift or Xact)	PADJ (Swift)	-	NMAT (Swift)	
				Change Principal (Xact)		Unmatched (Xact)	
					ECMS instructs	MACH (Swift)	Transaction amount changes to 0.
			-	-	the triparty transaction	Matched (Xact)	Follow up with TREA (Swift) Released (Xact)
			Automatic contract - autowithdrawal will be triggered	-	-	AOLF (Swift)	Margin status is Covered on the exposure

		Manual contract - client creates manual withdrawal to remove whole collateral from the exposure			Settled (Xact)	Withdrawal is in status Settled
		Client instructs a Closure of a Triparty Transaction	TERM/CDTA (Swift)	-	NMAT (Swift)	
			Change Closing Date (Xact)		Unmatched (Xact)	
		-	-	ECMS instructs	MACH (Swift)	Follow up with
			triparty transaction	Matched (Xact)	Released (Xact)	
		Clients with MT569 subscription receive Collateral Reporting	-	-	-	Reporting stats 0 exposure and 0 collateral in use.

## 5.3 Pass criteria for the test cases

#### Day 1: Test case 01: Client instructs an increase of the triparty transaction

TC 01 passed if:

- The new exposure amount has increased, and the exposure is fully covered.
- The increase is correctly reflected in ECMS. (the test result is to be confirmed with the NCBs)
- Collateral reporting was generated and contains correct information.

**Important note**: To prepare for TC 02, TC 04, and TC 06, clients must ensure the indicated ISINs stated in section 5.1. are allocated as collateral.

To do so, clients must:

- 1. Generate their eligibility check report<sup>2</sup>.
- 2. Filter the eligible ISINs.
- 3. Sum up how much exposure can be covered with their eligible collateral.
- 4. Instruct an increase of about 80-85% of the maximum coverage value.

#### Example:

- 1. Open the report in Excel format.
- 2. Filter using "Eligibility Status" Eligible.

<sup>&</sup>lt;sup>2</sup> Information on how to generate an eligibility check report is available in the Annex (Eligibility Check Report).

- 3. Sum up the Eligible Collateral Value of the assets (in EUR). This is the maximum principal amount that your eligible collateral can cover.
- 4. Calculate any partial between 80% to 85% of the total amount.

#### Example:

Custod 💌	Instrument ID	T Common Coc 💌	Nominal 🔹	Elig Collat Val 💌	Eligib 💌	Eligibility Status 💌	
CBL	AT0000A0VRQ6	80089864	10,000,000.00	9,669,784.00	Y	Eligible	
CBF	AT0000A0VRQ6	80089864	10,000,000.00	9,669,784.00	Y	Eligible	
CBL	DE0001143469	81526788	20,000,000.00	11,488,679.00	Y	Eligible	
CBF	DE0001143469	81526788	20,000,000.00	11,488,679.00	Y	Eligible	
CBL	NL0011819040	138644375	10,000,000.00	9,561,684.00	Y	Eligible	
CBF	NL0011819040	138644375	10,000,000.00	9,561,684.00	Y	Eligible	
				61,440,294.00			
			*80%	49,152,235.20			

### Following this result, the client can book an increase instruction in the amount of about EUR 49 mn safely. The system will need to utilise all the different ISINs to cover it.

**Important Note:** If the client intends to test with two collateral accounts, this amount must be split to assure full collateral coverage for both collateral accounts.

**For manual contracts:** The client must instruct the collateral allocation manually.

**For automatic contracts:** The system triggers an allocation to cover the transaction automatically.

If the three ISINs relevant for the test cases were not at least partially allocated by the system automatically, please allocate the ISINs manually and withdraw any other ISIN from your collateral account to remove the collateral excess, or alternatively, please advise <u>ECMS.Programme@clearstream.com</u> to do this operation on your behalf.

#### Day 2: <u>Test case 05</u>: Client instructs a Cancellation of Triparty Instruction

**Note:** For this test case further preparations from the NCB are required. Green light will be provided by Clearstream Banking, once the NCBs confirm that they are ready for TC05.

Once green light is provided, the client must book a decrease instruction. This instruction will remain in status "unmatched". The client must cancel the unmatched decrease instruction.

TC 05 passed if:

 The client's unmatched transaction instruction is in status "cancelled" and no change to the exposure amount or reporting has occurred.

#### Day 3: Test case 02: Substitution generated due to Corporate Action

The ISIN selected for TC02 will be automatically substituted out from collateral for all clients with automatic account set up. Clients with manual setup must substitute out the ISIN selected for TC02 manually and replace it with other eligible collateral from their source account(s).

TC 02 passed if:

The ISIN linked to the upcoming Corporate Action event has been fully replaced by another eligible ISIN from the clients' source account.

- Collateral reporting was generated and contains correct information.

#### Day 4: <u>Test case 06 ECMS Send a Unilateral Exclusion Request</u>

The NCB will exclude the ISIN selected for TC06 from eligible collateral. The ISIN selected for TC06 will be automatically substituted out from collateral for all clients with an automatic account setup. Clients with a manual setup must manually substitute out the ISIN selected for TC06 and replace it with other eligible collateral from their source accounts.

#### TC 06 passed if:

the Eligibility report shows the ISIN excluded by the Collateral Receiver as ineligible as collateral. This
test case will be performed by ECMS. Clients only need to check the related reporting.

#### Day 5: <u>Test case 03</u>: <u>Client instructs a decrease of the triparty transaction</u>

The client reduces the delta of the open exposure by a small amount (5%-10%).

TC 03 passed if:

- The new exposure amount has decreased, and the collateral is returned accordingly.
- The decrease is correctly reflected in ECMS. (the test result is to be confirmed with the NCBs)
- Collateral reporting was generated and contains correct information.

#### Day 6: Test case 04: System generates a coupon payment on collateralised position

ISIN selected for TC04 and is used as collateral generates a coupon payment.

TC 04 passed if

The client received a (MT566) Corporate Action Confirmation (if scheduled) which indicates the
retrocession payment to the client's cash account and the cash proceeds are transferred to the client's
cash account. This test case will be performed by Clearstream Banking. Clients only need to check the
related reporting.

#### Day 9: <u>Test case 07 Client instructs a Closure of a Triparty Transaction</u>

The closure of the Exposure is to be done in two steps.

Step 1: Exposure needs to be reduced to 0 and all collateral is back on the source account(s).

Step 2: Exposure is closed.

TC 07 passed if:

- The exposure is successfully closed, and all collateral excess is released from the collateral account to the source account.
- The closure is correctly reflected in ECMS. (the test result is to be confirmed with the NCBs)
- The collateral reporting was generated and contains correct information.

If the pass criteria for a test case are not met, the test case is considered as failed.

# 6. Contacts

The ECMS Programme Readiness Team at Clearstream Banking will answer your questions regarding the Clearstream Banking environment used for client test execution and necessary setup requirements. In addition, they will handle any queries regarding the ECMS Triparty Collateral Management implementation in general.

#### Please use English for all communication related to the client testing.

For all issues encountered by clients related to Clearstream Banking functionality, Clearstream Banking asks its clients to use the <u>Issue Declaration Form</u>, which is also published on the Clearstream Banking ECMS web page. Clearstream Banking will collect all raised items, analyse them, and revert to clients in a timely manner.

#### ECMS Programme Business Readiness team

E-mail: <u>ECMS.Programme@clearstream.com</u>

For pure ECMS related issues, please liaise with your NCB directly.

# 7. Appendix

A collection of relevant supportive information for the various test cases is provided in the Appendix of this document.

To support clients not familiar with Xact Web Portal, links to video tutorials, client documentation related to reporting and income proceeds as well as Swift templates for triparty instructions can be found below.

## 7.1 Xact Web Portal Collateral Management tutorials

Xact Web Portal user tutorials are available via below link:

Xact Web Portal Collateral Management tutorials (clearstream.com)

Below videos are relevant for this client testing.

- How to adjust Principal exposure amount on TCMS exposure (TC01, TC03)
- How to release pending instructions (TC01, TC03, TC05, TC07)
- How to set closing date (TC07)
- How to perform an Eligibility check (TC01, TC02, TC06)
- CmaX reports in Xact Web Portal (useful for all test cases)
- Standard reports in Xact Web Portal (TC04)

Please note that there has been an update of the Xact Web Portal menu in the meantime. The view of the menu in the videos does not correspond to the updated view in the testing and production environment. In order to rule out any confusion, please see the current menu below. All menu items remain available.

**Example:** CmaX reports can be found though "Collateral Management - My Activities" "Reports", same as described in the related tutorial video. The only difference is the different menu interface.

Dashboard	Collateral Management My Activities	
Collateral Management	Actions	~
- My Activities	Contract Data	~
	Collateral	~
Management - My Settings	Principal	~
	Instructions	~
	Custody	~
Cash & Liquidity	Reports	^
Tax	On Demand	
凨	Scheduled	
Reference Data	Virtual AS Report	
Keporting &	Reports Schedules	
Monitoring	External Interactions	~
User Management	Tools	~
Data Analytics		
Help & Resources		

clearstream

## 7.2 Eligibility Check Report (TC01, TC02, TC06)

The purpose of an eligibility check report is to view the security positions on your source account(s) and identify the ISINs which are eligible for the contract you want to cover. To generate your eligibility report, go to:

- Collateral Management My Activities; Contract Data; Contracts
- Select your contract
- Go to: Actions; Tools; Eligibility check

ŝ	Collateral Managem	ent - My Activitie	es / Contract Da	ata / Contracts	0
Collateral Management - My Activities	Query / List				
Collateral Management	► Query				
Settlement	▼ List				
o	Open Detail	Modify	Go to	Actions	
Cash & Liquidity	All Coll. giver	Triparty agent	Coll. receiver	Contract Data >	Id Bskt ref.
		CBFD-CMS	BBKECMS	Instructions >	L MARKDEFFXXX 1
Tax	1 Rows   20 Rows per pa	ge   1 selected row	Query executed	Tools 🕨 🕨	Real time simulation
E				Reports 🕨 🕨	Extended simulation
Reference Data					Eligibility check

- Make sure that under "Collateral giver" your Participant short code is selected. (normally it is selected automatically)
- Under Eligibility options, select "No file"
- Click on "Submit"

Collateral Management - My Activities / Tools / Eligibility Check 🔞						
Eligibility Check						
Selection of a Collateral Giver						
Collateral giver		×	🔍 Name			
<ul> <li>Selection of a Contract</li> </ul>						
Global currency		EUR		×		
						Print
All Triparty agent	Coll. giver	Coll. receiver	Coll. a/c		Bskt ref.	Serv. type
CBFD-CMS		BBKECMS			MARKDEFFXXX	TCMS
1 Rows   50 Rows per page   No	selected rows					
Reset Add cont	ract					
<ul> <li>Eligibility options</li> </ul>						
	Г					
Strategy	ISIN File only	No file     Merge	file			
Submit						

The next step is to pick up your eligibility check report.

- Go back to Collateral Management My Activities
- Select "Reports" and go to "On Demand"

<b>BB</b> Dashboard	Collateral Management My Activities	
Collateral	Actions	~
lanagement - My Activities	Contract Data	~
	Collateral	~
Collateral Ianagement My Settings	Principal	~
盫	Instructions	~
Settlement	Custody	~
Cash & Liquidity	Reports	^
Ø	On Demand	
Tax	Scheduled	

Select in the "Main" menu:

- Report type: "Eligibility Check Report"
- Report date: The date when you generated the report

Main				
Report batch id	=			
Generation timestamp	=		\$	
Report type	=	Eligibility Check Report		•
Report date	=		ŧ	→

Select your report, go to Actions; Reports, Open

	Actions						
Rep	orts 🕨	Open	Report ID	Recipient	Bskt ref.	Report type	Report sub type
$\checkmark$	2817245		40795306			Eligibility Check Report	Detailed

Save the report somewhere on your computer.

File name:	Eligibility Check Report
Save as type:	Microsoft Excel Comma

Open the report in Excel format.

## 7.3 Cancel instruction (TC 05)

To cancel an unmatched instruction, as required for TC05, go to the menu and select "Collateral Management – My Activities / Instructions / Collateral Management.

Put your participant short code as "Instructing Party" and as Counterparty put:

- "BBKECMS" if you are testing with BBk
- "BCL" if you are testing with BCL

Select the value date of your instruction. (You can click on the calendar button to select a date)

Main								
Instruction ID	=			Value date	=		1	₹ 拱
Instruction type	=	Please select	•	Instruction status	=	Please select		•
Instructing party	=			Instruction ref.	=			
Counterparty	=			Input media	=	Please select		•

Click on "Query" button in the right corner.

Find and select your unmatched instruction.

Click on "Open Detail"

* LISI			
Open Detail	Go to	Actions	

This will open your instruction details.

Click on the "Cancel instruction" button in the right corner.



If this action is subject for 4-eyes principal, the cancellation request must be released by a second user.

Go to: Collateral Management / My Activities / Actions / To Do Summary

Collateral Management - My Activities / Actions / To Do Summary ②

Find and select the pending action item.

Click on the "Release" button in the right corner.

## 7.4 Reporting

All relevant information regarding reporting can be found in the <u>Cmax Connectivity Guide</u>.

For all available reports, please refer to chapter 3 (Cmax reporting) of the guide.

Information on the Triparty Collateral Management Instruction Status Report is available in Announcement <u>A22020</u>.

Tipp: Exposure coverage details can be viewed on the exposure reports and on the summary reports.

## 7.5 Income proceeds

Income proceeds can be verified via receipt of the related MT56x messages. For more information, please refer to the <u>Reporting web page</u>.

## 7.6 Swift Message templates for triparty instructions

#### Principal Adjustment (Increase/decrease)

Data Type	ISO 15002 Field	Field Value
Sender's Message Reference	:20C::SEME//	(Client Unique Ref)
Customer Instruction Reference	:20C::CLCI//	(Instruction Unique Ref)
Customer Trade Reference	:20C::SCTR//	(Transaction Unique Ref)
Function of Message	:23G:NEWM	
Value date	:98A::EXRQ//	(YYYYMMDD)
Instruction type indicator	:22H::CINT//	(PADJ)
Service type indicator	:22H::COLA//	(CBCO)
Party role indicator	:22H::REPR//	(PROV)
Eligibility basket ID	:13B::ELIG//	(Basket ID)
Your identification	:95P::PTYA//	[Client's BIC8]
	:95P::PTYB//	[NCB's BIC8]
Collateral account at Clearstream	:95R::TRAG/CEDE/	(Collateral Account)
Closing date	:98B::TERM//	(OPEN)
Transaction currency and amount	:19A::TRAA//	(Transaction Amount)

#### Termination

Data Type	ISO 15002 Field	Field Value
Sender's Message Reference	:20C::SEME//	(Client Unique Ref)
Customer Instruction Reference	:20C::CLCI//	(Instruction Unique Ref)
Customer Trade Reference	:20C::SCTR//	(Transaction Unique Ref)
Function of Message	:23G:NEWM	
Value date	:98A::EXRQ//	(YYYYMMDD)
Instruction type indicator	:22H::CINT//	(TERM)
Service type indicator	:22H::COLA//	(CBCO)
Party role indicator	:22H::REPR//	(PROV)
Eligibility basket ID	:13B::ELIG//	(Basket ID)
Your identification	:95P::PTYA//	[Client's BIC8]
Counterparty identification	:95P::PTYB//	[NCB's BIC8]
Collateral account at Clearstream	:95R::TRAG/CEDE/	(Collateral Account])
New Closing date	:98A::TERM//	(YYYYMMDD)
Transaction currency and amount	:19A::TRAA//	(Transaction Amount)

#### Cancellation

Data Type	ISO 15002 Field	Field Value
Sender's Message Reference	:20C::SEME//	(Client Unique Ref]
Customer Instruction Reference	:20C::CLCI//	[Instruction Unique Ref]
Customer Trade Reference	:20C::SCTR//	(Transaction Unique Ref]
Function of Message	:23G:CANC	
Value date	:98A::EXRQ//	(YYYYMMDD)
Instruction type indicator	:22H::CINT//	(TERM)
Service type indicator	:22H::COLA//	(CBCO)
Party role indicator	:22H::REPR//	(PROV)
Eligibility basket ID	:13B::ELIG//	(Basket ID)
Your identification	:95P::PTYA//	[Client's BIC8]
Counterparty identification	:95P::PTYB//	[NCB's BIC8]
Collateral account at Clearstream	:95R::TRAG/CEDE/	(Collateral Account]
Link to message to be cancelled	20C::PREV//	[Client Unique Ref of the message to be cancelled]
New Closing date	:98A::TERM//	(YYYYMMDD)
Transaction currency and amount	:19A::TRAA//	(Transaction Amount)

Published by

Clearstream Banking www.clearstream.com

Registered addresses Clearstream Banking S.A. 42 Avenue JF Kennedy L-1855 Luxembourg

Clearstream Banking AG Deutsche Börse AG Mergenthalerallee 61 65760 Eschborn Germany

Document number: 7515