Triparty Collateral Management Adaptation Plan

Clearstream Banking Luxembourg

Activity	Triparty Collateral Management
Plan submitted by	Clearstream Banking Luxembourg
NSG	Luxembourg
Date	June 2021

Background

The Adaptation Plan provides information on the changes which will be implemented to meet the AMI-SeCo Standards for Triparty Collateral Management which form part of the Single Collateral Management Rulebook for Europe (SCoRE). Full details of the Triparty Collateral Management Standards can be found on the ECB website.

The document is structured as follows: Section 1 (Cover Letter) provides a high-level summary of the changes in order to implement the AMI-SeCo Standards. Section 2 (Adaptation Plan Table) then provides a more detailed overview per Standard covering a feasibility assessment and the implementation milestones.

1   Cover Letter

Clearstream Banking Luxembourg fully supports the introduction of SCoRE collateral management harmonization standards endorsed by AMI-SeCo. This support is reflected by active participation in the design of the new standards for Triparty Collateral Management, Corporate Actions and Billing in the different workstreams and Expert Groups of the Collateral Management Harmonisation Task Force, and by the commitment to target implementation of these standards and migration to the Eurosystem's ECMS platform according to the current published Go-Live timeline of November 2023. The resulting changes will impact TPA and (I)CSD operations for all market actors in Luxembourg, Germany and the ICSD, however Clearstream Banking Luxembourg will seek to limit impact to clients as far as possible. Clearstream Banking Luxembourg is already largely compliant with many of the standards and work is now focusing on the implementation of the remaining changes associated with ECMS. More information regarding specific impacts will be given during the course of 2021.

Please note that as technical implementation details within the standards have not yet been fully specified, all details, including all dates in this report are

indicative based on current information, and cannot therefore be considered final. This may be refined once full impacts and requirements are known. Full details are given in the text below.

We encourage all Clearstream agents and customers, particularly ECMS participants, to review the standards herein described, in order to become aware of potential changes in relation to collateral management processing.

Feasibility Assessment / Legal barriers:

In order for Clearstream to adopt the new SCoRE standards, where the said model is essentially ISO 20022 Swift based (in terms of instructions and reporting channel), new processes, legal documentation, features, message flows and functions need to be implemented in Clearstream's collateral management system.

A new account structure will be required to support migration to the Eurosystem Collateral Management System (ECMS) in order to reflect the collateral account being in T2S and thus, settlement for the transfer of the securities from the Collateral Giver's account to the Collateral Taker's account will take place in T2S. The exact legal account structure remains to be clarified.

The new ISO Swift 20022 standards endorsed by SCoRE, along with the specifics of the ECMS requirements, introduce new messages and process flows such as: unilateral removal of securities, reporting on flows, reporting on stocks, authorisation by the central bank for the payment of custody income, reference data, eligibility baskets. Final versions of the swift messages are expected to be published April 2021 in MyStandards for review by market participants.

Both ISO 15022 and ISO 20022 formats will be supported during the transition period. Exact procedures for the support of both ISO standards are not yet finalised as ISO 20022 introduces new messages that do not exist in ISO 15022. Specific mapping (where possible), validation and processing of the messages in both versions will be required. More information will follow in due course.

Our initial analysis of the requirements identified no critical legal barriers. However, we will only be able to confirm that after the finalisation of the requirements and a subsequent analysis of the impacts has taken place, especially in the case of the legal account structure.

Milestones:

We communicated to our clients the relevant impacts and changes introduced by SCoRE and ECMS at a high level during the second half of 2020. Further detailed information will be published during the course of 2021, subject to the finalisation of relevant requirements.

Clearstream Banking Luxembourg has made significant progress during the past year on refining scope and analysing impacts and is now progressing well with internal requirements definition.

Clearstream Banking Luxembourg targets to start User Testing in November 2022, subject to further clarification by ECMS regarding scope, planning and details of User Testing.

2   Adaptation Plan Table

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones				
No.	**Name of Standard**	**Standard**	**Adaptation Required?**	**Description of Changes Required**	**Legal Barrier Identified?**	**Please indicate the expected date of completion of the following activities:**				
STANDARD 1	**Implementation of ISO 20022 messages for triparty collateral management**	*TPAs shall support the usage of ISO 20022 messages for triparty collateral management activities covered by the Standards.*	Yes	New Swift ISO standard messages	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						Internal Adaptation	Yes	No		n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY		☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY		☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY		☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY		☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY		☐

Additional Information	**Message Name**	**Message Identifier**								
	Triparty Collateral Transaction Instruction	colr.019	Adaptation Required	New Swift 20022 message required.	No					
	Triparty Collateral Status and Processing Advice	colr.020	Adaptation Required	New Swift 20022 message required. New usage of message.						
	Triparty Collateral Allegement Notification	colr.021	Adaptation Required	New Swift 20022 message required. New flows of messages required.						
	Triparty Collateral Collateral and Exposure Report	colr.022	Adaptation Required	New Swift 20022 message required. New type of report as it is near real time and settlement notification related.						
	Triparty Collateral Unilateral Removal Request	colr.023	Adaptation Required	New Swift 20022 message required. New process.						
	Triparty Collateral Allegement Notification	colr.024								

No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:
	Cancellation Request					
	Collateral Management Cancellation Request	colr.005	Adaptation Required	New Swift 20022 message required. Usage of messages changes in the relevant flows.		
	Collateral Management Cancellation Status	semt.020	N/A	semt.020 is no longer part of the triparty collateral management process as it was replaced with the colr.020 message.		
	Receipt Acknowledgment	admi.007	Adaptation Required	New Swift 20022 message required.		
	Approval of Debit	camt.036	Adaptation Required	New Swift 20022 message required. New process.		
	Eligible Securities Creation Request	reda.025	Adaptation Required	New Swift 20022 message required. New process.		
	Eligible Securities Deletion Request	reda.075	Adaptation Required	New Swift 20022 message required. New process.		
	Collateral Value Creation Request	reda.024	Adaptation Required	New Swift 20022 message required.		
	Close Link Creation Request	reda.027	Adaptation Required	New Swift 20022 message required. New process.		
	Close Link Deletion Request	reda.077	Adaptation Required	New Swift 20022 message required. New process.		
	Collateral Data Status Advice	reda.028	Adaptation Required	New Swift 20022 message required. New process.		
	Triparty Collateral Unilateral Removal Request	reda.074				
	Business Application Header	head.001				
	Business File Header	head.002				

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones				
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:				
STANDARD 2	Initiation of a triparty transaction	*TPAs shall offer harmonised business processes and workflows for the initiation of a triparty collateral management transaction.*	Adaptation Required	Implementation of ISO20022 message triggers only.	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	⊠	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	⊠	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	⊠	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	⊠	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	⊠	☐ DD-MM-YYYY		☐
						Internal Adaptation	Yes	No		n/a
						M6: Adaptation started by 01/01/2022	⊠	☐ DD-MM-YYYY		☐
						M7: Adaptation completed by 30/06/2022	⊠	☐ DD-MM-YYYY		☐
						M8: Internal testing started by 01/07/2022	⊠	☐ DD-MM-YYYY		☐
						M9: Internal testing complete by 02/12/2022	⊠	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	⊠	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	⊠	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	⊠	☐ DD-MM-YYYY		☐
						M13: Standard implemented by 20/11/2023	⊠	☐ DD-MM-YYYY		☐
STANDARD 3	Increase of a triparty transaction	*TPAs shall support harmonised business processes and workflows for the increase of a triparty collateral management transaction.*	Adaptation Required	Implementation of ISO20022 message triggers only.	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	⊠	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	⊠	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	⊠	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	⊠	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	⊠	☐ DD-MM-YYYY		☐
						Internal Adaptation	Yes	No		n/a
						M6: Adaptation started by 01/01/2022	⊠	☐ DD-MM-YYYY		☐
						M7: Adaptation completed by 30/06/2022	⊠	☐ DD-MM-YYYY		☐
						M8: Internal testing started by 01/07/2022	⊠	☐ DD-MM-YYYY		☐
						M9: Internal testing complete by 02/12/2022	⊠	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	⊠	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	⊠	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	⊠	☐ DD-MM-YYYY		☐
						M13: Standard implemented by 20/11/2023	⊠	☐ DD-MM-YYYY		☐

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones				
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:				
STANDARD 4	Decrease of a triparty transaction	*TPAs shall support harmonised business processes and workflows for the decrease of a triparty collateral management transaction.*	Adaptation Required	Implementation of ISO20022 message triggers only.	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						Internal Adaptation	Yes	No		n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY		☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY		☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY		☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY		☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY		☐
STANDARD 5	Revaluation of a triparty transaction	*TPAs shall support harmonised business processes and workflows when revaluing a triparty collateral management transaction.*	Adaptation Required	Implementation of ISO20022 message triggers only.	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						Internal Adaptation	Yes	No		n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY		☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY		☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY		☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY		☐
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No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:				
STANDARD 6	Cancellation of a triparty instruction	TPAs shall support harmonised business processes and workflows for the cancellation of a triparty collateral management instruction.	Adaptation Required	Implementation of ISO20022 message triggers and some functional change.	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						Internal Adaptation	Yes	No		n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY		☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY		☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY		☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY		☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY		☐
STANDARD 7	Unilateral removal process	TPAs shall support harmonised business processes and workflows for the unilateral removal of a specific asset in triparty collateral management.	Adaptation Required	New flow of messages required and is a new process.	No	**Analysis and Communication**	Yes	No		n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY		☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY		☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY		☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY		☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY		☐
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						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY		☐
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						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY		☐
						Testing and Implementation	Yes	No		n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY		☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY		☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY		☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY		☐

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:			
STANDARD 8	Reporting on flows	*TPAs shall support harmonised business processes and workflows for the reporting on flows in order to provide real time information on securities collateralising triparty collateral transactions.*	Adaptation Required	New flow of messages required and reporting process.	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY	☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY	☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY	☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY	☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY	☐
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY	☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY	☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY	☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY	☐
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY	☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY	☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY	☐
STANDARD 9	Reporting on stocks	*TPAs shall support harmonised business processes and workflows for reporting on stocks in triparty collateral management.*	Adaptation Required	Implementation of ISO20022 message triggers only.	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY	☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY	☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY	☐
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						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY	☐
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY	☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY	☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY	☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY	☐
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
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AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:			
STANDARD 10	**Closure of a triparty transaction**	*TPAs shall support harmonised business processes and workflows when closing a triparty collateral management transaction.*	Adaptation Required	Implementation of ISO20022 message triggers plus minor ISO15022 changes.	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY	☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY	☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY	☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY	☐
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						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY	☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY	☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY	☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY	☐
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY	☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY	☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY	☐
STANDARD 11	**Handling of corporate actions**	*TPAs shall support harmonised business processes and workflows when handling corporate actions on securities allocated to a triparty collateral management transaction.*	Adaptation Required	Changes to retrocession handling only. Standard 11 still being discussed however owing to issues found.	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY	☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY	☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY	☐
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						Internal Adaptation	Yes	No	n/a
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						Testing and Implementation	Yes	No	n/a
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AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones				
No.	**Name of Standard**	**Standard**	**Adaptation Required?**	**Description of Changes Required**	**Legal Barrier Identified?**	**Please indicate the expected date of completion of the following activities:**				

STANDARD 12 — Partial settlement

TPAs shall support harmonised business processes and workflows for the partial settlement of a triparty collateral management instruction.

Adaptation Required?: Implemented
Description of Changes Required: N/A
Legal Barrier Identified?: No

	Yes	No		n/a
Analysis and Communication	Yes	No		n/a
M1: Analysis started by 30/06/2020	☐	☐	DD-MM-YYYY	⊠
M2: Initial communication by 01/03/2021	☐	☐	DD-MM-YYYY	⊠
M3: Analysis completed by 31/07/2021	☐	☐	DD-MM-YYYY	⊠
M4: Documentation completed by 31/12/2021	☐	☐	DD-MM-YYYY	⊠
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Internal Adaptation	Yes	No		n/a
M6: Adaptation started by 01/01/2022	☐	☐	DD-MM-YYYY	⊠
M7: Adaptation completed by 30/06/2022	☐	☐	DD-MM-YYYY	⊠
M8: Internal testing started by 01/07/2022	☐	☐	DD-MM-YYYY	⊠
M9: Internal testing complete by 02/12/2022	☐	☐	DD-MM-YYYY	⊠
Testing and Implementation	Yes	No		n/a
M10: External testing started by 05/12/2022	⊠	☐	DD-MM-YYYY	☐
M11: Final external communication by 01/04/2023	⊠	☐	DD-MM-YYYY	☐
M12: External testing completed by 13/10/2023	☐	☐	DD-MM-YYYY	⊠
M13: Standard implemented by 20/11/2023	☐	☐	DD-MM-YYYY	⊠

STANDARD 13 — Reference data

TPAs shall facilitate the communication of reference data by collateral givers and collateral takers using harmonised messaging.

Adaptation Required?: Adaptation Required
Description of Changes Required: Implementation of ISO20022 message triggers only.
Legal Barrier Identified?: No

	Yes	No		n/a
Analysis and Communication	Yes	No		n/a
M1: Analysis started by 30/06/2020	⊠	☐	DD-MM-YYYY	☐
M2: Initial communication by 01/03/2021	⊠	☐	DD-MM-YYYY	☐
M3: Analysis completed by 31/07/2021	⊠	☐	DD-MM-YYYY	☐
M4: Documentation completed by 31/12/2021	⊠	☐	DD-MM-YYYY	☐
M5: Detailed external communication by 31/12/2021	⊠	☐	DD-MM-YYYY	☐
Internal Adaptation	Yes	No		n/a
M6: Adaptation started by 01/01/2022	⊠	☐	DD-MM-YYYY	☐
M7: Adaptation completed by 30/06/2022	⊠	☐	DD-MM-YYYY	☐
M8: Internal testing started by 01/07/2022	⊠	☐	DD-MM-YYYY	☐
M9: Internal testing complete by 02/12/2022	⊠	☐	DD-MM-YYYY	☐
Testing and Implementation	Yes	No		n/a
M10: External testing started by 05/12/2022	⊠	☐	DD-MM-YYYY	☐
M11: Final external communication by 01/04/2023	⊠	☐	DD-MM-YYYY	☐
M12: External testing completed by 13/10/2023	⊠	☐	DD-MM-YYYY	☐
M13: Standard implemented by 20/11/2023	⊠	☐	DD-MM-YYYY	☐

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:			
STANDARD 14	Usage of baskets	*TPAs shall support the usage of customised collateral baskets by collateral givers and collateral takers.*	Implemented	N/A	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☐	☐ DD-MM-YYYY	☒
						M2: Initial communication by 01/03/2021	☐	☐ DD-MM-YYYY	☒
						M3: Analysis completed by 31/07/2021	☐	☐ DD-MM-YYYY	☒
						M4: Documentation completed by 31/12/2021	☐	☐ DD-MM-YYYY	☒
						M5: Detailed external communication by 31/12/2021	☐	☐ DD-MM-YYYY	☒
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☐	☐ DD-MM-YYYY	☒
						M7: Adaptation completed by 30/06/2022	☐	☐ DD-MM-YYYY	☒
						M8: Internal testing started by 01/07/2022	☐	☐ DD-MM-YYYY	☒
						M9: Internal testing complete by 02/12/2022	☐	☐ DD-MM-YYYY	☒
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY	☐
						M12: External testing completed by 13/10/2023	☐	☐ DD-MM-YYYY	☒
						M13: Standard implemented by 20/11/2023	☐	☐ DD-MM-YYYY	☒
STANDARD 15	Future dated processing	*TPAs shall support the handling of future-dated requests submitted by collateral givers and collateral takers for triparty transactions settling in commercial bank money.*	Implemented	N/A	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☐	☐ DD-MM-YYYY	☒
						M2: Initial communication by 01/03/2021	☐	☐ DD-MM-YYYY	☒
						M3: Analysis completed by 31/07/2021	☐	☐ DD-MM-YYYY	☒
						M4: Documentation completed by 31/12/2021	☐	☐ DD-MM-YYYY	☒
						M5: Detailed external communication by 31/12/2021	☐	☐ DD-MM-YYYY	☒
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☐	☐ DD-MM-YYYY	☒
						M7: Adaptation completed by 30/06/2022	☐	☐ DD-MM-YYYY	☒
						M8: Internal testing started by 01/07/2022	☐	☐ DD-MM-YYYY	☒
						M9: Internal testing complete by 02/12/2022	☐	☐ DD-MM-YYYY	☒
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY	☐
						M12: External testing completed by 13/10/2023	☐	☐ DD-MM-YYYY	☒
						M13: Standard implemented by 20/11/2023	☐	☐ DD-MM-YYYY	☒

AMI-SeCo Standard			Feasibility Assessment			Implementation Milestones			
No.	Name of Standard	Standard	Adaptation Required?	Description of Changes Required	Legal Barrier Identified?	Please indicate the expected date of completion of the following activities:			
STANDARD 16	Operating hours	*TPAs shall provide access to triparty services on those days on which the RTGS is open. Allocations to triparty transactions involving central banks as collateral taker shall be possible according to a harmonised operating schedule on those days.*	Implemented	N/A	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☐	☐ DD-MM-YYYY	☒
						M2: Initial communication by 01/03/2021	☐	☐ DD-MM-YYYY	☒
						M3: Analysis completed by 31/07/2021	☐	☐ DD-MM-YYYY	☒
						M4: Documentation completed by 31/12/2021	☐	☐ DD-MM-YYYY	☒
						M5: Detailed external communication by 31/12/2021	☐	☐ DD-MM-YYYY	☒
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☐	☐ DD-MM-YYYY	☒
						M7: Adaptation completed by 30/06/2022	☐	☐ DD-MM-YYYY	☒
						M8: Internal testing started by 01/07/2022	☐	☐ DD-MM-YYYY	☒
						M9: Internal testing complete by 02/12/2022	☐	☐ DD-MM-YYYY	☒
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY	☐
						M12: External testing completed by 13/10/2023	☐	☐ DD-MM-YYYY	☒
						M13: Standard implemented by 20/11/2023	☐	☐ DD-MM-YYYY	☒
STANDARD 17	Cut-off times	*TPAs shall offer harmonised cut-off times for triparty services involving central banks as collateral taker.*	Adaptation Required	Change of buffers for Cut-off Times only	No	**Analysis and Communication**	Yes	No	n/a
						M1: Analysis started by 30/06/2020	☒	☐ DD-MM-YYYY	☐
						M2: Initial communication by 01/03/2021	☒	☐ DD-MM-YYYY	☐
						M3: Analysis completed by 31/07/2021	☒	☐ DD-MM-YYYY	☐
						M4: Documentation completed by 31/12/2021	☒	☐ DD-MM-YYYY	☐
						M5: Detailed external communication by 31/12/2021	☒	☐ DD-MM-YYYY	☐
						Internal Adaptation	Yes	No	n/a
						M6: Adaptation started by 01/01/2022	☒	☐ DD-MM-YYYY	☐
						M7: Adaptation completed by 30/06/2022	☒	☐ DD-MM-YYYY	☐
						M8: Internal testing started by 01/07/2022	☒	☐ DD-MM-YYYY	☐
						M9: Internal testing complete by 02/12/2022	☒	☐ DD-MM-YYYY	☐
						Testing and Implementation	Yes	No	n/a
						M10: External testing started by 05/12/2022	☒	☐ DD-MM-YYYY	☐
						M11: Final external communication by 01/04/2023	☒	☐ DD-MM-YYYY	☐
						M12: External testing completed by 13/10/2023	☒	☐ DD-MM-YYYY	☐
						M13: Standard implemented by 20/11/2023	☒	☐ DD-MM-YYYY	☐