

Corporate Actions Harmonisation –  
KADI DE Migration to OneCAS  
**Detailed Functional Specifications**

# **Corporate Actions Harmonisation - KADI DE Migration to OneCAS**

## **Detailed Functional Specifications**

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Particular questions regarding the Corporate Actions Harmonisation project can be addressed to [OneClearstream@clearstream.com](mailto:OneClearstream@clearstream.com) and will then be routed to the according experts.

# Contents

<b>Disclaimer .....</b>	<b>I</b>
<b>Contacts .....</b>	<b>I</b>
<b>Contents .....</b>	<b>II</b>
<b>1. Introduction.....</b>	<b>3</b>
1.1 Structure and content of this document.....	3
1.2 General Overview .....	3
1.3 Timeline.....	4
<b>2. Key aspects of KADI DE Migration .....</b>	<b>5</b>
2.1 Security scope .....	5
2.2 Event scope .....	6
<b>3. Functional Specifications – Asset Servicing .....</b>	<b>7</b>
3.1 Announcement Capture and Event Creation .....	7
3.2 Event Reference Data .....	15
3.3 Payments.....	16
3.4 Registered shares.....	24
3.5 Decision management .....	25
3.6 Reversal and repayment .....	34
3.7 Transaction Management .....	36
3.8 Tax management .....	43
3.9 Main Paying Agent Reporting .....	49
<b>4. Functional specifications – Connectivity and reporting .....</b>	<b>56</b>
<b>5. Client impact .....</b>	<b>82</b>
5.1 CBF clients - Corporate action processing for CBF-issued securities via CBF Asset Servicing (KADI).....	82
5.2 CBF/CBL/LuxCSD clients – Corporate action processing for CBF-issued securities via OneCAS or via CBL Asset Servicing.....	85
5.3 CBF/CBL/LuxCSD clients - Corporate action processing for non-CBF issued securities via OneCAS or CBL Asset Servicing .....	87
<b>6. Client simulation .....</b>	<b>88</b>
<b>7. Migration approach and cutover .....</b>	<b>89</b>
<b>Glossary .....</b>	<b>91</b>
<b>Appendix .....</b>	<b>92</b>
KADI event types (Terminart).....	92
Report subscription .....	95
Swift message examples .....	97
Tax management .....	156

# 1. Introduction

## 1.1 Structure and content of this document

This document focuses on the Corporate Action Harmonisation (CAH) project of Clearstream and more specifically on the KADI DE Migration to OneClearstream Asset Servicing (OneCAS) and related activities.

The objective of these Detailed Functional Specifications is to provide clients with an overview regarding the changes that come with the KADI DE Migration to OneCAS as well as the tasks involved in preparing for migration.

After the introduction chapter on the CAH project:

- Chapter 2 summarises the key aspects of the KADI DE Migration to OneCAS to be introduced in 2023. It also shows open points, for which no information can currently be provided and which will be covered in an updated version of the document.
- Chapter 3 provides an in-depth look into the upcoming changes of handling of corporate action events. It describes current and future states of the processing and reporting in the Clearstream systems KADI and Custody, enabling clients to identify areas of impact for them.
- Chapter 4 specifies changes with regard to client connectivity, that is the reporting of corporate actions events and the usage of user interfaces.
- Chapter 5 offers clients a concise overview of all client impacts.
- Chapter 6 summarises the most important aspects of the client simulation. A detailed Client Simulation Guide will be provided in due course.
- Chapter 7 provides an overview of the migration activities surrounding the implementation weekend of the KADI DE Migration. More detailed information on the migration will be provided to clients in due time.

## 1.2 General Overview

The current Clearstream Asset Services roadmap is about modernisation, harmonisation and standardisation with the aim to enhance the OneClearstream service offering. As part of this initiative, the Corporate Actions Harmonisation (CAH) project and especially the migration of the processing for CBF-issued securities from CBF Legacy system KADI to OneClearstream Asset Servicing (CAH – KADI DE migration to OneCAS) have been established focusing on the following aspects:

- Reduction of the technology debt and modernisation of the infrastructure.
- Functional simplification and harmonisation achieved through the consolidation of the processing environments.
- Reduce complexity of operating dual asset servicing processing on different technical platforms - KADI versus Custody.

The first driver for the change is the Asset Services processing standardisation. It is an enabler for the future business/regulatory developments. The current dual processing environment for corporate actions creates extra complexity in the context of implementing the new standards resulting from the adherence to Shareholder's Rights Directive II (SRD II, Q3 2021), the European Collateral Management System and AMI-SeCo Single Collateral Management Rulebook for Europe Standards (ECMS/SCoRE, Q2 2024) and requirements to support the new ISO 20022 standards.

The second driver for the Corporate Actions Harmonisation project is linked to the setup of the OneClearstream Asset Services, which started with the continuously expanding OneClearstream Service Offering applied for Investor-CSD links (that is, non CBF issued securities). Migrating the CBF-issued securities to OneCAS is therefore the next step for Clearstream in reaching the goal to fully operate OneClearstream Asset Services, providing a harmonised environment for corporate action processing, in compliance with all the new European standards (as mentioned above).

The expected benefit for clients comes with the harmonisation and standardisation of processing and reporting across OneClearstream asset servicing for all markets. That is, clients processes and messaging

formats which are currently deviating for the German market will be aligned, if possible, with international standards such as the CASG standards, SCoRE standards or the SMPG guidelines for reporting.

## 1.3 Timeline

The CA Harmonisation project is implemented over multiple instances.

### 13 June 2022 – Implementation of new corporate action events and option types

Clearstream expands the supported event and option types for MT564 corporate action notifications.

More detailed information has been published in Announcement [C21059](#).

### 3 July 2023 – KADI DE Migration (Phase 1)

In 2023, corporate actions processing for CBF-issued securities with the exception of investment funds and non-T2S-eligible securities will be migrated to the OneCAS platform and additional changes will be implemented to the processing of corporate actions for other markets.

The purpose of these Detailed Functional Specifications is to provide a comprehensive overview of these changes.

Clearstream will further provide additional information to clients in due time, such as:

- Simulation Guide with more information on the simulation approach, timelines and test cases is available on the [website](#);
- Migration Guide with a detailed overview regarding the migration/cut-over procedures is available on the [website](#).

### November 2024 and later – KADI US/CH/ Investment Funds Migration (Phase 2)

Finally from November 2024 (date yet to be confirmed) on, further markets will be migrated to the OneClearstream Asset Services platform step by step.

More details will be provided separately in due time.

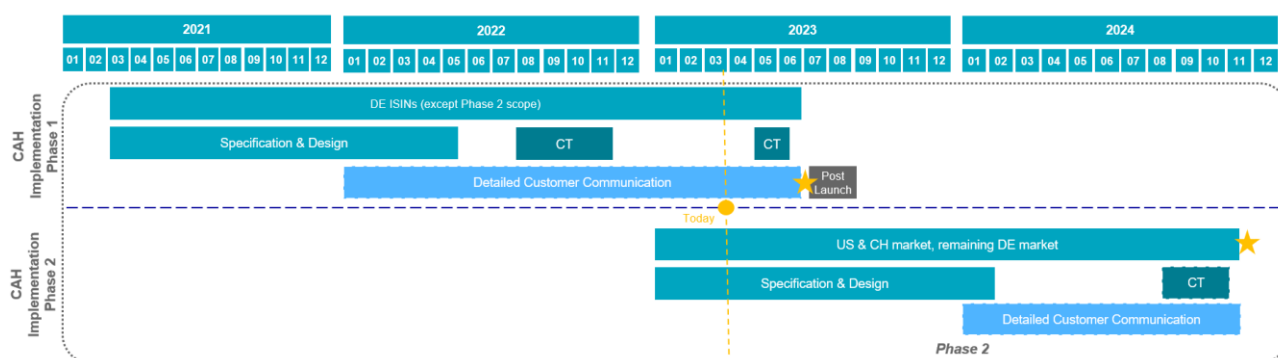


Figure 1: Indicative KADI migration timeline

## 2. Key aspects of KADI DE Migration

This summary provides an overview of the key implementation features for the KADI DE Migration.

In general, the KADI DE Migration affects all CBF-issued (Lagerland 099) securities with the exception of investment funds and interim funds (GD198B 5000 and B003 respectively), non-T2S eligible securities and 180 individual certificates, which will be migrated at later point in time.

Please note that unlike previous migrations as part of OneClearstream (for LMP markets), the field GD518E (LMP start date) will not be filled for the migrated DE securities.

All corporate action and income events for these securities, that is all mandatory as well as voluntary events, – with the exception of TEFRA D events, class action events, meeting events and non-DE taxable events – will be processed in OneCAS from 3 July 2023 on. The migration of meeting events is planned for November 2023 (please refer to [Announcement C22002](#)).

Additionally, occasional changes to the current processing in OneCAS are introduced. That is, the corporate action processing for non-German securities is adapted.

Current processes and future changes for securities or events which are out of scope of the KADI DE Migration, such as CH/US/FI-securities, are not described in this document.

With the overarching goal of corporate action harmonisation and adherence to global market standards in mind, Clearstream has taken the approach of aligning the corporate action processing for CBF-issued securities to the existing processing in OneCAS for other markets. For certain corporate action events and processes, a complete harmonisation is not possible at this point in time due to deviating market practices and legislation. In those cases, Clearstream will generally enhance the OneCAS platform in order to continue offering corporate actions processing for CBF-issued securities which corresponds to the existing KADI-processes.

In this document, “income events” include interest payments, dividends, capital gains and redemption payments. Interest payments and redemption events are usually part of the official terms and conditions of the issued securities. In addition, once an issuer decides to start an income event, it will have to advise all relevant parties in the market (usually in official documentation or offer prospectus) about all aspects of the event. All other events are considered “non-income” events and can be classified as either “mandatory” or “voluntary” events depending on whether all clients are required to participate in the event.

### 2.1 Security scope

Generally, the KADI DE Migration to OneCAS concerns securities that have been issued by CBF. Those can be identified via the value “99” (Germany) in WSS/WM-field GD430.

Among those securities, the following securities are **excluded** from the scope of KADI DE Migration to OneCAS:

- Securities being a fund, identified via the values “5000” (Investment Funds) or “B003” (Interim Fund) in WSS/WM-field GD198B.
- Securities being individual certificates, identified via the values “1” (Corpus and coupon sheet detached) in WSS/WM-field GD481 and “1000” (equity) in the WSS/WM-field GD198B.
- Securities not being T2S-eligible, identified via the values “2” (jacket custody) and “3” (trust custody) in WSS/WM-field GD135 or via the value “4” (AKV) in WSS/WM-field GD135 with the value for the WSS/WM-field GD400 being different than “60” (NCSC-T);
- Securities with Country of Origin not being Germany, identified via the value “4” (Germany) in WSS/WM-field GD160 and GD161.

Please note that clients cannot identify securities migrated to OneClearstream directly in the security static data, for example, via the field “LMP-Datum ab” (GD518E).

## 2.2 Event scope

Generally, the KADI DE Migration to OneCAS concerns corporate action events in the above specified securities. Any event for which the basis security is not in scope will not be migrated, including in the case of two-event setups (for instance, TA210 + TA280)

The following corporate action events are **excluded** from the scope of KADI DE Migration to OneCAS:

- Meeting events (BMET, CMET, OMET, XMET)
- TEFRA D events (CERT)
- Class action events (CLSA)
- Non-DE taxable events (events with WM field ED234 or GD234 (Zuständigkeit KEST-Abzug) = 5 in combination with WM field GD160 (Emissionsland) = Germany (04) and GD169 (Abweichendes Besteuerungsland)  $\neq$  Germany)

A corporate event with an entitlement date (ED) prior to the migration (that is, 3 July 2023 is greater than ED) will be processed by the CBF Legacy functionality in KADI and clients will receive the reporting in the Legacy formats, including information via the current online functionality e.g. KVGI. Any further updates as well as tax bookings related to those events that were processed prior to the migration will also be handled by the CBF Legacy systems, providing clients with the currently known reporting. Please refer to section 4.1 for more details on the excluded events.



### 3. Functional Specifications – Asset Servicing

This chapter provides information regarding the future corporate action processing in the OneClearstream system. The focus of this document is on the changes resulting as part of the KADI DE Migration in 3 July 2023. That is, current processes and future changes for German investment funds or CH/US/FI-securities are not in scope of this chapter.

With the go-live of the KADI DE Migration on 3 July 2023 the corporate action processing for CBF-issued securities will be offered via OneCAS. Whenever not explicitly explained in the upcoming sections, the processing rules follow the already existing definitions in KADI but will be executed via OneCAS.

Please note that this document does not describe each (sub)process in detail. The document describes only as much detail as required to explain the functional logic and sequence of the processes. Please refer to the [CBF Client Handbook](#) and the [OneClearstream Client Handbook](#) for more detailed documentation on already existing processes in KADI and OneCAS respectively.

#### 3.1 Announcement Capture and Event Creation

This chapter describes the changes for the announcement of corporate action events. Whenever not explicitly mentioned, current rules regarding the scope and the underlying data of events remain the same as they are at present. Please refer to the [CBF Client Handbook](#) and the [OneClearstream Client Handbook](#) for more detailed documentation on already existing processes in KADI and OneCAS respectively.

##### Event source

Clearstream receives information regarding a corporate action event from the market and passes this information on to the clients via MT564 event announcement.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	WM remains the primary event data source.  For some events, the first announcement might be sent before WM data is received.
	Events are announced on the basis of data received from Wertpapier Mitteilungen (WM)-Datenservice and the issuer agents.	Events are announced on the basis of data received from Wertpapier Mitteilungen (WM)-Datenservice and the issuer agents.  Furthermore, for predictable events (such as income, redemption), it will be possible that OneCAS will announce the event prior to receiving the information of WM (i.e. more than 30 days before entitlement date).  In this case, the COAF cannot be reported. Once WM event data is received, the notification will be updated accordingly and the COAF will be provided.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Events are announced on the basis of data received from local sources, such as custodians, issuer CSDs, issuers, agents as well as independent information vendors.	Events are announced on the basis of data received from local sources, such as custodians, issuer CSDs, issuers, agents as well as independent information vendors.	

## COAF

The COAF (Corporate Action Event Reference) is a unique reference assigned by the respective issuer CSDs or national numbering agencies to identify a corporate action event. In the event announcement (MT564), it is communicated in the field :20C::COAF//16x.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	The COAF is determined and communicated by the German National numbering agency, WM Datenservice.	The COAF is determined and communicated by the German National numbering agency, WM Datenservice.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	When the COAF is provided to Clearstream from the respective market (local partners, depositories), it will be included in the reporting to clients.	When the COAF is provided to Clearstream from the respective market (local partners, depositories), it will be included in the reporting to clients.	

## CORP ID structure

The CORP ID is a unique reference assigned by Clearstream to identify a corporate action event. In the event announcement (MT564), it is communicated in the field :20C::CORP//16x.

Clients need to include the originally announced CORP ID when sending instructions to Clearstream.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The CORP ID to be used in announcements and in clients instructions will be created differently (Terminart and BID will no longer be provided, reference format and length will be different for income and non-income events)
	<p>The CORP ID is composed of the three-digit event type code ("Terminart") and the BID provided by WM.</p> <p>Example: :20C::CORP//1100000020151110</p>	<p>The CORP ID is a reference which is increased by one for every subsequent event.</p> <p>Clearstream currently has two ways to generate the CORP ID:</p> <p>Mostly for income events, all 16 digits are used to display the counting event number with leading zeroes.</p> <p>For all other events, the CORP ID starts with "AC" followed by the counting event number.</p> <p>Examples:</p> <p>Income: :20C::CORP//0000000123456789</p> <p>Else: :20C::CORP//AC12345</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>The CORP ID is a reference which is increased by one for every subsequent event.</p> <p>Clearstream currently has two ways to generate the CORP ID:</p> <p>Mostly for income events, all 16 digits are used to display the counting event number with leading zeroes.</p> <p>For all other events, the CORP ID starts with "AC" followed by the counting event number.</p> <p>Examples:</p> <p>Income: :20C::CORP//0000000123456789</p> <p>Else: :20C::CORP//AC12345</p>	<p>The CORP ID is a reference which is increased by one for every subsequent event.</p> <p>Clearstream currently has two ways to generate the CORP ID:</p> <p>Mostly for income events, all 16 digits are used to display the counting event number with leading zeroes.</p> <p>For all other events, the CORP ID starts with "AC" followed by the counting event number.</p> <p>Examples:</p> <p>Income: :20C::CORP//0000000123456789</p> <p>Else: :20C::CORP//AC12345</p>	

## Events split into multiple announcements

Certain corporate action events may be split into multiple parts for processing reasons or result in the crediting or debiting of multiple security proceeds for the client.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clearstream will generally announce and process corporate action events within one single event instead of splitting into multiple events.
	<p>One corporate action event for each security proceed is announced and processed.</p> <p>For linked events to debit the basis security of the event - for example, the debit of worthless securities (TA222) after the exercise of warrants (TA122) -, separate events are announced and processed.</p> <p>The events have different referencing (CORP ID), but there are artificial dependencies between them.</p>	<p>One corporate action event for all security proceeds is announced and processed.</p> <p>One corporate action event for all linked events is announced and processed.</p> <p>Clearstream reserves the possibility to announce multiple events in cases where this is justified or required from a business or technical point of view.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>One corporate action event for all security proceeds is announced and processed.</p> <p>One corporate action event for all linked events is announced and processed.</p>	<p>One corporate action event for all security proceeds is announced and processed.</p> <p>One corporate action event for all linked events is announced and processed.</p>	

**Note:** Clients should be aware that corporate action events announced in this way may differ from the corporate action events announced by Wertpapier-Mitteilungen. As per the information currently available to Clearstream, this difference should be resolved with the implementation of [EDDY Neu project](#).

## Processing of warrants

In the event of an automatic cash exercise for warrants, Clearstream provides a payment to the entitled clients, withdraws the exercised or matured positions and sets the T2S Maturity Date to prevent any further trading in the warrant.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	No technical movements on warrants are reported.	No technical movements on warrants are reported.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	Reporting on the technical movements will no longer be available to clients. This change will have an impact on all Clearstream clients (CBF/CBL and Lux CSD) as processing will be amended on CBL side for all Markets.
	<p>Technical movements are reported via MT564:</p> <ol style="list-style-type: none"> <li>1. Debit of parent security;</li> <li>2. Credit of technical ISIN;</li> <li>3. Debit of technical ISIN;</li> <li>4. Credit of cash.</li> </ol> <p>Example from MT564 (CORP AC13958721):</p> <pre>:16R:SECMOVE :22H::CRDB//DEBT :35B:ISIN GB00B8SVK441 /XS/160769220 WAR BARCLAYS BK PLC ( CALL) 070422 :16S:SECMOVE  :22H::CRDB//CRED :35B:/XS/028204124 WAR TECHNICAL CODE FOR UNKNOWN PROC EEDS XXXXX :16S:SECMOVE  :22H::CRDB//DEBT :35B:/XS/028204124 WAR TECHNICAL CODE FOR UNKNOWN PROC EEDS XXXXX :16S:SECMOVE</pre>	No technical movements on warrants are reported.	

	<b>As-is process</b>	<b>Future process</b>	<b>CBF client impact</b>
	:16R:CASHMOVE :22H::CRDB//CRED :16S:CASHMOVE		

Please note that for CBL and LuxCSD clients, the changes described for non-CBF-issued securities apply for all markets.

## Reporting of warrants

### EXWA MAND:

Today in KADI, Clearstream will notify clients about mandatory warrants exercise event EXWA MAND via Swift MT564 in TA281 message providing two choice options:

- 1) E-EXER – to exercise the warrants.
- 2) E-LAPS – to allow event or entitled security to expire

At maturity EXWA MAND with one option will be reported.

Pre-Advice for withdrawal with cash compensation: MT564 in TA122	EXWA	MAND	22F::CAOP//EXER Secmove: debit warrant Cashmove: credit cash
Pre-Advice for worthless withdrawal: MT564 in TA222	EXWA	MAND	22F::CAOP//EXER Secmove: debit warrant

In OneCAS, Clearstream will notify clients about mandatory Warrants exercise event with choice at issuer level (EXWA MAND) via Swift MT564 message providing two choice options:

- 1) E-EXER – to exercise the warrants.
- 2) E-LAPS – to allow event or entitled security to expire

At maturity EXWA MAND remains and one of the options stays active, while the other will be deactivated.

For EXWA MAND, no RDDT is reported.

#### (I) Withdrawal with cash payment

Step	Reporting
<b>Announce-ment</b>	MT564 with EXWA MAND and the options E-EXER and E-LAPS
<b>Maturity</b>	MT564 with EXWA MAND and the options <b>E-EXER (default/active)</b> and E-LAPS (inactive)
<b>Payment confirma-tion</b>	MT566 with EXWA and option E-EXER

#### (II) Worthless Withdrawal

Step	Reporting
<b>Announce-ment</b>	MT564 with EXWA MAND and the options E-EXER and E-LAPS
<b>Maturity</b>	MT564 with EXWA MAND and the options E-EXER (inactive) and <b>E-LAPS (default/active)</b>
<b>Payment confirma-tion</b>	MT566 with EXWA and option E-LAPS

When the option is known at maturity, the deactivated option in the MT564 is marked by the qualifier :22F::OSTA//INTV (option status: Inactive) while the active option receives the qualifier :17B::DFLT//Y (Default Option: Yes).

**Note:** If the event is announced after fixing the date, meaning the default option is already known, the inactive option is already sent with the MT564 NEWM.

## EXWA CHOS:

In KADI, Clearstream will notify clients about Voluntary conversion and automatic exercise event EXWA CHOS via Swift MT564 in TA281 message providing two choice options:

- 1) E-EXER – to exercise the warrants.
- 2) E-LAPS – to allow event or entitled security to expire

At maturity EXWA CHOS with one option will be reported.

Pre-Advice for withdrawal with cash compensation: MT564 in TA122	EXWA	CHOS	22F::CAOP//EXER Secmove: debit warrant Cashmove: credit cash
Pre-Advice for worthless withdrawal: MT564 in TA222	EXWA	CHOS	22F::CAOP//EXER Secmove: debit warrant

In OneCAS, Clearstream will notify their clients about voluntary Warrants exercise event with a mandatory ending (EXWA CHOS) via Swift MT564 message providing two options:

- 1) E-EXER – to exercise the warrants.
- 2) E-LAPS – to allow event or entitled security to expire

At maturity, EXWA CHOS remains and one of the options stays active, while the other will be deactivated.

### (II) Withdrawal with cash payment

Step	Reporting
Announcement	MT564 with EXWA CHOS and the options E-EXER and E-LAPS
Maturity	MT564 with EXWA CHOS and the options <b>E-EXER (default/active)</b> and E-LAPS (inactive)
Payment confirmation	MT566 with EXWA and option E-EXER

### (III) Worthless Withdrawal

Step	Reporting
Announcement	MT564 with EXWA CHOS and the options E-EXER and E-LAPS
Maturity	MT564 with EXWA CHOS and the options E-EXER (inactive) and <b>E-LAPS (default/active)</b>
Payment confirmation	MT566 with EXWA and option E-LAPS

When the option is known at maturity, the deactivated option in the MT564 is marked by the qualifier :22F::OSTA//INTV (option status: Inactive) while the active option receives the qualifier :17B::DFLT//Y (Default Option: Yes).

**Note:** If the event is announced after fixing the date, meaning the default option is already known, the inactive option is already sent with the MT564 NEWM.



## EXWA VOLU

In KADI, Clearstream will notify clients about voluntary Warrants exercise event with choice where client can provide feedback (EXWA VOLU) via Swift MT564 message.

At maturity the option chosen by client will apply. If no notification received from client, the default option E-NOAC will be applied.

If the client opts for the EXER option, they will receive payment confirmation via Swift MT566 message.

In OneCAS, Clearstream will notify clients about voluntary Warrants exercise event with choice where client can provide feedback (EXWA VOLU) via Swift MT564 message.

At maturity the option chosen by client will apply. If no notification received from client, the default option E-NOAC will be applied.

If client opts for the EXER option, they will receive payment confirmation via Swift MT566 message.

Step	Reporting
Announcement	MT564 with EXWA VOLU and the options E-EXER and E-NOAC
Maturity	MT564 with the default option will be applied at the end of maturity (mostly NOAC)
Payment confirmation (in case option EXER is chosen)	MT566 with EXWA and option E-EXER

## 3.2 Event reference data

No changes will be made to the current usage of event reference data when creating and processing a corporate action event. That is, corporate action events in migrated CBF-issued securities will continue to use WM and issuer agents as the main data source.

### 3.3 Payments

This chapter describes the changes for the processing of corporate action proceeds. Whenever not explicitly mentioned, current payment rules regarding the processing (for example, pooled payment or sequenced payment) remain the same as they are at present. Please refer to the [CBF Client Handbook](#) and the [OneClearstream Client Handbook](#) for more detailed documentation on already existing processes in KADI and OneCAS respectively.

#### T2S DCA

With the implementation of the [German model for corporate action cash payments in June 2020](#), cash payments in EUR for securities where CBF is the Issuer-CSD were generally moved from TARGET2 to the TARGET2-Securities (T2S) platform.

For certain processes and payment scenarios, this transition was not entirely completed in June 2020 and subsequent enhancements in November 2021.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The T2 account is no longer used for any EUR payments resulting from corporate actions.
	For the following processes, the T2 account is used: <ul style="list-style-type: none"> <li>Debit of subscription right payments (debit of subscription price);</li> <li>Manual bookings, if any;</li> <li>Collateral Mobility: GC pooling payments for T2S eligible baskets settled in EUR.</li> </ul> All other EUR payments use the T2S DCA.	All EUR payments use the T2S DCA.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	All EUR payments use the T2S DCA.	All EUR payments use the T2S DCA.	

Please note that this change is applicable as of 20 March 2023 already (please refer to Announcement [D23002](#)).

## Blocking of securities versus direct debit for elective events

After an exercised voluntary corporate action event with an interim line, Clearstream processes the client instruction by debiting the parent line.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Instructed positions are always blocked before being debited, not only for EXRI events.
	Clearstream directly debits the original ISIN from the client account. A MT566 is provided after execution of the transfer.  For EXRI events, positions are first blocked on sub-account 850 before performing the debit.	Clearstream always first transfers the instructed quantity to the block position type (BLCA), resulting in a reporting via MT567 IPRC//PACK.  This is translated by CASCADE as a move to the dedicated sub-account 851. In T2S, this account is not visible, it is a blocked position.  After that, Clearstream debits the securities from the block position. A MT566 is provided after execution of the transfer.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Clearstream first transfers the instructed quantity to the block position type (BLCA), resulting in a reporting via MT567 IPRC//PACK.  After that, Clearstream debits the securities from the block position. A MT566 is provided after execution of the transfer.	Clearstream first transfers the instructed quantity to the block position type (BLCA), resulting in a reporting via MT567 IPRC//PACK.  After that, Clearstream debits the securities from the block position. A MT566 is provided after execution of the transfer.	

The blocking of positions for CBF clients currently using KADI will in the future be performed by moving the positions to sub-account 851 instead of 850. Clearstream will open the necessary sub-account for the clients, if necessary.

## Fraction handling

Corporate action events with a security option may end with fractions.

**Example:** Spin-off with 2:1 ratio. For a position of 3 securities, client would be entitled to 1.5 resulting securities. However, with the minimum tradeable quantity being 1, client can only receive one share. The remaining fraction of 0.5 is usually paid out (cash in lieu) if agreed with and supported by the issuer.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	CBF will directly pay out the cash compensation from fractional (interim ISIN) positions to clients instead of the paying agent
	<p>Whenever a corporate action ends with fractions, it is handled via a separate interim line (temporary ISIN) that is created and distributed to entitled clients, if applicable.</p> <p>Clients may then use exercise period to exchange the interim line for the resulting securities or exchange it for cash with the main paying agent according to the internally regulated positions of beneficial owners.</p> <p>After the exercise period, Clearstream, on behalf of the client, will exchange any uninstructed positions for the resulting securities (using a SECU option). Remaining fractional positions will be compensated in cash using a instruction (with SELL option).</p>	<p>Whenever a corporate action ends with fractions, it is handled via a separate interim line (temporary ISIN) that is created and distributed to entitled clients, if applicable.</p> <p>Clients may then use the exercise period to exchange the interim line for the resulting securities or exchange it for cash with CBF according to the internally regulated positions of beneficial owners.</p> <p>After the exercise period, Clearstream, on behalf of the client, will exchange any uninstructed positions for the resulting securities (using a SECU option). Remaining fractional positions will be compensated in cash (with SELL option).</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Whenever a corporate action ends with fractions, the cash equivalent of fractional positions will be directly (without interim line) credited to the client's DCA, if applicable.</p> <p>The cash equivalent is either</p> <ul style="list-style-type: none"> <li>• a pre-agreed price with the Issuer or Agent;</li> <li>• the market value as determined by the local market representative or agent; or</li> <li>• the up-to-date market value at which the securities are traded on the local exchange.</li> </ul>	<p>Whenever a corporate action ends with fractions, the cash equivalent of fractional positions will be directly (without interim line) credited to the client's DCA, if applicable.</p> <p>The cash equivalent is either</p> <ul style="list-style-type: none"> <li>• a pre-agreed price with the Issuer or Agent;</li> <li>• the market value as determined by the local market representative or agent; or</li> <li>• the up-to-date market value at which the securities are traded on the local exchange.</li> </ul>	

Please note that for CBL and LuxCSD clients processing DE-securities, the usage of interim lines is introduced. That is, clients will receive the interim line and need to exchange it for the resulting securities or cash.

## Narrative structure

In the corporate action confirmation message (MT566), Clearstream provides a narrative to further inform on details of the payment.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The content of the narrative will change. Information such as the Terminart (KADI event type) or the BID will no longer be provided in the narrative.
	<p>Content of the narrative of automated instructions:</p> <ul style="list-style-type: none"> <li>TERMINART (3-digit code);</li> <li>BID (13-digit WM key);</li> <li>Narrative event description (only FoP instruction);</li> <li>KADI-LAUF-NR (5 digits).</li> </ul> <p>Example PFoD: 122 2020110446800 87041</p> <p>Example FoP: 231 2021092825500 DE000GF6YL10 TILGUNG IN WERTPAPIEREN 86839</p>	<p>Content of the narrative of automated instructions:</p> <ul style="list-style-type: none"> <li>Event type (4-letter Swift code);</li> <li>Direction or reason of the event (CRED or DEBT);</li> <li>Underlying event basis ISIN;</li> <li>Payment date (DDMONYY).</li> </ul> <p>Second line:</p> <ul style="list-style-type: none"> <li>Market team;</li> <li>Entitled quantity (with different format);</li> </ul> <p>Additional information – if available – in further lines.</p> <p>Example: :70E: :TXNR//DVCACRED FR0000121485 17JAN22</p> <p>PID QTY 1.100 CASH CRED T2S- ACTOR-REF CSTDY00073791876</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Content of the narrative of automated instructions:</p> <ul style="list-style-type: none"> <li>Event type (4-letter Swift code);</li> <li>Direction or reason of the event (CRED or DEBT);</li> <li>Underlying event basis ISIN;</li> <li>Payment date (DDMONYY).</li> </ul> <p>Second line:</p> <ul style="list-style-type: none"> <li>Market team;</li> <li>Entitled quantity (with different format);</li> </ul> <p>Additional information – if available – in further lines.</p> <p>Example: :70E: :TXNR//DVCACRED FR0000121485 17JAN22</p>	<p>Content of the narrative of automated instructions:</p> <ul style="list-style-type: none"> <li>Event type (4-letter Swift code);</li> <li>Direction or reason of the event (CRED or DEBT);</li> <li>Underlying event basis ISIN;</li> <li>Payment date (DDMONYY).</li> </ul> <p>Second line:</p> <ul style="list-style-type: none"> <li>Market team;</li> <li>Entitled quantity (with different format);</li> </ul> <p>Additional information – if available – in further lines.</p> <p>Example: :70E: :TXNR//DVCACRED FR0000121485 17JAN22</p>	

	As-is process	Future process	CBF client impact
	PID QTY 1.100 CASH CRED T2S-ACTOR-REF CSTDY00073791876	PID QTY 1.100 CASH CRED T2S-ACTOR-REF CSTDY00073791876	

## DVOP CHOS

A DVOP CHOS dividend event contains an option for the client to either receive the dividend in cash or instead receive new securities.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	The DVOP CHOS event consists of multiple events: 1. RHDI/MAND for the booking of the interim line. 2. DVCA/MAND for the taxable part of the dividend payment. 3. DVOP/CHOS with security and cash option. For the former, a second interim line is credited. 4. EXOF/MAND for the exchange of second interim line to resulting securities.	The DVOP CHOS event consists of multiple events: 1. RHDI/MAND for the booking of the interim line. 2. DVCA/MAND for the taxable part of the dividend payment. 3. DVOP/CHOS with security and cash option. For the former, a second interim line is credited. 4. EXOF/MAND for the exchange of second interim line to resulting securities.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	The DVOP CHOS event consists of one event: 1. DVOP/CHOS with security and cash option. For the former, the resulting securities are directly booked.	The DVOP CHOS event consists of one event: 1. DVOP/CHOS with security and cash option. For the former, the resulting securities are directly booked.	

Please note that for CBF clients currently using the optional service offering in OneCAS and for CBL clients, this results in a processing change for CBF-issued securities. Similar to the current OneCAS processing, there is currently no EXOF/MAND event for these clients.

With the KADI DE Migration, the current OneCAS and CBL Asset Servicing service will be amended to streamline the processing of DVOP CHOS for CBF-issued securities in line with German market practices.

That is, three additional events are processed: The RHDI/MAND event in order to distribute the first interim line, the DVCA/MAND event for the taxable part of the dividend payment and the EXOF/MAND event where the second interim line received in the DVOP/CHOS event will be exchanged into the resulting security.

## Partial redemption

In the event of a partial redemption before maturity without pool factor reduction (PCAL), Clearstream blocks the redeeming securities in order to prevent any change in position.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	<p>Redeeming positions will be blocked in any case, resulting in the respective reporting.</p> <p>Securities quoted as percentage are reported as percentage.</p>
	<p>Redeeming positions are only blocked at the end of the entitlement day when there is a full business day between the entitlement date and the payment date.</p> <p>Securities quoted as percentage are set up to show the face amount instead of a percentage in the reporting to avoid rounding problems.</p> <p>Example:</p> <p>:16R:CASHMOVE</p> <p>:22H::CRDB//CRED</p> <p>:98A::PAYD//20220311</p> <p>:98A::VALU//20220311</p> <p>:92A::RATE//89,594</p> <p>:90A::OFFR//ACTU/950,</p> <p>:16S:CASHMOVE</p>	<p>Redeeming positions will always be blocked at the end of the entitlement day.</p> <p>Securities quoted as percentage are reported as percentage.</p> <p>Example:</p> <p>:16R:CASHMOVE</p> <p>:22H::CRDB//CRED</p> <p>:98A::PAYD//20220311</p> <p>:98A::VALU//20220311</p> <p>:92A::RATE//89,594</p> <p>:90A::OFFR//PRCT/100,</p> <p>:16S:CASHMOVE</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Redeeming positions will always be blocked at the end of the entitlement day.</p> <p>Securities quoted as percentage are reported as percentage.</p>	<p>Redeeming positions will always be blocked at the end of the entitlement day.</p> <p>Securities quoted as percentage are reported as percentage.</p>	

## CORP ID over the entire corporate action event

The CORP ID is an unique reference assigned by Clearstream to identify a corporate action event. In the event announcement (MT564), it is communicated in the field :20C::CORP//16x.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The CORP ID will no longer change through the corporate action event but always stay the same
	<p>The CORP ID provided during the booking of security proceeds may, depending on the corporate action event, differ from the CORP ID initially announced.</p> <p>Example (exercise of warrants):</p> <p>Initially announced: :20C::CORP//1222020012980600</p> <p>Used in MT566 (cash credit): :20C::CORP//1222020012980600</p> <p>Used in MT566 (debit of securities): :20C::CORP//2222020012980600</p>	<p>The CORP ID stays the same through the entire corporate action event.</p> <p>That is, the initially announced CORP ID is also used for the booking of proceeds (MT566, PFoD etc.)</p> <p>Example:</p> <p>Initially announced: :20C::CORP//AC12345</p> <p>Used in MT566 (cash credit and debit of securities): :20C::CORP//AC12345</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>The CORP ID stays the same through the entire corporate action event.</p> <p>That is, the initially announced CORP ID is also used for the booking of proceeds (MT566, PFoD etc.)</p> <p>Example:</p> <p>Initially announced: :20C::CORP//AC12345</p> <p>Used in MT566: :20C::CORP//AC12345</p>	<p>The CORP ID stays the same through the entire corporate action event.</p> <p>That is, the initially announced CORP ID is also used for the booking of proceeds (MT566, PFoD etc.)</p> <p>Example:</p> <p>Initially announced: :20C::CORP//AC12345</p> <p>Used in MT566: :20C::CORP//AC12345</p>	



## PFOD model

Clearstream processes income distributions on stock via PFoD instructions.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	<p>PFoDs as part of income distributions are instructed “net”, that is, the tax processing is included.</p> <p>PFoDs generated as part of market claims are instructed “gross”, that is, the tax is processed separately.</p>	<p>PFoDs as part of income distributions are instructed “net”, that is, the tax processing is included.</p> <p>PFoDs generated as part of market claims are instructed “gross”, that is, the tax is processed separately.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>PFoDs are generally instructed “net”, that is, the tax processing is included.</p> <p>If no information on tax rate and/or status are available, “gross” processing applies.</p>	<p>PFoDs are generally instructed “net”, that is, the tax processing is included.</p> <p>If no information on tax rate and/or status are available, “gross” processing applies.</p>	

Please note that the processing for CBL and LuxCSD clients on the German market changes as PFoDs generated as part of market claims will in the future be created “gross” with a separate tax adjustment. That is, for PFoDs generated as part of market claims, instead of one “net” PFoD instruction, there are two PFoD instructions:

- First, a “gross” transaction which does not consider the tax deduction;
- Second, an overnight tax adjustment to get to the same “net” result as before.

When the first PFoD is a debit, then the later tax adjustment is a credit processed via a Clearstream transfer account. Accordingly, clients receive reporting for two PFoDs with their respective amounts.

Please be aware that one bulk tax adjustment instruction for the re-crediting of tax payments will be created at the end of every day (starting on entitlement date and running on a daily basis until the end of the market claim period). A corresponding report to explain the different daily market claim tax adjustment instructions will be provided (“Tax Credit Report”).

The tax adjustment debit is processed market claim per market claim and is generated at the same time as the compensation instruction.

### 3.4 Registered shares

No changes will be made to the current processing of corporate action events for registered shares.

However, please note that internal instructions with instruction type AA01 P are not sent to T2S and are therefore not eligible for OneCAS transaction management. Please refer to the sub-section "[Internal instructions \[AA01 P\]](#)" for details.

### 3.5 Decision management

This chapter describes the changes for the processing of client instructions during corporate action events. Whenever not explicitly mentioned, current processing rules remain the same as they are at present. Please refer to the [CBF Client Handbook](#) and the [OneClearstream Client Handbook](#) for more detailed documentation on already existing processes in KADI and OneCAS respectively.

#### Instruction limits

For instructions with a high volume, CASCADE requires the splitting into multiple smaller instructions as a result of technical limitations.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	For an instructed quantity greater than 10.000.000.000, the securities instruction for CASCADE is split in several instructions each inferior to 10.000.000.000.	For an instructed quantity greater than 10.000.000.000, the securities instruction for CASCADE is split in several instructions each inferior to 10.000.000.000.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	No corresponding process	No corresponding process	

## Instruction event identification

For electronic instructions on corporate action events, clients are required to include the necessary referencing in order for Clearstream to identify to corresponding event.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	<p>Clients are required to fill the CORP ID to link to the corresponding MT564 Corporate Action Notification.</p> <p>Clients can optionally use the COAF. The COAF will be used by Clearstream to identify the related event if the CORP ID is filled with "NONREF".</p> <p>If there is conflicting information in COAF and CORP ID, then no straight-through-processing can be ensured.</p>	<p>Clients are required to fill the CORP ID to link to the corresponding MT564 Corporate Action Notification.</p> <p>Clients can optionally use the COAF. The COAF will be used by Clearstream to identify the related event if the CORP ID is filled with "NONREF".</p> <p>If there is conflicting information in COAF and CORP ID, then no straight-through-processing can be ensured.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	Clients may extend the referencing to include the COAF but are not required to do so
	<p>Clients are required to use the CORP ID to link to the corresponding MT564 Corporate Action Notification.</p> <p>Clients cannot use the COAF.</p>	<p>Clients are required to fill the CORP ID to link to the corresponding MT564 Corporate Action Notification.</p> <p>Clients can optionally use the COAF, where available. The COAF will be used by Clearstream to identify the related event if the CORP ID is filled with "NONREF".</p> <p>If there is conflicting information in COAF and CORP ID, then no straight-through-processing can be ensured.</p>	

## Voluntary events with interim line

Voluntary corporate action events generally include the option for the client to receive securities. Clearstream processes the corporate action event according to the choice of clients. For the German market, the Clearstream service offering includes the possible usage of CASCADE settlement functionality instead of a corporate action instruction via MT565 or corresponding Xact Web Portal functionality.

	As-Is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	<p>Upon receipt of client instruction via MT565 and successful validation, Clearstream debits the parent line and credits an interim line.</p> <p>MT567 PACK message is sent when MT565 is validated and MT566 corporate action confirmation is created as soon as the instructed holding has been transferred from the parent line into the interim (tendered) line.</p> <p>Clients with CBF accounts may also instruct directly in Cascade to receive the tendered line and to participate in the event using KVEE/WE TR4 (settlement function).</p> <p>In this case, no corporate action reporting is provided to the client.</p>	<p>Upon receipt of client instruction via MT565 and successful validation, Clearstream debits the parent line and credits an interim line.</p> <p>MT567 PACK message is sent when MT565 is validated and MT566 corporate action confirmation is created as soon as the instructed holding has been transferred from the parent line into the interim (tendered) line.</p> <p>Clients with CBF accounts may also instruct directly in Cascade to receive the tendered line and to participate in the event using KVEE/WE TR4 (settlement function).</p> <p>In this case, no corporate action reporting is provided to the client.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Upon receipt of client instruction via MT565 and successful validation, Clearstream blocks the positions until the payment is completed.</p> <p>MT567 PACK message is sent when MT565 is validated and blocking has been processed.</p> <p>No interim line is created.</p> <p>The settlement function is not available to clients.</p>	<p>Upon receipt of client instruction via MT565 and successful validation, Clearstream blocks the positions until the payment is completed.</p> <p>MT567 PACK message is sent when MT565 is validated and blocking has been processed.</p> <p>No interim line is created.</p> <p>The settlement function is not available to clients.</p>	

## Pending instructions

Upon the receipt of a client instruction, Clearstream performs a variety of validations and provides feedback to the client via MT567.

Clients will receive an MT567 Corporate Action Status and Processing Advice (PACK, PEND or REJT) for each corporate action instruction, including cancellation, sent via Swift MT565 or Xact Web Portal. This report indicates whether the instruction or cancellation is received by Clearstream, accepted for processing, rejected or denied. Each report contains the ISO 15022-compliant status code, reason codes and reason narrative.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clearstream will provide MT567 IPRC//PEND to clients only in specific cases
	<p>For a valid instruction, Clearstream provides MT567 IPRC//PACK.</p> <p>For an invalid instruction, Clearstream provides MT567 IPRC//REJT.</p> <p>In the event of ongoing (non-STP) investigation, Clearstream provides MT567 IPRC//PEND and PEND//NARR with a reason.</p>	<p>For a valid instruction, Clearstream provides MT567 IPRC//PACK.</p> <p>For an invalid instruction, Clearstream provides MT567 IPRC//REJT.</p> <p>Clearstream provides MT567 IPRC//PEND and PEND//NARR if the end of suspension period or the start of exercise period is in less than five days.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>For a valid instruction, Clearstream provides MT567 IPRC//PACK.</p> <p>For an invalid instruction, Clearstream provides MT567 IPRC//REJT.</p> <p>Clearstream provides MT567 IPRC//PEND and PEND//NARR if the end of suspension period or the start of exercise period is in less than five days.</p>	<p>For a valid instruction, Clearstream provides MT567 IPRC//PACK.</p> <p>For an invalid instruction, Clearstream provides MT567 IPRC//REJT.</p> <p>Clearstream provides MT567 IPRC//PEND and PEND//NARR if the end of suspension period or the start of exercise period is in less than five days.</p>	

## Voluntary events instructions handling

For voluntary events, Clearstream includes the related deadlines in the announcement. Clients should always send instructions prior to Clearstream deadline. Instructions are processed according to deadline priorities (when applicable). Instructions received from clients are validated by Clearstream and forwarded to the Lead Manager/Paying Agent in bulk mode on deadline date.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	<p>MT565 instructions by clients are accepted until the Market deadline.</p> <p>Clients have two business days to move securities (settlement period) according to their instruction after the market deadline, if such service is offered by the agent.</p> <p>In the meantime, the instructions are acknowledged via MT567 with the status PEND.</p> <p>MT565 instructions received after the end of the Market deadline or after the settlement period, if applicable, will receive MT567 REJT.</p> <p>MT565 sent by clients after CBF deadline but before market deadline (for subscription offers / EXRI events) will receive status PEND and manual interaction by Clearstream is required. After this, status will be manually updated to PACK or REJT.</p>	<p>MT565 instructions by clients are accepted until the Market deadline.</p> <p>Clients have two business days to move securities (settlement period) according to their instruction after the market deadline, if such service is offered by the agent.</p> <p>In the meantime, the instructions are acknowledged via MT567 with the status PEND.</p> <p>MT565 instructions received after the end of the Market deadline or after the settlement period, if applicable, will receive MT567 REJT.</p> <p>MT565 sent by clients after CBF deadline but before market deadline (for subscription offers / EXRI events) will receive status PEND and manual interaction by Clearstream is required. After this, status will be manually updated to PACK or REJT.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>MT565 instructions by clients are accepted until the Market deadline.</p> <p>For instructions where at the time of receipt no positions are available, Clearstream decides on the case-by-case basis on how to proceed.</p> <p>MT565 instructions received after the end of the Market deadline will receive MT567 REJT.</p>	<p>MT565 instructions by clients are accepted until the Market deadline.</p> <p>For instructions where at the time of receipt no positions are available, Clearstream decides on the case-by-case basis on how to proceed.</p> <p>MT565 instructions received after the end of the Market deadline will receive MT567 REJT.</p>	

## Deductions

Holdings on sub-account -650 will not be subject for payment. Clients may choose to transfer positions to the sub-account in order to prevent them from participating in the corporate actions, for example, for legal reasons.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clients may optionally use MT565 for deduction.  The already existing processes for deductions remain in place.
	Clients have two possibilities to deduct positions from a corporate action event: <ul style="list-style-type: none"> <li>• The client directly transfers securities to the sub-account;</li> <li>• The client instructs Clearstream via MT599 to deduct the securities.</li> </ul>	Clients have three possibilities to deduct positions from a corporate action event: <ul style="list-style-type: none"> <li>• The client directly transfers securities to the sub-account;</li> <li>• The client instructs Clearstream via MT565 to deduct holdings from the entitled position;</li> <li>• The client instructs Clearstream via MT599 to manually deduct the securities.</li> </ul>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	No deduction service is offered. Manual processing based on MT599 may apply.	No deduction service is offered. Manual processing based on MT599 may apply.	

In order to ensure straight-through-processing, the MT565 needs to include the following data:

- CORP ID of the event has to be referenced in :20C::CORP.
- Deducted quantity has to be specified in :36B::QINS. The instructed deduction quantity cannot be larger than the entitlement quantity – if this is the case, the MT565 will be rejected.
- Dedicated narrative “NEW DEDUCTION INSTRUCTION” has to be included in field :70E::INST.
- In case of a cancellation of the deduction message, the narrative CANCEL OF DEDUCTION INSTRUCTION should be used.

Please note that in order to update an already submitted deduction, it is required to first cancel the existing deduction and then submit a new MT565 deduction request with the updated quantity.

### Example:

```
:16R:GENL
:20C::CORP//AC12345678
:20C::SEME//1234567890
:23G:NEWM
:22F::CAEV//BIDS
:16S:GENL
:16R:USECU
:35B:ISIN XS1379158550
:16R:ACCTINFO
:97A::SAFE//xxxx
```



:93B::ELIG//FAMT/1470000,  
:93B::SETT//FAMT/1470000,  
:16S:ACCTINFO  
:16S:USECU  
:16R:CAINST  
:13A::CAON//001  
:22H::CAOP//CASH  
:35B:ISIN XS1379158550  
**:36B::QINS//FAMT/150000,**  
**:70E::INST// NEW DEDUCTION INSTRUCTION**  
:16S:CAINST

Clearstream confirms the receipt of the MT565 by sending a MT567 Corporate Action Status and Processing Advice message.

Client may use standing deduction instructions, which are applicable for more than one corporate action event. For this, clients should contact Clearstream via MT599.

## Instructions on sanctioned holdings

Client accounts may be subject to sanctions (for example, income deduction case, income freezing case and income pay out case) and therefore restricted from participating in corporate action events.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Instructions on sanctioned holdings are not processed and according reporting is provided.
	Client instructions received for sanctioned holdings are processed manually.  Clearstream sends a MT567 PEND with the wording "YOUR INSTRUCTION IS UNDER VALIDATION" in the narrative.	Client instructions received for sanctioned holdings or accounts are rejected and not processed.  Clearstream sends a MT567 REJT with reason code NARR and the wording "Instruction on sanctioned account not accepted" in the narrative.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	Instructions on sanctioned holdings are not processed and according reporting is provided.
	Client instructions received for sanctioned holdings are processed manually.  Clearstream send a MT567 PACK/REJT upon acceptance or rejection, respectively, of the instruction.	Client instructions received for sanctioned holdings or accounts are rejected and not processed.  Clearstream sends a MT567 REJT with reason code NARR and the wording "Instruction on sanctioned account not accepted" in the narrative.	

### Instruction quantity type AMOR

The amortised value (AMOR) is the quantity expressed as an amount representing the current amortised face amount of a bond, for example, a periodic reduction/increase of a bond's principal amount.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clients will no longer be able to use the quantity type indicator AMOR.
	KADI allows and the usage of the quantity type indicator AMOR. Instructions with this indicator are processed manually as no STP is possible.	OneCAS does not allow the usage of quantity type indicator AMOR.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	OneCAS does not allow the usage of quantity type indicator AMOR.	OneCAS does not allow the usage of quantity type indicator AMOR.	

### 3.6 Reversal and repayment

This chapter describes the changes for the processing of the reversal and repayment of corporate action events. Whenever not explicitly mentioned, current processing rules remain the same as they are at present. Please refer to the [CBF Client Handbook](#) and the [OneClearstream Client Handbook](#) for more detailed documentation on already existing processes in KADI and OneCAS respectively.

#### Reversal repayment announcement and reporting

A corporate action event might be subject to a reversal due to a change or an incorrect setup of the event details (for example, record date, ex-date) that affects the entitlement and payment processing.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	<p>For the client reporting of reversal for voluntary events, MT568 will be used instead of MT564.</p> <p>Generally, MT564 will use the qualifier ADDB REVR instead of CANC.</p>
	<p>A reversal (cancel and re-run) may occur when the corporate action event data (for example, date, price) is incorrect.</p> <p>Clients are informed via MT564 CANC for all corporate action event types.</p>	<p>A reversal may occur only when the corporate action event data (for example, date, price) is incorrect.</p> <p>For income events, clients are informed via MT564 ADDB REVR (CRA-reporting).</p> <p>For voluntary non-income events, clients are informed via MT568.</p> <p>For mandatory non-income events, clients are informed via MT564 ADDB REVR (CRA-reporting).</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	<p>For the client reporting of reversal for mandatory non-income events, MT564 will be used instead of MT568, that is, the CRA-reporting will be enhanced<sup>1</sup>.</p>
	<p>A reversal may occur only when the corporate action event data (for example, date, price) is incorrect or when the depository performs a reversal. Generally, reversals are performed on account level.</p> <p>For income events, clients are informed via MT564 ADDB REVR (Claim and Reversal Advice/CRA-reporting).</p> <p>For non-income events, clients are informed via MT568.</p>	<p>A reversal may occur only when the corporate action event data (for example, date, price) is incorrect or when the depository performs a reversal. Generally, reversals are performed on account level.</p> <p>For income events, clients are informed via MT564 ADDB REVR (CRA-reporting).</p> <p>For voluntary non-income events, clients are informed via MT568.</p> <p>For mandatory non-income events, clients are informed via MT564 ADDB REVR (CRA-reporting).</p>	

<sup>1</sup> Following events will be added:

ACTV, ATTI, BONU/CHOS, BRUP, CHAN, CONV, CREV, DETI, DFLT, DRAW, DSCL, EXOF, EXTM, EXWA, INCR, INFO, LIQU, MRGR, OTHR, PARI, PLAC, PINK, PPMT, SMAL, SPLR, TEND, TREC, WRTH

## Reversal repayment period

The reversal repayment period defines for how long in relation to the payment date the reversal of a corporate action can take place. In most cases, reversals are announced not too long after an event.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	Reversal repayment can take place up to 280 days after the Payment Date without any impact on the standard reporting.	Reversal repayment can take place up to 280 days after the Payment Date without any impact on the standard reporting.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	The reversal repayment period is extended to 280 days.
	Reversal repayment can take place up to 180 days after the Payment Date without any impact on the standard reporting.	Reversal repayment can take place up to 280 days after the Payment Date without any impact on the standard reporting.	

## Cancel of Reversal repayment

An announced reversal request may be cancelled as long as it has not been executed.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clearstream will provide extended information in the cancellation message via narrative and reference fields.
	Reversals can be cancelled as long as they have not been executed.  In this case, a MT564 ADDB message will be created and sent to clients and agents.	Reversals can be cancelled as long as they have not been executed.  In this case, a MT564 ADDB message with specific reason code in narrative field :70E: and reference to the originally communicated reversal via field :20C: will be created and sent to clients and agents.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	Clearstream will provide extended information in the cancellation message via narrative and reference fields.
	Reversals can be cancelled as long as they have not been executed.  In this case, a MT564 ADDB message will be created and sent to clients and agents.	Reversals can be cancelled as long as they have not been executed.  In this case, a MT564 ADDB message with specific reason code in narrative field :70E: and reference to the originally communicated reversal via field :20C: will be created and sent to clients and agents.	

**Note:** This functionality has been activated on OneCAS already on 20 March 2023. Meaning that for securities which are already today processed via OneCAS (that is, LMP securities), the described change is already active since 20 March 2023.

## 3.7 Transaction Management

This chapter describes the changes for the processing of corporate action events on flow. Whenever not explicitly mentioned, current transaction management rules with regard to instructions or affected events remain the same as they are at present. Please refer to the [CBF Client Handbook](#) and the [OneClearstream Client Handbook](#) for more detailed documentation on already existing processes in KADI and OneCAS respectively.

## Reporting of transformations

A transformation occurs as a result of a reorganisation event where the ISIN or the nominal of a given security changes. Pending transactions are cancelled and replaced by new transactions with a changed ISIN or ratio or by PFoDs. The transformations lifecycle includes detection of the transformation, cancellation of underlying instructions and re-instruction, whenever applicable.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	In line with CAJWG standards, the corporate action reporting for transformations via MT564 and MT566 will no longer be available to clients.
	<p>Transformations are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. MT564 REPE is generated on record date;</li> <li>2. Cancellation of the original instruction via MT548;</li> <li>3. New instruction in the resulting ISIN via MT54x (transformation in security) or credit of cash via PFoD on DCA for EUR or 6-series account for non-EUR, respectively (transformation in cash);</li> <li>4. Settlement of the proceeds and settlement confirmation via MT544-7;</li> <li>5. Reporting of the final settlement of the corporate action proceeds via MT566.</li> </ol>	<p>Transformations are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. Cancellation of the original instruction via MT548;</li> <li>2. New instruction in the resulting ISIN via MT54x (transformation in security) or credit of cash via PFoD on DCA for EUR or 6-series account for non-EUR, respectively (transformation in cash);</li> <li>3. Settlement of the proceeds and settlement confirmation via MT544-7.</li> </ol>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Transformations are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. Cancellation of the original instruction via MT548;</li> <li>2. New instruction in the resulting ISIN via MT54x (transformation in security) or credit of cash via PFoD on DCA for EUR or 6-series account for non-EUR, respectively (transformation in cash); Settlement of the proceeds and settlement confirmation via MT544-7.</li> </ol>	<p>Transformations are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. Cancellation of the original instruction via MT548;</li> <li>2. New instruction in the resulting ISIN via MT54x (transformation in security) or credit of cash via PFoD on DCA for EUR or 6-series account for non-EUR, respectively (transformation in cash);</li> <li>3. Settlement of the proceeds and settlement confirmation via MT544-7.</li> </ol>	

## Reference to underlying trade for transformations

In the reporting for transformations into securities and into cash, a reference to the underlying trade is included.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clients will receive the same settlement transaction indicator as in the underlying instruction.
	The MT548 includes the settlement transaction indicator SETR//TRAD.	The MT548 includes the same settlement transaction indicator as in the underlying instruction (for example, SETR//TRAD or SETR//CLAI) and the settlement transaction condition indicator STCO//TRAN.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	Clients will receive the same settlement transaction indicator as in the underlying instruction.
	The MT548 includes the settlement transaction indicator SETR//CORP and the settlement transaction condition indicator STCO//TRAN.	The MT548 includes the same settlement transaction indicator as in the underlying instruction (for example, SETR//TRAD or SETR//CLAI) and the settlement transaction condition indicator STCO//TRAN.	



## Market claims and reverse market claims

Market claims and reverse market claims are the processes to reallocate the proceeds of a distribution to the contractually entitled party. A claim can occur for income and non-income distribution events. The lifecycle includes detection of market claim or reverse market claim and compensation of the claim via additional settlement instructions, whenever applicable.

Market claims are processed if a security is traded "cum" (with coupon) but settled after the entitlement date. This process is applied for OTC and stock exchange trades.

Reverse market claims are processed if the trade date is on or after the ex-date and the settlement date is on or before the record date. This process is applied for OTC trades, stock exchange trades and CCP trades.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The MT564 reporting is changed to the OneCAS format (see <a href="#">Chapter 4</a> ).
	<p>Market claims and reverse market claims are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. A MT564 REPE is generated as soon as a market claim or reverse market claim has been detected;</li> <li>2. A settlement instruction (FoP for securities, PFoD for cash) is generated as soon as the underlying instruction is settled and a market claim or reverse market claim has been detected;</li> <li>3. Settlement of the market claim or reverse market claim and settlement confirmation via MT544-7;</li> <li>4. Reporting of the final settlement of the corporate action proceeds via MT566.</li> </ol>	<p>Market claims and reverse market claims are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. A MT564 ADDB is generated as soon as a market claim or reverse market claim has been detected;</li> <li>2. A settlement instruction (FoP for securities, PFoD for cash) is generated as soon as the underlying instruction is settled and a market claim or reverse market claim has been detected;</li> <li>3. Settlement of the market claim or reverse market claim and settlement confirmation via MT544-7;</li> <li>4. Reporting of the final settlement of the corporate action proceeds via MT566.</li> </ol>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Market claims and reverse market claims are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. A MT564 is generated as soon as a market claim or reverse market claim has been detected;</li> <li>2. A settlement instruction (PFoD) is generated as soon as the underlying instruction is settled and a market claim or reverse market claim has been detected;</li> <li>3. Settlement of the market claim or reverse market</li> </ol>	<p>Market claims and reverse market claims are processed and reported in the following steps:</p> <ol style="list-style-type: none"> <li>1. A MT564 is generated as soon as a market claim or reverse market claim has been detected;</li> <li>2. A settlement instruction (PFoD) is generated as soon as the underlying instruction is settled and a market claim or reverse market claim has been detected;</li> <li>3. Settlement of the market claim or reverse market</li> </ol>	

	As-is process	Future process	CBF client impact
	claim and settlement confirmation via MT544-7;  4. Reporting of the final settlement of the corporate action proceeds via MT566.	claim and settlement confirmation via MT544-7;  4. Reporting of the final settlement of the corporate action proceeds via MT566.	

### Market claims and reverse market claims detection

The lifecycle of market claims and reverse market claims begins with the detection of pending transactions in securities with income and non-income distribution events, whenever applicable. Compensation instructions are created based on the market claim rules.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	For CCP transactions, the compensation instruction is created when detection rules are fulfilled and the underlying instruction is matched at the end of the entitlement date.  For all other transactions (for example, OTC or SE), the compensation instruction is created when detection rules are fulfilled and the underlying instruction is settled from the payment date.	For CCP transactions, the compensation instruction is created when detection rules are fulfilled and the underlying instruction is matched at the end of the entitlement date.  For all other transactions (for example, OTC or SE), the compensation instruction is created when detection rules are fulfilled and the underlying instruction is settled from the payment date.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	The compensation instruction is created when detection rules are fulfilled and the underlying instruction is matched at the end of the entitlement date.	The compensation instruction is created when detection rules are fulfilled and the underlying instruction is matched at the end of the entitlement date.	

Please note that for CBL and LuxCSD clients processing market claim and reverse market claim events for DE-securities, the detection rules are changed so that for non-CCP instructions, only settled underlying instructions are considered for the creation of market claims and reverse market claims .

## Opt-out indicator

Clients can specify in their settlement instructions if they want their trades to be excluded from the generic market claims and reverse market claims detection of CBF. This can be done via the opt-out indicator (:22F::STCO//NOMC).

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	<p>If the opt-out indicator is set, then no market claims are created.</p> <p>For reverse market claims, the opt-out indicator is not considered and compensation instructions are created.</p>	<p>If the opt-out indicator is set, then no market claims are created.</p> <p>For reverse market claims, the opt-out indicator is not considered and compensation instructions are created.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	If the opt-out indicator is set, then no market claims or reverse market claims are created.	If the opt-out indicator is set, then no market claims or reverse market claims are created.	

## Internal instructions (AA01 P)

An internal instruction with instruction type AA01 P is generated, when a client requests an account transfer of registered shares within the same CBF account. That is, buyer (LAST-KTO 1234000) and seller (GUT-KTO 1234000) of the internal instruction are the same. Hence, these types of instructions are not sent to T2S.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Market claims and transformations are no longer created for internal instructions (AA01 P).
	Internal instructions, including instruction type AA01 P, and instructions sent to T2S are considered for the generation of market claims and transformations.	<p>Only instructions sent to T2S are considered for the generation of market claims and transformations.</p> <p>Internal instructions, including instruction type AA01 P, are <b>not</b> considered for the generation of market claims and transformations.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>Only instructions sent to T2S are considered for the generation of market claims and transformations.</p> <p>Internal instructions, including instruction type AA01 P, are <b>not</b> considered for the generation of market claims and transformations.</p>	<p>Only instructions sent to T2S are considered for the generation of market claims and transformations.</p> <p>Internal instructions, including instruction type AA01 P, are <b>not</b> considered for the generation of market claims and transformations.</p>	

## Buyer protection deadline

Buyer protection (BP) is a process whereby a buyer who has yet to receive the underlying securities of an elective corporate action instructs the seller in order to receive the proceeds of his choice. The objective of buyer protection is to ensure that the buyer in a pending transaction, who has acquired the right to elect in an (elective) reorganisation, will be able to express his preferred option, and thus receive the proceeds of his choice.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The Buyer Protection Deadline will be created and added to the MT564.
	No Buyer Protection Deadline is reported in the MT564.	<p>The Buyer Protection Deadline (ECPD and GUPA) will be created by Clearstream and added in the MT564 messages generated by OneCAS for the German market.</p> <ul style="list-style-type: none"> <li>ECPD: final settlement date/ T2S business date before market deadline; <b>includes time of market deadline, if available (that is, Swift format C)</b></li> <li>GUPA: last trading date/one settlement cycle before ECPD.</li> </ul>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	Both Buyer Protection deadline dates (ECPD - Election to Counterparty Market Deadline and GUPA - Guaranteed Participation Date/Time) are included in the MT564 message, whenever local market partners provide this feedback.	Both Buyer Protection deadline dates (ECPD - Election to Counterparty Market Deadline and GUPA - Guaranteed Participation Date/Time) are included in the MT564 message, whenever local market partners provide this feedback.	No impact

Please also refer to the announcement of the [Clearstream website](#). The activation of this functionality is planned for **18 November** 2023.

## 3.8 Tax management

### Tax breakdown

With introduction of the InvStG 2018, taxation of dividends and similar income payments from investments in German equities, participation rights and convertible bonds held by foreign investment funds significantly changed. Under the new act, if the foreign investment fund obtains and provides tax status certificate including, the German withholding tax is reduced from the full tax rate of 26,375% to 15% (incl. 5,5% solidarity surcharge).

CBF clients can provide a tax reconciliation breakdown after payment for an account with a standing instruction to disclose the final beneficial owner behind the account within 30 days after entitlement.

Please refer to Announcement [D22075](#) for more details to the process.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	CBF clients will need to use different channels in order to provide tax breakdown.
	<p>CBF clients request the tax breakdown via a CSV file upload through the BO Upload application available on the Clearstream website.</p> <p>After validation, BO-Upload application either rejects the file or informs the client by a generated email.</p> <p>CBF clients may create a standing instruction by providing the certificate "Auftrag zur Abrechnung von Erträgen mit dem ermäßigten Kapitalertragsteuersatz i.S.d. § 7 Abs. 1 InvStG".</p>	<p>CBF clients request the tax breakdown via three different channels:</p> <ul style="list-style-type: none"> <li>• Swift MT565 message;</li> <li>• Xact Web Portal corporate action screen;</li> <li>• Xact Web Portal file upload functionality.</li> </ul> <p>Clearstream will provide feedback on the tax breakdown instructions via MT567 or Xact Web Portal equivalent.</p> <p>CBF clients may create a standing instruction by providing the certificate "Auftrag zur Abrechnung von Erträgen mit dem ermäßigten Kapitalertragsteuersatz i.S.d. § 7 Abs. 1 InvStG".</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Not considered for this document.	Not considered for this document.	

Xact Web Portal functionalities have been extended in order to process tax breakdowns. On the corporate action instruction screen, new (optional) fields on the beneficial owner details have been added. For the corporate action instruction file upload functionality, the template that users can download, fill out and then upload in order to enter corporate action instructions has been updated to include beneficial owner information. Field descriptions, character limitations and optional/mandatory indicator for the template are included as table in the appendix.

Mapping of KADI fields to Swift MT565 fields:

Field as-is	Description	Field to-be (Swift)
Account	Account master number	:97A::SAFE//
Event Type	Event type	:22F::CAEV//
BID	Unique event identifier	:20C::CORP//
COAF	Official corporate action event reference	:20C::COAF//
Ordnungsnummer	Tax status certificate number of the fund for which positions processed with reduced tax rate	:95S::ALTE/TXID/DE/ or :95S::OWND/TXID/DE/  Please note that at least one :95a::OWND is mandatory in the BENODET section as per Swift specifications.
Nominal	Nominal of holding to be processed with the reduced withholding tax rate	:36B::OWND//
KESt tax rate	Tax rate nominal to be processed	:92A::TAXB//
Reverse	Flag to identify reverse instructions, if necessary	:23G::CANC
Customer Ref		:20C::SEME//

Example:

```
:16R:GENL
:20C::CORP//0000000609754518
:20C::SEME//000000000001
:23G:NEWM
:22F::CAEV//INTR
:16S:GENL
:16R:USECU
:35B:ISIN DE1169331367
:16R:ACCTINFO
:97A::SAFE//xxxxxxx
:93B::ELIG//FAMT/8000000,
:16S:ACCTINFO
:16S:USECU
:16R:BENODET                               :16R:BENODET
:95V::OWND//FUND 1                        or
:95S::ALTE//TXID/DE/ Ordnungsnummer1    :95S::OWND//TXID/DE/ Ordnungsnummer1
```

:36B::OWND//FAMT/3000000,  
:16S:BENODET  
:16R:BENODET  
:95V::OWND//FUND 2  
:95S::ALTE//TXID/DE/ Ordnungsnummer2  
:36B::OWND//FAMT/5000000,  
:16S:BENODET  
:16R:CAINST  
:13A::CAON//001  
:22F::CAOP//CASH  
:36B::QINS//FAMT/3000000,  
:92A::TAXB//14,218  
:16S:CAINST

:36B::OWND//FAMT/3000000,  
:16S:BENODET  
:16R:BENODET  
:95S::OWND//TXID/DE/ Ordnungsnummer2  
:36B::OWND//FAMT/5000000,  
:16S:BENODET

## Tax voucher

From 2012, a tax voucher is required for a tax reclaim with the Federal Central Tax Office. This means, that each CBF client eligible for the benefits of a Double Taxation Treaty (DTT) needs a German tax voucher when reclaiming taxes on income from German securities. CBF creates tax vouchers only upon the request of the client.

CBF may only issue tax vouchers if there is sufficient existing "tax contingent" per event for the client. The contingent is the sum of settled positions on entitlement date plus all market claims, sales and purchases compensated by Clearstream Banking in the market claim period.

The CBF client can file an application for a single tax voucher [Einzelsteuerbescheinigung] with respect either to their own assets or to those of their client.

Furthermore, CBF provides for an accumulative tax voucher [Sammelsteuerbescheinigung] used in the context of the refund, by the domestic credit institution and ultimate custodian, of withholding tax that has been retained twice (if given).

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	
	<p>Clients request the tax voucher via a CSV file upload through the BO Upload application available on the Clearstream website.</p> <p>The client must provide within the CSV file the below data:</p> <ul style="list-style-type: none"> <li>• ISIN;</li> <li>• Ex-Date;</li> <li>• Account Master (4 digits);</li> <li>• Nominal per fund;</li> <li>• Name;</li> <li>• Address;</li> <li>• Fund Reference;</li> <li>• Tax (KESt) Rate;</li> <li>• Kind of Tax Voucher;</li> <li>• Name of second foreign depository bank;</li> <li>• Address of second foreign depository bank;</li> <li>• Date of request.</li> </ul> <p>The finalised tax voucher is printed and provided to clients via mail.</p> <p>Clearstream will store tax vouchers for ten years after creation.</p>	<p>Clients request the tax voucher either via Xact Portal or via CreationDirect.</p> <p>The client must provide within the request the below data:</p> <ul style="list-style-type: none"> <li>• ISIN;</li> <li>• Ex-Date;</li> <li>• Account: <ul style="list-style-type: none"> <li>• CBF account (7 digits);</li> <li>• CBL account (5 digits);</li> <li>• LuxCSD account (5 digits);</li> </ul> </li> <li>• Nominal per fund;</li> <li>• Name;</li> <li>• Address;</li> <li>• Fund Reference;</li> <li>• Tax (KESt) Rate;</li> <li>• Kind of Tax Voucher;</li> <li>• Name of second foreign depository bank;</li> <li>• Address of second foreign depository bank;</li> <li>• Date of request.</li> </ul> <p>The finalised tax voucher is provided to clients via Xact Web Portal or CreationDirect. Xact Web Portal offers download and print functionality.</p>	



	As-is process	Future process	CBF client impact
		Clients will have access to stored tax vouchers for ten years after creation.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Not considered for this document.	Not considered for this document.	

Please note that for corporate action events that are processed in KADI, tax vouchers have to be requested via the current process. The future process can only be used for events processed in OneCAS.

Process description:

	Xact Web Portal	CreationDirect (Xact File Transfer)
<b>Tax voucher request</b>	Clients have to use the template to generate a csv file. This file can then be uploaded on the dedicated tax voucher screen.	Clients have to use the template to generate a csv file. This file can then be uploaded in CreationDirect.
<b>Tax voucher request cancellation</b>	Existing tax vouchers can be cancelled via the Xact Web Portal Tax voucher list view as well as the voucher's respective detailed view.  The tax contingent is automatically adapted after cancellation.	Existing tax vouchers can be cancelled via upload of the csv generated out of the template's "Download&Cancellation Requests" tab.  The tax contingent is automatically adapted after cancellation.
<b>Tax voucher download/ reprint</b>	Client can download the finalised tax vouchers via the Xact Web Portal Tax voucher detailed view.  No archiving of tax vouchers.	Clients can download the finalised tax vouchers received via CreationDirect.  Already archived tax vouchers can be reprinted (i. e. made available for download again) via upload of the csv generated out of the template's "Download&Cancellation Requests" tab.
<b>Tax voucher status</b>	Clients can use Xact Web Portal functionality to search for specific tax voucher (for instance, by searching for the unique tax voucher ID) and see the current processing status	Clients receive feedback on the tax voucher processing status via status reports in CreationDirect.

Field descriptions, character limitations and optional/mandatory indicator for the template in Xact Web Portal/ CreationDirect are included as table in the appendix. The corporate action event related to the entry on the tax voucher request can be identified with certainty by providing either the corporate action reference or the ISIN in combination with event type and record date / payment date. If less data is provided (e. g. only ISIN) this may in some cases suffice to identify the related corporate action event. If not, the tax voucher request is rejected as more information is required to identify the correct event.

## Tax adjustment instruction market claim reporting

Tax adjustment instructions are used for the debiting or crediting of taxable amounts as part of the market claim processing.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	One bulk tax adjustment instruction for the recrediting of tax payments is created at the end of every day (starting on entitlement date and running on a daily basis until the end of the market claim period).  The report KD184 explains the different daily market claim tax adjustment instructions.	One bulk tax adjustment instruction for the recrediting of tax payments is created at the end of every day (starting on entitlement date and running on a daily basis until the end of the market claim period).  A corresponding report to explain the different daily market claim tax adjustment instructions is provided.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Tax adjustment instructions for the recrediting of tax payments are created for every event.	Tax adjustment instructions for the recrediting of tax payments are created for every event.	

Please note that for CBL and LuxCSD clients processing DE-securities, the recrediting is changed to be done in one bulk instruction at the end of the day.

### 3.9 Main Paying Agent Reporting

Today, in KADI, Main Paying Agents/Lead Managers ("Zahlstellen") use Swift messages, the CASCADE Online screens (KVGI) or dedicated KADI-Reports (for instance, KD112) to retrieve information about corporate action events and the corresponding payments. With the migration of corporate action processing to OneCAS, CASCADE Online Screens and KADI-Reports are no longer supported for the migrated events and securities. Instead, an alternative automated processing solution is available. Swift reporting remains available, but requires a new subscription within Xact Web Portal.

#### Corporate action reporting via Swift

Clearstream will send MT564 notifications and MT566 payment confirmations to the Main Paying Agents/Lead Managers as follows:

- MT564 for Main Paying Agents will provide a reference to the Main Paying Agent "ADVICE FOR PAYING AGENT" in field 70E::ADTX of the MT564 sequence F (ADDINFO).
- MT566 for Main Paying Agents will provide a reference to the Main Paying Agent "CONFIRMATION FOR PAYING AGENT" in field 70E::ADTX of the MT566 sequence E (ADDINFO), along with T2S actor reference and ref-owner BIC.
- MT564 for Lead Managers will provide a reference to the Lead Manager "ADVICE FOR LEAD MANAGER" in field 70E::ADTX of the MT564 sequence F (ADDINFO).
- MT566 for Lead Managers will provide a reference to the Lead Manager "CONFIRMATION FOR LEAD MANAGER" in field 70E::ADTX of the MT566 sequence E (ADDINFO), along with T2S actor reference and ref-owner BIC.

Report frequency is real-time.

#### Subscription

Main Paying Agents/Lead Managers using MT564 and/or MT566 Swift messages need to be aware that existing reporting subscriptions out of KADI will not be migrated by Clearstream, independent of reporting channel (Swift, MQ, FileTransfer). The reporting options "MT564 for Paying Agents" and "MT566 for Paying Agents" have been created within Xact Web Portal (please see screenshot below) and apply for Lead Manager reporting as well as for Main Paying Agent reporting. That is, Main Paying Agents/Lead Managers that want to use Swift messages need to create a new subscription within Xact Web Portal in advance of the migration weekend.

Report subscription for MT564 and MT566 has to be set up by Main Paying Agents/Lead Managers via Xact Web Portal. The available reporting channels are Swift, MQ and Xact (for download). Please note that the subscription is available in the production environment as of 03 April 2023. Please use the subscription start date 30/06/2023 in order to ensure that messages will be generated during the migration weekend.

The screenshot shows the 'New report subscription' form in the Xact Web Portal. At the top, there are tabs for 'Create', 'Query / List', and 'New report subscription'. Below the tabs, there are three tabs labeled 'Start', '1', '2', and 'End'. The 'Report type' dropdown menu is open, showing a list of options including 'MT564 for Paying Agents' and 'MT566 for Paying Agents'. The form also includes fields for 'Account operator \*', 'Business service \*', 'Ownership', 'Financial institution', and 'Mailing address'. The 'Account operator \*' field is set to 'CBF-T2S'. The 'Business service \*' field is set to 'Asset Servicing'. The 'Ownership' field is set to 'Xact'. The 'Financial institution' field is empty. The 'Mailing address' field is set to 'Please select...'. The form has 'Cancel' and 'Next' buttons at the bottom right.

Figure 2: Main Paying Agents/Lead Managers reporting subscription in Xact Web Portal

Please also refer to the [video guides](#) or the [User Manual](#) for details on how to set up reporting subscriptions. In case of uncertainties, please contact the Clearstream Connectivity-Team for support via phone (+49 (0) 69 / 211 11590) or email ([connect@clearstream.com](mailto:connect@clearstream.com)).

Important aspect to consider for the subscription: KADI subscriptions are on account master level (Kontostamm / 4-digit number), automatically covering all accounts below the account master (for instance, xxxx000, xxxx001 etc.). Xact Web Portal subscriptions are on 7-digit subaccount level. Clients should verify that all sub-accounts are covered in the new Xact Web Portal subscription.

### **Narrative**

In case of deductions, the related deduction quantity and/or amount is presented in the narrative (:70E::ADTX) as no standardised field exists in the MT56x message. The narrative is generated according to the following logic:

Row 1: DEDUCTED QTY + space + sum of deducted nominal

Row 2: NOT DELIVERED + space + CCY AMNT / ISIN XXXXXXXXXXXX QTY xxxxx

Row 2 is generated according to the movements of the event. In case of multiple movements, e. g. both cash and security movement, row 2 is repeated accordingly.

Example (dividend payment, i. e. only one cash movement):

:70E::ADTX//DEDUCTED QTY 20000

NOT DELIVERED EUR AMNT 19800

Within the standardised fields of the Swift message, the computed nominal and amount (including deductions) are listed in :93B::ELIG (MT564) or :93B::CONB (MT566) as well as within the fields of the movements (CASHMOVE/SECMOVE).

## Corporate action reporting via alternative solutions

In the current environment, online functionalities (for instance, CASCADE screen KVGI UE) and specific reports (for instance, KD112 and KD211) are available in addition to the Swift reporting.

These functionalities will no longer be available for migrated securities and events. Please note that Xact Web Portal does not offer an online view for the Lead Manager and Main Paying Agent perspective.

As an alternative, Clearstream will offer a reporting solution within Xact Web Portal to retrieve the information. That is, the new "Main Paying Agent / Lead Manager report" will be available as of implementation date.

The report will be available in XLSX format for download and is created on a daily basis with corporate action events that have their payment date within the last as well as within the next five business days (Please note that it will be enhanced to twenty business days into the future as from November 2023 Release). For every event, the key information (such as ISIN, Swift event type, credit and debit payment amounts, nominal, payment date etc.) is reported. Additionally, a summary of payments per payment date is given.

In order to receive this report, Main Paying Agents/Lead Managers will have to create a subscription in Xact Web Portal which may require user access to the Asset Servicing Module in Xact Web Portal. Please contact your Xact Web Portal administrator, if available, or the Clearstream Connectivity team via [connect@clearstream.com](mailto:connect@clearstream.com) to set this up. Please note that the subscription is available in the production environment as of 3 April 2023. Please use the subscription start date 30 June 2023 in order to ensure that messages will be generated during the migration weekend.

Please find below a description of the columns in the "Details" tab of the file. A preliminary example file is available on the [OneClearstream rollout documentation](#) webpage together with this document.

With the November release on **18 November 2023**, the Main Paying Agent/Lead Manager report will be enhanced as follows:

- **Timeframe:** The selection of events to be reported will be enlarged to contain also events with a payment date up to 20 business days in the future.
- **Reversal tab:** If a payment is reversed or repaid at a later time, it will be reported in a dedicated "REVERSAL/REPAY dd.mm" tab. The tab will exist for and include all all reversals or repayments with a booking (T2S) business day equal to the previous business day.

The tab is structured similarly to the "Detail" tab, however with a preceding column called "REVR/REPAY", which will contain either the value "REVR" to identify a reversal or "REPAY" to identify a repayment.

The reversal or repayment is selected only once for the report. Once the reversal has been reported, the original payment is no longer featured on the next reports.

With the November Post release on **2 December 2023**, the Main Paying Agent/Lead Manager report will be further enhanced as follows:

- **Hold tab:** If a payment is on hold, it will be reported in a dedicated "On hold" tab. Payments on hold are not considered in the "Detail" tab or the respective "PAYD" tabs. The tab is structured similarly to the "Detail" tab, however with a preceding column called "Hold Reason", which will contain a narrative to explain the respective reason for the hold (for example, "Blocked by MPA" or "Event put on hold by CBF").

Column	Name	Description	Formating
A1	REVR/REPAY	Only in the case of "REVERSAL/REPAY" tab Identifier for reversal or repayment	"REVR" or "REPAY"
A2	Hold Reason	Only in the case of "On hold" tab Narrative reason why the payment is on hold	Narrative (alphanumeric)
A	Security Account	Security account of the MPA	7-digit account
B	Payment Date	Payment date of the event	YYYY-MM-DD
C	ISIN	ISIN of the event	12 characters
D	Payment Amount - Credit	Payment amount that is credited to the clients based on holdings on the security account (client view)	Numeric
E	CCY	Currency of above payment amount	3-digit currency code
F	Payment Amount - Debit	Payment amount that is debited from the Main Paying Agent based on all eligible holdings of the event (MPA view)	Numeric
G	CCY	Currency of above payment amount	3-digit currency code
H	Payment Amount - Net	Credit subtracted by debit (combined view)	Numeric
I	CCY	Currency of above payment amount	3-digit currency code
J	Event Type	Type of the event	4-character ISO event code (for example, DVCA)
K	CORP ID	CORP ID of the event	See section 3.1 for CORP ID logic
L	Cash Account	Related cash account on which payments will be booked	Alphanumeric
M	Record Date	Record date of the event	YYYY-MM-DD
N	Ex Date	Ex date of the event	YYYY-MM-DD
O	Value Date	Value date of the payment	YYYY-MM-DD
P	Nominal	Eligible balance of the event (MPA view)	Numeric with prefix "N" when the nominal is negative
Q	Nominal Type	Type of above nominal	FAMT, UNIT, AMOR
R	Interest Rate	Interest rate of the event	Percentage or actual amount
S	CCY	Currency of above amount (if applicable)	If the interest rate is an actual amount, 3-digit currency code.

Column	Name	Description	Formating
			If the interest rate is a percentage, this field is empty.
T	Dividend Amount	Dividend rate of the event	Percentage or actual amount
U	CCY	Currency of above amount (if applicable)	If the dividend rate is an actual amount, 3-digit currency code. If the dividend rate is a percentage, this field is empty.
V	Redemption Amount	Redemption amount of the event	Percentage, actual amount or index rate
W	Amount Type	Amount Type of the redemeption	If the redemption amount is an actual amount, 3-digit currency code. If the redemption amount is a percentage, PRCT. If the redemption amount is an index rate, INDEX.
X	Pool Factor	Pool factor of the event	Numeric
Y	Nominal - Holdings	Settled holdings on the security account (client view)	Numeric
Z	Type	Type of above nominal	FAMT, UNIT, AMOR
AA	Nominal - SE market claim	Eligible market claims as a result of pending stock exchange trades on the security account (client view)	Numeric
AB	Type	Type of above nominal	FAMT, UNIT, AMOR
AC	Nominal - OTC market claim	Eligible market claims as a result of pending OTC trades on the security account (client view)	Numeric
AD	Type	Type of above nominal	FAMT, UNIT, AMOR
AE	Nominal - CCP market claim	Eligible market claims as a result of pending CCP trades on the security account (client view)	Numeric
AF	Type	Type of above nominal	FAMT, UNIT, AMOR
AG	Secmove Block Count	Identifying number of the security movement (SECMOVE)	1, 2, 3, 4 or 5
AH	Debit/Credit	Direction of the security movement (SECMOVE)	CRED or DEBT
AI	SecMove ISIN	ISIN of the security movement (SECMOVE)	12 characters
AJ	SecMove Payment Date	Payment date of the security movement (SECMOVE)	YYYY-MM-DD

Column	Name	Description	Formating
AK	SecMove Quantity	Quantity of the security movement (SECMOVE)	Numeric
AL	SecMove Quantity Type	Type of above nominal	FAMT, UNIT, AMOR
AM	Ratio Type	Rate of the security movement (SECMOVE)	NEWO (new to old) or ADEX (additional for existing)
AN	Qty new	Further defines the rate of the security movement – new rate	Numeric
AO	Qty old	Further defines the rate of the security movement – old rate	Numeric
In the case of further security movements, the SECMOVE block (AG – AO) will be repeated in the next columns. In this case, the block count will advance. A second SECMOVE will then be shown in columns AP to AX, a third in AY to BG etc.			



## Settlement reporting (including PFoDs)

At present, MT54x and MT536 messages (including PFoDs) that are created to debit the payment/securities from Main Paying Agents/Lead Managers and MT536 messages have KADI specific keys such as “301”, “401” or “501” in the field :20C::COMM//, which correspond to the Buchungstext-Geld. This allows clients to identify the messages as information for Main Paying Agents/Lead Managers.

With the KADI DE Migration to OneCAS, this qualifier will no longer be included in the MT54x and MT536 messages for migrated events and securities.

In the OneCAS reporting, clients can use the following wording in the narrative to identify settlement messages for Main Paying Agents/Lead Managers:

Situation		Event type (example)	Text in :70E:
View of the paying agent	View of the client		
Debit of cash	Credit of cash	Interest payment (INTR MAND)	xxxx <b>CRED</b> DE0001234560 ABC <b>CASH DISTRIBUTION</b> QTY 100
Debit of securities	Credit of securities	Exercise of warrant (EXWA MAND)	xxxx <b>CRED</b> DE0001234560 ABC <b>SEC DISTRIBUTION</b> QTY 100
Credit of cash	Debit of cash	Exercise of rights (EXRI MAND)	xxxx <b>DEBT</b> DE0001234560 ABC <b>CASH COLLECTION</b> QTY 100
Credit of securities	Debit of securities	Exchange offer (EXOF MAND)	xxxx <b>DEBT</b> DE0001234560 ABC <b>SEC COLLECTION</b> QTY 100

Generally, the narrative is constructed according to the following logic:

Row 1: ISO CAEV + CRED/DEBT + *space* + ISIN

Row 2: Clearstream market team (3 characters) + *space* + “SEC/CASH  
COLLECTION/DISTRIBUTION” + *space* + empty/“REVERSAL”/“LATEPAYMNT”/“MPACHANGE”  
(according to situation) + “QTY” + *space* + nominal

The wording “SEC/CASH COLLECTION/DISTRIBUTION” is exclusively used for messages to Main Paying Agents/Lead Managers.

In case of reversal and repayment processes (corresponds to former usage of, for instance, codes “303” or “305”) the narrative is extended by an additional word (REVERSAL, LATEPAYMNT or MPACHANGE) to identify this situation.

Situation	Example dividend payment (cash debit from the Main Paying Agent)	Example exercise of rights (cash credit for the Main Paying Agent)
Payment	DVCACRED DE0001234560 OCA CASH DISTRIBUTION QTY 100	EXRIDEBT DE0001234560 OCA CASH COLLECTION QTY 100
Reversal	DVCACRED DE0001234560 OCA CASH DISTRIBUTION <b>REVERSAL</b> QTY 100	EXRIDEBT DE0001234560 OCA CASH COLLECTION <b>REVERSAL</b> QTY 100
Repayment	DVCACRED DE0001234560 OCA CASH DISTRIBUTION <b>LATEPAYMNT</b> QTY 100	EXRIDEBT DE0001234560 OCA CASH COLLECTION <b>LATEPAYMNT</b> QTY 100
MPA change	DVCACRED DE0001234560 OCA CASH DISTRIBUTION <b>MPACHANGE</b> QTY 100	EXRIDEBT DE0001234560 OCA CASH COLLECTION <b>MPACHANGE</b> QTY 100

## Commissions (Zahlstellenprovision)

The existing service of Clearstream paying out commissions on behalf of the paying agent, which was mainly used for physical securities in the past, will be decommissioned. Paying agents may continue to pay commissions to clients without Clearstream’s involvement.

## 4. Functional specifications – Connectivity and reporting

This chapter provides information regarding the future connectivity and reporting setup in the OneClearstream system. The focus of this document is on the changes resulting as part of the KADI DE Migration in 3 July 2023. That is, current processes and future changes for German investment funds or CH/US/FI-securities are not in scope of this chapter.

With the go-live of the KADI DE Migration to OneCAS on 3 July 2023 the reporting of corporate actions for CBF-issued securities will be offered via OneCAS.

Please note that this document does not describe each (sub)process in detail. The document describes only as much detail as required to explain the functional logic and sequence of the processes. Please refer to the [Clearstream Connectivity Handbook](#) or the [Xact via Swift User Guide](#) for more detailed documentation on already existing reporting in KADI and OneCAS respectively.

### Connectivity options (A2A)

Clearstream offers multiple different A2A connectivity tools to receive corporate actions reporting and to send instructions.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Xact File Transfer instead of CBF File Transfer
	The following A2A connectivity tools are offered to clients: <ul style="list-style-type: none"><li>• Swift;</li><li>• MQ;</li><li>• CBF File Transfer.</li></ul>	The following A2A connectivity tools are offered to clients: <ul style="list-style-type: none"><li>• Swift;</li><li>• MQ;</li><li>• Xact File Transfer.</li></ul>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	The following A2A connectivity tools are offered to clients: <ul style="list-style-type: none"><li>• Swift;</li><li>• MQ;</li><li>• Xact File Transfer.</li></ul>	The following A2A connectivity tools are offered to clients: <ul style="list-style-type: none"><li>• Swift;</li><li>• MQ;</li><li>• Xact File Transfer.</li></ul>	

## Connectivity options (U2A)

Clearstream provides information regarding corporate action events not only via MT564, but also via user front-end (U2A).

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Information will no longer be provided via CASCADE PC, clients need to use Xact Web Portal. The information provided for an event may differ.
	Information regarding corporate action events is provided via dedicated screens (KVGI) in CASCADE PC.	Information regarding corporate action events is provided via Xact Web Portal.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Information regarding corporate action events is provided via Xact Web Portal.	Information regarding corporate action events is provided via Xact Web Portal.  Please note that Xact Web Portal does not display information for Main Paying Agents. Please refer to chapter 3.9 for more information.	

Please note that CASCADE screens used for settlement functionalities (such as KVEE / WE & TR 4) are not affected by this (see also the [chapter on Decision Management](#)). Furthermore, settlement instructions and positions can continue to be viewed from KVBA and KVDU - similar to LMP securities today.

## Swift message layout

The layout Swift messages sent by Clearstream during corporate actions events has been documented in the handbooks. Generally, Clearstream aligns with global market standards defined by SMPG where possible.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The Swift message layout will follow layout already used in OneCAS
	The Swift message layout generally follows the CBF Legacy format as defined in the <a href="#">Connectivity Handbook Part 3</a>	The Swift message layout generally follows the OneCAS format as defined in the <a href="#">Xact via Swift User Guide</a>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	The Swift message layout generally follows the OneCAS format as defined in the <a href="#">Xact via Swift User Guide</a>	The Swift message layout generally follows the OneCAS format as defined in the <a href="#">Xact via Swift User Guide</a>	

**Note:** This change is not limited to corporate action messages such as MT564 or MT566. When corporate action events or cash/security movements out of corporate actions are referenced in other Swift messages, this referencing is adapted accordingly.

Following message types are affected: MT54x, MT578, MT536, MT537, MT538, MT586.

Whenever, in these messages, a reference to a corporate action event or a cash/security movements out of a corporate action event processed via OneCAS is done, the references are generally build by the OneCAS system and OneCAS reporting therefore applies.

## Swift message subscription

CBF clients can subscribe to the CBF Swift services according to their own particular needs by means of a large number of configuration options in relation to the receipt of messages.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Swift message subscription for corporate action messages on CBF-issued securities are administered via Xact Web Portal.  Existing subscriptions via LIMA will not be migrated by CBF.
	Subscriptions for corporate action messages are administrated via KUSTA.  Messages are sent from the sender BIC DAKVDEFFDOM.	Subscriptions for corporate action messages are administrated via Xact Web Portal.  Messages are sent from the sender BIC as determined by clients for the subscription in Xact Web Portal: <ul style="list-style-type: none"> <li>• CEDELULLXXX (default);</li> <li>• DAKVDEFFDOM; or</li> <li>• DAKVDEFFONE.</li> </ul>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Subscriptions for corporate action messages are administrated via Xact Web Portal.  Messages are sent from the sender BIC as determined by clients for the subscription in Xact Web Portal: <ul style="list-style-type: none"> <li>• CEDELULLXXX (default);</li> <li>• DAKVDEFFDOM; or</li> <li>• DAKVDEFFONE.</li> </ul>	Subscriptions for corporate action messages are administrated via Xact Web Portal.  Messages are sent from the sender BIC as determined by clients for the subscription in Xact Web Portal: <ul style="list-style-type: none"> <li>• CEDELULLXXX (default);</li> <li>• DAKVDEFFDOM; or</li> <li>• DAKVDEFFONE.</li> </ul>	

The current corporate action message subscription for non-CBF-issued securities (including LMP markets) will apply for migrated DE securities. Clients should verify if the existing subscription corresponds to their current KADI subscription (with regards to the reported events, the scheduling etc.).

At present, subscriptions can already be changed for the implementation date via Xact Web Portal, if changes are required.

Clients not subscribing to the Xact Web Portal are requested to contact Connectivity Support for the report subscription.

Please note that settlement message subscriptions via LIMA or Xact Web Portal will continue to apply.

## Referencing and message flow

Clearstream includes references to the corporate action event, previous and related messages or underlying instructions, if applicable, in the reporting message.

The below tables highlight the message flow and the referencing where there are:

1. income events;
2. non-income events;
3. market claim events; and
4. transformation events.

More information is available via the [Connectivity Handbooks](#) or the [Xact via Swift User Guide](#).

### Income events

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
Corporate action notification / pre-advice (Clearstream to client)	MT564 <ul style="list-style-type: none"> <li>First NEWM message is sent 30 BD before ex-date;</li> <li>It includes entitlement calculation;</li> <li>Additional messages should there be event change (REPL), cancellation (CANC) or reminder (RMDR);</li> <li>MT564 REPE on ED-2, ED-1, and on ED.</li> </ul>	20C (Event): CORP, COAF	MT564 NEWM <ul style="list-style-type: none"> <li>First NEWM message is sent 30 days before ex-date (for example, predictable events REDM, INTR);</li> <li>For other events (for example, floating rate interest payment) NEWM is sent as soon as information is available;</li> <li>MT564 REPE with entitlement calculation will be sent maximum five days before value date;</li> <li>Additional messages should there be event change (REPL), cancellation (CANC) or reminder (RMDR) will be sent to clients.</li> </ul>	20C (Event): CORP, COAF
Settlement instruction (Clearstream to T2S)	MT540-43 / sese.023		MT540-43 / sese.023	20C (Event): CORP
Settlement status advice (Clearstream to client)	MT548 / sese.024	20C (Event): CORP 20C (PFOD Inx.): PCTI	MT548 / sese.024	20C (Event): CORP 20C (PFOD Inx.): PCTI
Settlement confirmation (T2S to Clearstream, Clearstream to clients)	MT544-47 / sese.025	20C (Event): CORP 20C (PFOD Inx.): PCTI 70E (Event): SPRO	MT544-47 / sese.025	20C (Event): CORP 20C (PFOD Inx.): PCTI

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
Corporate action confirmation (Clearstream to client)	MT566	20C (Event): CORP, COAF  70E: KADI LFNR  70E (PFOD Inx.): T2S Actor Ref,	MT566	20C (Event): CORP, COAF  70E (PFOD Inx.): PCTI (T2S Actor Ref)

### Non-income events

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
Corporate action notification / pre-advice (Clearstream to client)	MT564 <ul style="list-style-type: none"> <li>First NEWM message is sent 30 BD before ex-date;</li> <li>It includes entitlement calculation;</li> <li>Additional messages should there be event change (REPL), cancellation (CANC) or reminder (RMDR);</li> <li>MT564 REPE on ED-2, ED-1, and on ED.</li> </ul>	20C (Event): CORP, COAF	MT564 NEWM <ul style="list-style-type: none"> <li>First NEWM message is generally sent 30 days before ex-date;</li> <li>MT564 REPE with entitlement calculation will be sent maximum 5 days before value date;</li> <li>Additional messages should there be event change (REPL), cancellation (CANC) or reminder (RMDR) will be sent to clients.</li> </ul>	20C (Event): CORP, COAF
CA instruction status and processing advice (Clearstream to client)	MT567  Status on basis of client instruction via MT565	20C (Event): CORP, COAF  20C (Customer inx. seme): RELA	MT567  Status on basis of client instruction via MT565	20C (Event): CORP, COAF  20C (Customer inx seme): RELA
Settlement instruction (Clearstream to T2S)	MT540-43 / sese.023		MT540-43 / sese.023	
Settlement status advice (Clearstream to client)	MT548 / sese.024	20C (Event): CORP  20C (SECU Inx): PCTI	MT548 / sese.024	20C (Event): CORP  20C (SECU Inx): PCTI
Settlement confirmation (T2S to)	MT544-47 / sese.025	20C (Event): CORP	MT544-47 / sese.025	20C (Event): CORP

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
Clearstream, Clearstream to clients)		20C (SECU Inx.): PCTI		70E (SECU Inx.): PCTI (T2S Actor Ref)
Corporate action confirmation (Clearstream to client)	MT566	20C (Event): CORP, COAF  20C (Customer inx. seme): RELA  70E: KADI LFNR  70E (SECU Inx.): T2S Actor Ref,	MT566	20C (Event): CORP, COAF  20C (Customer inx. seme): RELA

#### Market claim events

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
Corporate action notification / pre-advice (Clearstream to client)	MT564 REPE (for every pending instruction)	20C (Event): CORP, COAF  20C (Underlying inx.): RELA <sup>2</sup>  70E: KADI LFNR  70E (Underlying inx.): Trade No., T2S Actor Ref, Order No (CCP), Own Ref [C7]	MT564 ADDB with ADDB//CLAI	20C (Event): CORP, COAF  20C (Underlying inx.): RELA <sup>3</sup>
Settlement instruction	MT540-43 / sese.023		MT540-43 / sese.023	20C (MC inx.): PCTI (T2S Actor Ref), MITI

<sup>2</sup> For KADI:

OTC trades: Client's instruction reference ("AUFTRAGSREFERENZ" in CASCADE) of the delivery or match instruction.

SE trades: Trade number of SE-LION trade, CCP gross trade, Eurex exercise. C7 trades: The MITI of the underlying C7 SCS trade.

DCP instruction legs: The MITI of the underlying sese.024 is reported.

<sup>3</sup> For OneCAS: Reference of the underlying settlement instruction (SEME).



Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
(Clearstream to T2S)				
Settlement status advice (Clearstream to client)	MT548 / sese.024	20C (Event): CORP  20C (MC inx.): MITI, TRRF, PCTI, COMM	MT548 / sese.024	20C (Event): CORP 20C (Underlying inx.): RELA <sup>2</sup>  20C (MC inx.): MITI, TRRF, PCTI, COMM  70E (Underlying Inx.): SPRO
Settlement confirmation (T2S to Clearstream, Clearstream to clients)	MT544-47 / sese.025	20C (Event): CORP  20C (PFOD Inx.): PCTI  70E (Event): SPRO	MT544-47 / sese.025	20C (Event): CORP  20C (PFOD Inx.): PCTI
Corporate action confirmation (Clearstream to client)	MT566	20C (Event): CORP, COAF  20C (Underlying inx.): RELA*, MITI  70E: KADI LFNR  70E (Underlying inx.): Trade No., T2S Actor Ref, Order No (CCP), Own Ref (C7)  70E (MC inx.): MITI, Trade No., T2S Actor Ref	MT566	20C (Event): CORP, COAF  20C (MC inx.): MITI  70E (MC Inx.): PCTI (T2S Actor Ref)

## Transformation events

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
Corporate action notification / pre-advice (Clearstream to client)	MT564 REPE	20C (Event): CORP, COAF 20C (Underlying inx.): RELA* <sup>4</sup> 70E: KADI LFNR 70E (Underlying inx.): Trade No., T2S Actor Ref, Order No (CCP), Own Ref (C7)	n/a	
Settlement instruction (Clearstream to T2S)	MT548 CANC / sese.024	20C (Event): CORP 20C (Underlying inx.): MITI, TRRF, PCTI, COMM	MT548 CANC / sese.024	20C (Event): CORP 20C (Underlying inx.): RELA <sup>5</sup> , MITI, PCTI, TRRF 70E (Underlying inx.): SPRO
Settlement status advice (Clearstream to client)	MT548 NEWM / sese.024	20C (Event): CORP 20C (MC inx.): MITI, TRRF, PCTI, COMM	MT548 NEWM / sese.024	20C (Event): CORP 20C (MC inx.): MITI, TRRF, PCTI, COMM 70E (Underlying Inx.): SPRO
Settlement confirmation (T2S to Clearstream, Clearstream to clients)	MT544-47 / sese.025	20C (Event): CORP 20C (PFOD Inx.): PCTI 70E (Event): SPRO	MT544-47 / sese.025	20C (Event): CORP 20C (PFOD Inx.): PCTI
Corporate action confirmation (Clearstream to client)	MT566	20C (Event): CORP, COAF 20C (Underlying	n/a	

<sup>4</sup> For KADI:

OTC trades: Client's instruction reference ("AUFTRAGSREFERENZ" in CASCADE) of the delivery or match instruction.

SE trades: Trade number of SE-LION trade, CCP gross trade, Eurex exercise.

C7 trades: The MITI of the underlying C7 SCS trade.

DCP instruction legs: The MITI of the underlying sese.024 is reported.

<sup>5</sup> For OneCAS: Reference of the underlying settlement instruction (SEME)

Message flow	KADI		OneCAS	
	Message	Referencing	Message	Referencing
		inx.): RELA*, MITI  70E: KADI LFNR  70E (Underlying inx.): Trade No., T2S Actor Ref, Order No (CCP), Own Ref (C7)  70E (New inx.): MITI, Trade No., T2S Actor Ref		

## Referencing in market claims

Reference to the underlying instruction:

	KADI			OneCAS	
MT564	:20C::RELA//	OTC	Client's instruction reference ("AUFTRAGSREFERENZ" in CASCADE) of the delivery or match instruction.	:20C::RELA//	T2S ACTOR REF/SEME of the underlying settlement instruction
		SE	Trade number of SE-LION trade		
		CCP	MITI of the underlying C7 SCS trade		
	:70E::ADTX//[...] TR RELA		AUFTRNR of underlying trade		
	:70E::ADTX//[...] TR RELA T2S		Client's instruction reference ("AUFTRAGSREFERENZ" in CASCADE) of the delivery or match instruction.		
	:70E::ADTX//[...] REF-OWNER-BIC		Related BIC of T2S-ACT-REF of underlying trade		
	:70E::ADTX//[...] TRADE DAY RELA		Trade date of underlying trade		
	:70E::ADTX//[...] COUNTERPART		Counterparty account		
MT566	:20C::RELA//	OTC	Client's instruction reference ("AUFTRAGSREFERENZ" in CASCADE) of the delivery or match instruction.	:20C::RELA//	T2S ACTOR REF/SEME of the underlying settlement instruction
		SE	Trade number of SE-LION trade		
		CCP	MITI of the underlying C7 SCS trade		
	:20C::MITI//		MITI of the underlying trade	:20C::MITI//	MITI of the underlying trade
				:70E::TXNR//[...] TR	T2S ACTOR REF/SEME of the underlying settlement instruction
	:70E::ADTX//[...] TR RELA		AUFTRNR of underlying trade	:70E::TXNR//[...] TR RELA	T2S ACTOR REF/SEME of the underlying settlement instruction
	:70E::ADTX//[...] TR RELA T2S		Client's instruction reference ("AUFTRAGSREFERENZ" in CASCADE) of the delivery or match instruction.	:70E::TXNR//[...] TR RELA T2S	Clearstream identifier of underlying trade
	:70E::ADTX//[...] REF-OWNER-BIC		Related BIC of T2S-ACT-REF of underlying trade	:70E::TXNR//[...] REF-OWNER-BIC	Related BIC of T2S-ACT-REF of underlying trade
	:70E::ADTX//[...] TRADE DAY RELA		Trade date of underlying trade	:70E::TXNR//[...] TRADE DAY RELA	Trade date of underlying trade
	:70E::ADTX//[...] ACTUAL SETTLEMENT DATE		Actual settlement date of underlying trade	:70E::TXNR//[...] ACTUAL SETTLEMENT DATE	Actual settlement date of underlying trade
:70E::ADTX//[...] COUNTERPART		Counterparty account	:70E::TXNR//[...] COUNTERPART	Counterparty account	
MT54x	:20C::TRRF//		AUFTRNR of underlying trade		
	:20C::PCTI//		T2S ACTOR REF	:70E::SPRO//[...] TR	T2S ACTOR REF of the underlying settlement instruction

Referencing to the market claim instruction:

	KADI		OneCAS	
MT566	:70E::ADTX//[...] TRADE REF	AUFTRNR of market or reverse claim		
	:70E::ADTX//[...] TRADE REF T2S	T2S-ACT-REF of market or reverse claim	:70E::TXNR//[...] T2S-ACTOR-REF	T2S-ACT-REF of market or reverse claim
	:70E::ADTX//[...] REF-OWNER-BIC	Related BIC of T2S-ACT-REF of market or reverse claim		
	:70E::ADTX//[...] TRADE REF MITI	MITI of market or reverse claim	:20C::MITI//	MITI of market or reverse claim
MT54x	:20C::PCTI//	AUFTRNR of market or reverse claim	:20C::PCTI//	T2S-ACT-REF of market or reverse claim
	:20C::MITI//	MITI of market or reverse claim	:20C::MITI//	MITI of market or reverse claim

Referencing in transformations

Reference to the underlying instruction:

	KADI		OneCAS	
MT54x NEWM	:70E::SPRO//[...] TR	T2S ACTOR REF of the underlying settlement instruction	:70E::SPRO//[...] TR	T2S ACTOR REF of the underlying settlement instruction

Reference to the transformed instruction:

MT5 4x NE WM	:20C::PCTI//	AUFTRNR of the transformed instruction	:20C::PCTI//	T2S-ACT-REF of the transformed instruction
	:20C::MITI//	MITI of the transformed instruction	:20C::MITI//	MITI of the transformed instruction

## KADI lists

Clearstream provides information regarding corporate action events via KADI lists, that is reporting submitted to clients via File Transfer.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Information will no longer be provided via KADI lists for events and securities in scope of the migration, clients need to use OneCAS reporting. The information provided for an event may differ.
	Information regarding corporate action events is provided via KADI lists.	Generally, no information is provided via KADI lists. OneCAS reporting applies.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	No information is provided via KADI lists.	No information is provided via KADI lists.	

The below table shows the appropriate OneCAS reporting alternatives for the KADI lists:

KADI list	OneCAS	Remarks
KD009		Will not be produced in the future as the report was not generated for more than 2 years and is thus deemed irrelevant.
KD110 (Reporting for income and commission)	MT564 + MT566	
KD111 (Market claims)	MT564 Claims and Reversal Advice + Custody Market Claims pdf report	
KD112 (Main Paying Agent)	New Main Paying Agent / Lead Manager report	Needs to be scheduled in Xact Web Portal: <ul style="list-style-type: none"> <li>Business Service: Asset Servicing</li> <li>Report Name: Main Paying Agent/Lead Manager report</li> </ul>
KD112 (Issuer deduction)	CU112 (new)	
KD115 (Dividend ex-trade)	MT564 Claims and Reversal Advice + Custody Market Claims pdf report	

KADI list	OneCAS	Remarks
KD118 (Market claims)	MT564 Claims and Reversal Advice + Custody Market Claims pdf report	
KD127 (Short entitlement report)	CU127 (new)	Needs to be scheduled in Xact Web Portal: <ul style="list-style-type: none"> <li>• Business Service: Tax</li> <li>• Report Name: CU127 – Short Position Report</li> </ul>
KD144	CU144 (new)	Needs to be scheduled in Xact Web Portal: <ul style="list-style-type: none"> <li>• Business Service: Collateral Management</li> <li>• Report Name: CU144 Event information for Xemac collateral report</li> </ul> <p>Note: Clients need to make sure that the relevant subaccount -550 is included in the subscription. A subscription solely on main account level (-000) will not provide any data.</p>
KD174 (Depotbescheinigung)	not applicable	KD174 will continue to be provided by KADI
KD177 (Redemption events for pledge holdings)	MT564 + MT566	
KD179 (Tax certification request)	Manual process via operations	
KD183 (copy of KD111 for CCP classic)	MT564 + MT566 (as KD111)	
KD184 (Tax credit)	Similar report as KD184 (new)	Needs to be scheduled in Xact Web Portal: <ul style="list-style-type: none"> <li>• Business Service: Tax</li> <li>• Report Name: Tax Credit Report</li> </ul>
KD188 (Tax voucher)	Available via Xact Web Portal / Xact File Transfer	See chapter 3.8
KD210		Will not be produced in the future as the report was not generated for more than 2 years and is thus deemed irrelevant.
KD211	MT564 + Xact Web Portal Online view	
KD212 (Market claims for pledged holdings)		Will not be produced in the future as the report was not generated for more than 2 years and is thus deemed irrelevant.

KADI list	OneCAS	Remarks
KD214 (Depotbescheinigung)	-	Will not be produced in the future as the report was not generated for more than 2 years and is thus deemed irrelevant.
KD218 (Redomination)	-	Will not be produced in the future as the report was not generated for more than 2 years and is thus deemed irrelevant.
KD236 (tax voucher recovery after reversal)	Ad-hoc information sent to affected clients	
KD673		Will not be produced in the future as the report was not generated for more than two years and is thus deemed irrelevant.



## UEB-GRUND

The securities transfer reason (UEB-GRUND) is provided if there are manual bookings in CASCADE.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The field UEB-GRUND and related Swift-qualifier DECL//SETR will no longer be used.
	<p>The optional field UEB-GRUND is provided if there are manual CASCADE bookings.</p> <p>It is mapped into MT54x :70E::DECL//SETR.</p>	<p>The field UEB-GRUND is not used.</p> <p>The security transfer reason is transparent to clients via the Swift-qualifiers CLAI or CORP (:22F::SETR) or TRAN (:22F::STCO).</p> <p>Further information is provided in the narrative.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>The field UEB-GRUND is not used.</p> <p>The security transfer reason is transparent to clients via the Swift-qualifiers CLAI or CORP (:22F::SETR) or TRAN (:22F::STCO).</p> <p>Further information is provided in the narrative.</p>	<p>The field UEB-GRUND is not used.</p> <p>The security transfer reason is transparent to clients via the Swift-qualifiers CLAI or CORP (:22F::SETR) or TRAN (:22F::STCO).</p> <p>Further information is provided in the narrative.</p>	

## Paying agent (PAYA)

Clearstream provides, if available, information on the agent appointed to execute the payment for the corporate action event on behalf of the issuer company/offering party.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	The information is provided via field :95Q::PAYA in MT564 and MT566 messages.	The information is provided via field :95Q::PAYA in MT564 and MT566 messages.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	Information on the paying agent is added in the reporting.
	No information on the paying agent is provided.	The information is provided via field :95Q::PAYA in MT564 and MT566 messages.	

## Reporting for full deductions

Clients may choose to deduct positions in order to prevent them from participating in the corporate actions, for example for legal reasons.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	MT564 and MT566 reporting is provided for full deductions.
	If there is a full deduction, then no MT564 and MT566 is provided.	<p>The reporting for events should there be a full deduction is according to the following logic per event:</p> <ul style="list-style-type: none"> <li>Event with only a cash credit: <ul style="list-style-type: none"> <li>MT564 notification with ELIG = 0 for all eligible positions;</li> <li>No MT566.</li> </ul> </li> <li>Event with a cash credit and parallel security debit (for example, redemption): <ul style="list-style-type: none"> <li>MT564 notification with ELIG = eligible positions;</li> <li>MT564 IPAR with ENTL = 0 for all eligible positions;</li> <li>MT566 shows cash movement at zero and the security movement debit of redeemed securities.</li> </ul> </li> <li>Event with a credit of securities: <ul style="list-style-type: none"> <li>MT564 notification with ELIG = eligible positions;</li> <li>MT564 IPAR with ENTL = 0 for the proceeds where deduction applied (cash or security);</li> <li>MT566 with cash or security movement follows IPAR logic.</li> </ul> </li> </ul>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	No corresponding process.	No corresponding process.	

## PFoD reporting U2A

Clearstream provides information regarding PFoDs generated during a corporate action event through U2A connectivity channels.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Within CASCADE, different screens need to be used to see generated PFoDs. Furthermore, Xact Web Portal can be used.
	Generated PFoDs are shown in KVAI/AK or KVDU/IN.	Generated PFoDs are not shown in KVAI/AK and KVDU/IN.  Instead, clients can refer to, for instance, KVAI/AA, KVDU/ID or the settlement instructions in Xact Web Portal.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Generated PFoDs are shown as settlement instructions in Xact Web Portal.	Generated PFoDs are shown as settlement instructions in Xact Web Portal.	

## Registered shares instructions

The CASCADE instructions types AA01 B (de-registration), AA01 E (introduction of new issue) and AA01 P (registered shares account transfer) are used in the context of registered shares.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Clients need to consider the T2S special character rules for registered shares instructions.
	<p>Instructions with type B, E or P are not forwarded to T2S.</p> <p>CASCADE rule with regard to special characters rules apply, meaning that automated connectivity channels such as MQ offer more characters than Swift (character set X).</p>	<p>Instructions with type B, E or P are forwarded to T2S.</p> <p>Clients using Swift must continue to use character set X. Client may continue to send special characters according to CASCADE rules via the automated connectivity channels.</p> <p>However, the special characters will be transformed in order to comply with the T2S special character set. Accordingly, clients will receive a transformed text in any future message they receive (e. g. in case of corporate actions on flow).</p> <p>Furthermore, the original TEXT information and REFERENZ-NR will not be present in transformed instructions.</p> <p>Please refer to the table on page 3 of the <a href="#">Connectivity Handbook Part 1</a> that specifies the character transformations.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	n/a
	n/a	n/a	

If clients want to avoid the transformation of special characters, they can use the escape sequence as defined in the [Connectivity Handbook Part 1](#) for Swift messages as well as for the automated connectivity channels (including MQ).

## Registered shares payment narrative sese.023

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	Clearstream created a sese.023 message for the payment and releases it to T2S. Please refer to the <a href="#">DCP Connectivity Handbook</a> for details on how the narrative in this instruction is built.	Clearstream created a sese.023 message for the payment and releases it to T2S. Please refer to the <a href="#">DCP Connectivity Handbook</a> for details on how the narrative in this instruction is built.  To ensure the proper routing within systems, the narrative code "RS-EARM" is added in the narrative	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	n/a	n/a	

## Reporting of redemption rate in events with pool factor reduction (PRED)

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	The redemption rate will be calculated differently for PRED events. This leads to a change in reporting in the MT56x messages to clients.
	The redemption rate is calculated on the basis of the current pool factor of the security.	With the migration to OneCAS, the redemption rate will in the future be calculated on the basis of the first pool factor (that is, 1) of the security.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	With the migration to OneCAS, the redemption rate will in the future be calculated on the basis of the first pool factor (that is, 1) of the security.	With the migration to OneCAS, the redemption rate will in the future be calculated on the basis of the first pool factor (that is, 1) of the security.	

**KADI:**

Current pool factor	New pool factor	Redemption rate
1	0,9	10,00%
0,9	0,8	11,11%
0,8	0,7	12,50%
0,7	0,6	14,29%
0,6	0,5	16,67%
0,5	0,4	20,00%
0,4	0,3	25,00%
0,3	0,2	33,33%
0,2	0,1	50,00%

**OneCAS:**

Current pool factor	New pool factor	Redemption rate
1	0,9	10,00%
0,9	0,8	10,00%
0,8	0,7	10,00%
0,7	0,6	10,00%
0,6	0,5	10,00%
0,5	0,4	10,00%
0,4	0,3	10,00%
0,3	0,2	10,00%
0,2	0,1	10,00%

## Reporting of deduction nominal/amount in narrative

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	In the case of deductions, the related deduction quantity and/or amount is additionally presented in the narrative (:70E::ADTX).
	Within the standardised fields of the Swift message, the computed nominal and amount (including deductions) are listed in :93B::ELIG (MT564) or :93B::CONB (MT566) as well as within the fields of the movements (CASHMOVE/SECMOVE).	<p>Within the standardised fields of the Swift message, the computed nominal and amount (including deductions) are listed in :93B::ELIG (MT564) or :93B::CONB (MT566) as well as within the fields of the movements (CASHMOVE/SECMOVE).</p> <p>In the case of deductions, the related deduction quantity and/or amount is presented in the narrative (:70E::ADTX) as no standardised field exists in the MT56x message. The narrative is generated according to the following logic:</p> <p>Row 1: DEDUCTED QTY + space + sum of deducted nominal</p> <p>Row 2: NOT DELIVERED + space + CCY AMNT / ISIN XXXXXXXXXXXX QTY xxxxx</p> <p>Row 2 is generated according to the movements of the event. In case of multiple movements, for example, both cash and security movement, row 2 is repeated accordingly.</p> <p>Example (dividend payment, that is, only one cash movement):</p> <p>:70E::ADTX//DEDUCTED QTY 20000</p> <p>NOT DELIVERED EUR AMNT 19800</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	Within the standardised fields of the Swift message, the computed nominal and amount (including deductions) are listed in :93B::ELIG (MT564) or :93B::CONB (MT566) as well as within the fields of the movements (CASHMOVE/SECMOVE).	Within the standardised fields of the Swift message, the computed nominal and amount (including deductions) are listed in :93B::ELIG (MT564) or :93B::CONB (MT566) as well as within the fields of the movements (CASHMOVE/SECMOVE).	



## Narrative for C7 SCS market claims

Following the migration to C7 SCS, most trades are sent via the T2S flow. As a consequence, the market claim reporting in MT56x messages was changed.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	No impact
	Market claim reporting for underlying C7 SCS trades contain the wording "MARKET CLAIM OF A C7 CSC TRADE" in the MT56x.	Market claim reporting for underlying C7 SCS trades contain the wording "MARKET CLAIM OF A C7 CSC TRADE" in the MT56x.	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	The narrative in the MT56x is changed to "MARKET CLAIM OF A C7 CSC TRADE" for C7 SCS trades.
	Following the migration to C7 SCS, most trades are sent via the T2S flow.  As a consequence, for LMP securities, market claim reporting for underlying CCP trades contain the wording "MARKET CLAIM OF OTC TRADE" in the MT56x.	Market claim reporting for underlying C7 SCS trades contain the wording "MARKET CLAIM OF A C7 CSC TRADE" in the MT56x.	

## Reporting of the taxable/tax-free portion for INTR events

In the context of overall alignment to the SMPG reporting standards and the OneCAS reporting, the portion subject to or free of taxation is no longer reported.

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	Portion subject to or free of taxation is no longer reported for interest events.
	<p>For interest payments, the interest rate used for the payment is reported via 92a::INTP in combination with the applicable tax rates in 92A::TAXR and 92A::ATAX</p> <p>Furthermore, for German securities, the portion which is subject to taxation and the portion which is free from taxation are reported in the CASHMOVE sequence via :92J::GRSS//TXBL or :92J::GRSS//TXBF respectively.</p> <p>Please note that the qualifier is not included in case the value is zero.</p> <p>Example (taxable):</p> <p>:92F::INTP//EUR0,5</p> <p>:92A::TAXR//25,</p> <p>:92A::ATAX//5,5</p> <p>:92J::GRSS//TXBL/EUR0,5</p> <p>Example (non-taxable) :</p> <p>:92F::INTP//EUR0,</p> <p>:92J::GRSS//TXFR/EUR0,</p>	<p>For interest payments, the interest rate used for the payment is reported via 92a::INTP in combination with the applicable tax rates in 92A::TAXR and 92A::ATAX</p> <p>The portion which is subject to taxation and the portion which is free from taxation are not reported.</p> <p>Example:</p> <p>:92F::INTP//EUR0,5</p> <p>:92A::TAXR//25,</p> <p>:92A::ATAX//5,5</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	No impact
	<p>For interest payments, the interest rate used for the payment is reported via 92a::INTP in combination with the applicable tax rates in 92A::TAXR and 92A::ATAX</p> <p>The portion which is subject to taxation and the portion which is free from taxation are not reported.</p>	<p>For interest payments, the interest rate used for the payment is reported via 92a::INTP in combination with the applicable tax rates in 92A::TAXR and 92A::ATAX</p> <p>The portion which is subject to taxation and the portion which is free from taxation are not reported.</p>	

## MT566 Reporting for worthless debits

	As-is process	Future process	CBF client impact
<b>CBF-issued securities (except investment funds)</b>	<b>KADI</b>	<b>OneCAS</b>	<p>For warrants, the Corporate Action Option need to be used to identify worthless debit.</p> <p>For redemptions, the narrative can be used from 18 September 2023 to identify worthless debit.</p>
	<p>For warrants, the MT566 includes the narrative "WITHDRAWAL OF WORTHLESS SECURITIES" to identify worthless debits.</p> <p>For redemptions, the MT566 includes the narrative "WITHDRAWAL OF WORTHLESS SECURITIES" to identify worthless debits.</p>	<p>For warrants (EXWA), the MT566 includes uses the Corporate Action option "LAPS" to identify worthless debits.</p> <p>For redemptions (REDM, MCAL), the MT566 includes the narrative "WITHDRAWAL OF WORTHLESS SECURITIES" from 18 September 2023 to identify worthless debits.</p>	
<b>Non-CBF-issued securities (except US, FI, CH)</b>	<b>OneCAS</b>	<b>OneCAS</b>	<p>For redemptions, the narrative can be used from 18 September 2023 to identify worthless debit.</p>
	<p>For warrants (EXWA), the MT566 includes uses the Corporate Action option "LAPS" to identify worthless debits.</p>	<p>For warrants (EXWA), the MT566 includes uses the Corporate Action option "LAPS" to identify worthless debits.</p> <p>For redemptions (REDM, MCAL), the MT566 includes the narrative "WITHDRAWAL OF WORTHLESS SECURITIES" to identify worthless debits.</p>	

## 5. Client impact

### 5.1 CBF clients - Corporate action processing for CBF-issued securities via CBF Asset Servicing (KADI)

This chapter summarises and highlights the most important impacts for CBF clients currently using CBF Asset Servicing (KADI) for the corporate action processing of CBF-issued securities. Full information is available in the respective chapters.

Chapter	Topic	Client impact
Announcement Capture and Event Creation	<a href="#">CORP ID</a>	The CORP ID to be used in announcements and in client's instructions will be created differently (Terminart and BID will no longer be provided, reference format and length will be different for income and non-income events).
Announcement Capture and Event Creation	<a href="#">Events split into multiple announcements</a>	Clearstream will generally announce and process corporate action events within one single event instead of splitting into multiple events.
Payments	<a href="#">T2S DCA</a>	The T2 account is no longer used for any EUR payments resulting from corporate actions.
Payments	<a href="#">Payment suspension [CSDR]</a>	The earliest payment date (EARL) instead of the payment date (PAYD) will be reported as "unknown". The value for PAYD remains unchanged.  The new payment date will be reported via EARL when available.
Payments	<a href="#">Blocking of securities versus direct debit for elective events</a>	Instructed positions are always blocked before being debited, not only for EXRI events.
Payments	<a href="#">Fraction handling</a>	CBF will directly pay out the cash compensation from fractional (interim ISIN) positions to clients instead of the paying agent.
Payments	<a href="#">Narrative structure</a>	The content of the narrative will change. Information such as the Terminart (KADI event type) or the BID will no longer be provided in the narrative.
Payments	<a href="#">Partial redemption</a>	Redeeming positions will be blocked in any case, resulting in the respective reporting.  Securities quoted as percentage are reported as percentage.
Payments	<a href="#">CORP ID over the entire corporate action event</a>	The CORP ID will no longer change through the corporate action event but always stay the same.
Decision Management	<a href="#">Pending instructions</a>	Clearstream will provide MT567 IPRC//PEND to clients only in specific cases.
Decision Management	<a href="#">Deductions</a>	Clients may optionally use MT565 for deduction.  The already existing processes for deductions remain in place.

Chapter	Topic	Client impact
Decision Management	<a href="#">Instructions on sanctioned holdings</a>	Instructions on sanctioned holdings are not processed and according reporting is provided.
Decision Management	<a href="#">Instruction quantity type AMOR</a>	Clients will no longer be able to use the quantity type indicator AMOR.
Reversal and Re-payment	<a href="#">Reversal repayment announcement and reporting</a>	For the client reporting of reversal for voluntary events, MT568 will be used instead of MT564.  Generally, MT564 will use the qualifier ADDB REVR instead of CANC.
Reversal and Re-payment	<a href="#">Cancel of reversal repayment</a>	Clearstream will provide extended information in the cancellation message via narrative and reference fields.
Transaction Management	<a href="#">Reporting of transformations</a>	In line with CAJWG standards, the corporate action reporting for transformations via MT564 and MT566 will no longer be available to clients.
Transaction Management	<a href="#">Reference to underlying trade for transformations</a>	Clients will receive the same settlement transaction indicator as in the underlying instruction.
Transaction Management	<a href="#">Market claims and reverse market claims</a>	The MT564 reporting is changed to the OneCAS format (see <a href="#">Chapter 4</a> ).
Transaction Management	<a href="#">Internal instructions [01 P]</a>	Market claims and transformations are no longer created for internal instructions [01P].
Transaction Management	<a href="#">Buyer Protection Deadline</a>	The Buyer Protection Deadline will be created and added to the MT564.
Tax Management	<a href="#">Tax breakdown</a>	CBF clients will need to use different channels in order to provide tax breakdown.
Tax Management	<a href="#">Tax voucher</a>	Clients will need to use different channels in order to request tax vouchers. The required data is changed to include the account number instead of the account master.  The tax voucher is no longer provided to clients via mail but is instead available for download and printing.
Connectivity and Reporting	<a href="#">Connectivity options [U2A]</a>	Information will no longer be provided via CASCADE PC, clients need to use Xact Web Portal. The information provided for an event may differ.
Connectivity and Reporting	<a href="#">General Swift message layout</a>	The Swift message layout will follow layout already used in OneCAS.
Connectivity and Reporting	<a href="#">Swift message subscription</a>	Swift message subscription for corporate action messages on CBF-issued securities are administered via Xact Web Portal.  Existing subscriptions via LIMA will not be migrated by CBF.

Chapter	Topic	Client impact
Connectivity and Reporting	<a href="#">KADI lists</a>	Information will no longer be provided via KADI lists, clients need to use Xact Web Portal or subscribe to Swift. The information provided for an event may differ.
Connectivity and Reporting	<a href="#">UEB-GRUND</a>	The field UEB-GRUND and related Swift-qualifier DECL//SETR will no longer be used.
Connectivity and Reporting	<a href="#">Reporting for full deductions</a>	MT564 and MT566 reporting is provided if there are full deductions.
Connectivity and Reporting	<a href="#">PFoD reporting U2A</a>	Within CASCADE, different screens need to be used to see generated PFoDs. Furthermore, Xact Web Portal can be used.
Connectivity and Reporting	<a href="#">Registered shares instructions</a>	Clients need to consider the T2S special character rules for registered shares instructions.
Connectivity and Reporting	<a href="#">Reporting of redemption rate in events with pool factor reduction (PRED)</a>	The redemption rate will be calculated differently for PRED events. This leads to a change in reporting in the MT56x messages to clients.
Connectivity and Reporting	<a href="#">Reporting of deduction nominal/amount in narrative</a>	In the case of deductions, the related deduction quantity and/or amount is additionally presented in the narrative (:70E::ADTX).

## 5.2 CBF/CBL/LuxCSD clients - Corporate action processing for CBF-issued securities via OneCAS or via CBL Asset Servicing

This chapter highlights the most important impacts for CBF, CBL and LuxCSD clients currently using OneCAS or CBL Asset Servicing for corporate actions processing of CBF-issued securities.

Please also refer to Announcement [C22009](#) for CBL clients or [L22009](#) for LuxCSD clients.

Chapter	Topic	Client impact
Announcement Capture and Event Creation	<a href="#">Processing of warrants</a>	Reporting on the technical movements will no longer be available to clients.
Payments	<a href="#">Fraction handling</a>	The usage of interim lines is introduced. That is, clients will receive the interim line and need to exchange it for the resulting securities or cash.
Payments	<a href="#">DVOP CHOS</a>	Three additional events are processed: The RHD/MAND event in order to exchange the parent line to the first interim line, the DVCA/MAND event for the taxable part of the dividend payment and the EXOF/MAND event where the second interim line received in the DVOP/CHOS event will be exchanged into the resulting security.
Payments	<a href="#">PFOD model</a>	The processing of PFoDs generated as part of market claims changes to "gross" processing with a separate tax adjustment.
Decision Management	<a href="#">Instruction event identification</a>	Clients may extend the referencing to include the COAF but are not required to do so.
Decision Management	<a href="#">Deductions</a>	Clients may optionally use MT565 for deduction.  The already existing processes for deductions remain in place.
Reversal and Re-payment	<a href="#">Reversal repayment announcement and reporting</a>	For the client reporting of reversal for mandatory non-income events, MT564 will be used instead of MT568, that is, the CRA-reporting will be enhanced.
Reversal and Re-payment	<a href="#">Reversal repayment period</a>	The reversal repayment period is extended to 280 days.
Reversal and Re-payment	<a href="#">Cancel of reversal repayment</a>	Clearstream will provide extended information in the cancellation message via narrative and reference fields.
Transaction Management	<a href="#">Reference to underlying trade for transformations</a>	Clients will receive the same settlement transaction indicator as in the underlying instruction.
Transaction Management	<a href="#">Market and Reverse Claim detection</a>	The detection rules are changed so that only settled underlying instructions are considered for the creation of market claims.
Tax Management	<a href="#">Tax breakdown</a>	The usage of a standing instruction by providing the certificate "Auftrag zur Abrechnung von Erträgen mit

Chapter	Topic	Client impact
		dem ermäßigten Kapitalertragsteuersatz i.S.d. § 7 Abs. 1 InvStG“ will become possible.
Tax Management	<a href="#">Tax adjustment instruction market claim reporting</a>	The processing of tax adjustment instructions for market claims is changed to one pooled instruction per day.
Connectivity and Reporting	<a href="#">Paying agent (PAYA)</a>	Information on the paying agent is added in the reporting.
Connectivity and Reporting	<a href="#">Narrative for C7 SCS market claims</a>	The narrative in the MT56x is changed to “MARKET CLAIM OF A C7 CSC TRADE” for C7 SCS trades.



### 5.3 CBF/CBL/LuxCSD clients - Corporate action processing for non-CBF issued securities via OneCAS or CBL Asset Servicing

This chapter highlights the most important impacts for CBF, CBL and LuxCSD clients currently using OneCAS or CBL Asset Servicing for the corporate action processing of non-CBF-issued securities. This applies for all markets for CBL and LuxCSD clients but not for CBF clients whereas US, FI, CH Markets are excluded as they remain with CBF asset servicing via KADI.

Please also refer to Announcement [C22009](#) for CBL clients or [L22009](#) for LuxCSD clients.

Chapter	Topic	Client impact
Announcement Capture and Event Creation	<a href="#">Processing of warrants</a>	Reporting on the technical movements will no longer be available to clients.
Decision Management	<a href="#">Instruction event identification</a>	Clients may extend the referencing to include the COAF but are not required to do so.
Reversal and Re-payment	<a href="#">Reversal repayment announcement and reporting</a>	For the client reporting of reversal for mandatory non-income events, MT564 will be used instead of MT568, that is, the CRA-reporting will be enhanced.
Reversal and Re-payment	<a href="#">Reversal repayment period</a>	The reversal repayment period is extended to 280 days.
Reversal and Re-payment	<a href="#">Cancel of reversal repayment</a>	Clearstream will provide extended information in the cancellation message via narrative and reference fields.
Transaction Management	<a href="#">Reference to underlying trade for transformations</a>	Clients will receive the same settlement transaction indicator as in the underlying instruction.
Connectivity and Reporting	<a href="#">Paying agent (PAYA)</a>	Information on the paying agent is added in the reporting.
Connectivity and Reporting	<a href="#">Narrative for C7 SCS market claims</a>	The narrative in the MT56x is changed to "MARKET CLAIM OF A C7 CSC TRADE" for C7 SCS trades.

## 6. Client simulation

Clearstream has already offered a guided client simulation for the changes induced by the KADI DE Migration between 22 August 2022 and 18 November 2022.

Following the postponement of the implementation date to 3 July 2023, an additional testing window will be offered to clients.

During this simulation period, clients will be able to receive corporate action event announcements and process the events via their instructions.

The test cases setup is designed by CBF to support clients where specific changes to the current processing for German securities are implemented. That is, corporate action events for which changes are described in this document will generally be considered. Clearstream will create the corporate action events and the necessary holdings in dedicated ISINs. Clients may enter trades or settlement instructions into the simulation environments in order to test corporate action on flow processing.

To ensure the coverage of mandatory events, voluntary events, a combination of mandatory and voluntary events and the booking of cash or securities proceeds, the following events could be proposed to clients for testing. Please note that the list of events is subject to internal validation and may therefore change over time. The up to date version is provided to clients in a dedicated Client Simulation Guideline, [to be published soon under OneClearstream rollout documentation](#).

Clients wishing to participate in the guided simulation have to register. A registration form has been provided [under OneClearstream rollout documentation](#) and must be submitted by 3 July 2023. Based on the information provided in the registration form, CBF created necessary settings in OCCT and IMS23.

Please note that clients which have already participated in the CAH client simulation in 2022 are not required to register again.

For a successful participation in the client simulation, account and connectivity settings must be available. Clients aiming for an end-to-end test must consider that the message flow towards OCCT via the Swift network requires the use of Test BICs as technical sender and receiver.

As a prerequisite, the Test BIC must be registered with the Swift network. Client participating for the first time can already start to enable the technical setup. This is valid for Xact Web Portal access, RMA key exchange and connectivity testing.

## 7. Migration approach and cutover

### Preparation

Clients are asked to ensure their connectivity settings with sufficient lead time. During the migration starting on 30 June 2023 with effective Go-Live date 03 July 2023, the existing subscription for asset servicing reporting (MT56x) from KADI will **not** be migrated by Clearstream. It will however remain applicable for non-migrated securities (for example, DE investment funds).

For the migrated securities and events, clients need a message subscription in Xact Web Portal. In case a subscription is already in use for other markets (e. g. FR, IT etc.), this subscription applies also for DE market in the future. If no such subscription is available, clients need to ensure that the necessary reporting is set up in advance of the migration weekend. For this purpose, Xact Web Portal can be used to set up a subscription (please refer to the [video guides](#) or the [User Manual](#)). In case of uncertainties, the Clearstream Connectivity Support team is happy to support.

Important aspects to consider for the subscription:

- Clients need to verify that they have the subscription they require for DE securities in Xact. That is, either a new subscription has to be created or an existing subscription can be amended – or the existing subscription is already sufficient. In case changes are required, this can be done already today via Xact Web Portal.
- Xact Web Portal subscriptions cover all markets. Clients cannot have one subscription for e. g. FR market and another one for DE market.
- KADI subscriptions are on Kontostamm level (4-digit account number), automatically covering all subaccounts. Xact Web Portal subscriptions are on 7-digit subaccount level. Clients should verify that all subaccounts are covered in the existing or new Xact Web Portal subscription.

In addition, access to Xact Web Portal is highly recommended for every client for the following purposes:

- CASCADE screens (for example, KVGI) are no longer available for migrated securities – functionalities will largely be available via Xact Web Portal.
- Managing of message subscriptions is possible and copies of all reporting messages are available.
- Additional new functionalities, e. g. for processing of tax breakdown and voucher, are introduced.

Xact Web Portal administrators are asked to verify their access to Xact Web Portal and that user and access rights are correctly distributed among the operational units. If Xact Web Portal is not yet set up or additional user/access rights are required, please contact the Connectivity Support team

If clients would like to adapt their connectivity settings, they are requested to contact the Connectivity Support team ([connect@clearstream.com](mailto:connect@clearstream.com) / +49 (0) 69 / 211 11590). This team supports the creation and the maintenance of settings in A2A and U2A mode.

### Migration weekend

Clearstream will begin to apply the processing changes for corporate action events with the implementation weekend on 30 June 2023 – 2 July 2023. The implementation approach defines that Clearstream provides a fluid transition for the clients. That is, processing is done either in KADI or in OneCAS, depending on the entitlement date:

- All corporate action events **announced before 3 July 2023** and with an **entitlement date before 3 July 2023** are processed in KADI, following the “as-is” process. That is, any ongoing event at the time of migration will continue to be processed via KADI. In certain cases, mainly complex corporate action events such as two event scenarios (for example, RHD/EXRI), special migration rules apply. Here, Clearstream will provide clients with a list of concerned events during the migration weekend on the [OneClearstream website](#).
- All corporate action events **announced after 3 July 2023** and with an **entitlement date before 3 July 2023**, that is backdated events, are processed in KADI, following the “as-is” process.

- All corporate action events **announced before** 3 July 2023 and with an **entitlement date after** 3 July 2023 are processed in OneCAS, following the “future” process. During the migration weekend, OneCAS creates a new announcement for the event. For the new announcement, all changes between the CBF Legacy format and the OneCAS format (for example, creation of CORP ID) already apply, meaning that the MT564 sent by OneCAS will differ from the initially provided MT564 by KADI. KADI starts the cancellation process on Friday, 3 July 2023 after end of business. The MT564 messages are distributed as per the current KADI/OneCAS reporting schedules.
- All corporate action events **announced after** 3 July 2023 and with an **entitlement date after** 3 July 2023 are processed in OneCAS, following the “future” process.

Tax bookings related to an event that was processed prior to the migration will also be handled by the CBF Legacy systems, providing clients with the currently known reporting. Accordingly, tax vouchers for events processed in KADI have to be requested via the existing KADI process.

Meeting events are not in scope of the KADI DE Migration and will be continued to be processed in KADI until the implementation of the General Meeting changes to ISO 20022 as part of the SCE project. Please refer to chapter 2 for a description of corporate action events in scope of the migration.

Further information on the implementation weekend will be provided via separate Migration Guide in due time.

## Glossary

Acronym or abbreviation	Description
<b>BIC</b>	Bank Identifier Code
<b>CA</b>	Corporate actions
<b>CBF</b>	Clearstream Banking Frankfurt (CSD)
<b>CBF-i</b>	CBF International 6-series account
<b>CBL</b>	Clearstream Banking Luxembourg (ICSD)
<b>COAF</b>	Corporate Action Event Reference
<b>CORP ID</b>	Corporate Action Reference
<b>CRA</b>	Claim and Reversal Advice
<b>CSD</b>	Central Securities Depository
<b>CSDR</b>	CSD-Regulation
<b>DCA</b>	Dedicated Cash Account
<b>DCP</b>	Direct Connected Participant
<b>ECMS</b>	European Collateral Management System
<b>EoD</b>	End of Day
<b>GC</b>	General Collateral
<b>GUI</b>	Graphical User Interface
<b>ICP</b>	Indirect Connected Participant
<b>ICSD</b>	International Central Securities Depository
<b>ISIN</b>	International Securities Identification Number
<b>KADI</b>	Kapitaldienste
<b>KUSTA</b>	Client Reference Data (Kundenstammdatensystem)
<b>LIMA</b>	CASCADE link manager
<b>LMP</b>	Local Market Partnership Model (CBF Investor CSD in a foreign CSD)
<b>MPA</b>	Main Paying Agent
<b>MT</b>	Message Type
<b>OneCAS</b>	OneClearstream Asset Services
<b>OTC</b>	Over the counter
<b>PFOD</b>	Payment Free of Delivery instruction
<b>RMA</b>	Relationship Management Application (Swift)
<b>SCE</b>	Shareholder Communication enhancement
<b>SE</b>	Stock exchange
<b>SMPG</b>	Securities Market Practice Group
<b>SRD II</b>	Shareholder's Rights Directive 2
<b>Swift</b>	Society for Worldwide Interbank Financial Telecommunication
<b>T2</b>	TARGET2
<b>T2S</b>	TARGET2-Securities
<b>WKN</b>	Wertpapierkennnummer
<b>WM</b>	Wertpapier-Mitteilungen

## Appendix

### KADI event types (Terminart)

Event segment	CBF code (:20C::CORP)	SWIFT code (:22F::CAEV)	Description
<b>Non-Income mandatory</b>	210	RHDI	Intermediate securities distribution followed by EXRI, BONU (with cash option) or DVOP
	211	SOFF	Spin-off followed by EXOF for intermediate securities distribution
	211	SPLF	Stock split followed by EXOF for intermediate securities distribution
	211	BONU	Bonus shares followed by EXOF for intermediate securities distribution
	211	DVSE	Stock dividend followed by EXOF for intermediate securities distribution
	211	PINK	Pay in Kind followed by EXOF for intermediate securities distribution
	213	DETI	Detachment of warrants
	220	REDM, MCAL	Booking out of securities due to TA13x (redemption)
	222	BONU	Bonus shares with cash alternatively – withdrawal of invalid securities after participation in cash
	222	EXOF	Withdrawal due to cash compensation at repayment/redemption (TA124)
	222	DVOP	Dividend option – withdrawal of invalid securities after participation in cash
	222	EXWA	Withdrawal (cancellation) of invalid warrants
	223	PCAL	Partial redemption with change of nominal value (TA140)
	231	REDM	Redemption in securities
	232	BONU	Bonus shares with cash alternatively – participation in securities
	232	CHAN	Reclassification
	232	CAPD	Return of capital
	232	CONV	Exchange (conversion) of shares
	232	DECR	Capital decrease followed by EXOF for intermediate securities distribution
	232	EXOF	Tender offer, exchange offer or dividend option with participation in securities
	232	MRGR	Merger
	232	PARI	Equal ranking (pari passu treatment)
	232	SPLF	Change in nominal value/number of

Event segment	CBF code (:20C::CORP)	SWIFT code (:22F::CAEV)	Description
			units
	232	SPLR	Reverse stock split
	232	OTHR	Conversion for any other reason
	235	REDO	Redenomination
	260	RHDI	Consolidation of securities by the lead manager due to TA210
	260	TEND	Consolidation of securities by the lead manager due to TA123
	281	CHAN	Notice of name change
	281	CONV	Expiry of option period with mandatory/automatic exchange (conversion)
	281	INFO	Information
	281	REDM	Rights to tender shares or bonds
	281	MRGR	Information about a funds merger
<b>Non-income voluntary</b>	280	BIDS	Buyback offer
	280	BPUT	Creditor put option/issuer call option
	280	CONS	Consent offer
	280	CONV	Expiry of exchange (conversion) period, calling in of units
	280	DVOP	Dividend option - following RHDI Bonus shares with cash option – following RHDI
	280	DTCH	Repurchase offer Dutch Auction
	280	EXOF	Exchange – Following BONU, SPLF, SOFF, DVSE, PINK or DECR
	280	EXRI	Call on intermediate securities – following RHDI
	280	EXOF	Option of returning units or shares, exchange (conversion) offer after exercising put/call option, exchange (conversion) offer after final maturity
	280	EXWA	Expiry of option period with voluntary or voluntary automatic exchange (conversion)
	280	INFO	Information
	280	ODLT	Repurchase offer (Odd lot Offer)
	280	PRIO	Priority offer
	280	TEND	Takeover bid/offer of compensation
<b>Income</b>	110	INTR	Interest
	111	INTR	Accrued interest
	112	INTR	Annuities
	120	CAPD	Return of capital
	120	DVCA	Cash Dividend
	120	DVOP	Dividend option – participation in cash

Event segment	CBF code (:20C::CORP)	SWIFT code (:22F::CAEV)	Description
	120	LIQU	Partial Liquidation (in the case of ED006= 65)
	120	SHPR	Shares Premium Dividend
	121	CAPD	Return of capital (in the case of ED006= 65)
	121	DVCA	Distribution by investment fund
	121	LIQU	Partial Liquidation (in the case of ED006= 65)
	122	EXWA	Automatic exercise of warrants
	123	TEND	Squeeze out
	124	EXOF	Cash compensation at repayment/redemption
	125	all CAEVs of TA232 are possible	Other cash payments
	126	CAPD	Return of capital (in the case of ED006= 65)
	126	DVCA, INTR	Distribution of participation rights
	126	LIQU	Partial Liquidation (in the case of ED006= 65)
	127	ACCU	Tax liquidity for accumulating funds
	130	REDM	Total redemption
	131	REDM	Redemption of participation rights
	132	REDM	Redemption of certificates
	133	LIQU	Liquidation in funds
	134	REDM	Cash compensation with redemption in the form of securities
	130-132, 134	MCAL	Early Redemption
	140	PCAL	Partial redemption with reduction of nominal value
	141	PRED	Partial redemption without reduction of nominal value
<b>General meeting</b>	282	CLSA	Class Action
	282	OMET	Annual General Meeting
	282	XMET	Extraordinary General Meeting



## Report subscription

CBF report subscription options (form 83A KADI)	OneClearstream equivalent
<b>Notification Corporate Action Event</b>	
confirmed unconfirmed (including confirmed)	ALL
Reminder NI: a reminder for voluntary events will be sent two days before the deadline and on the morning of the deadline. Reminder TA282: only valid if voluntary non-income general meetings + class action (TA282 Lup) is ticked as well	RMDR
TA11X Stamm: INTR Fixed interest/accrued interest/annuities TA11X Termin: INTR Variable interest/accrued interest/annuities	INTR
TA120: DVCA Dividends TA121: DVCA Distribution by investment fund incl. TA127 ACCU Tax liability for growth funds	DVCA
TA122: EXWA Automatic exercise of money warrants	EXWA
TA123: TEND Squeeze out TA124: TEND Compensation/buyback of shares	TEND
TA125: CAPD Return of capital/DECR Capital decrease/other income	CAPD
TA126: INTR Distribution of participation	INTR
TA130/4: REDM TA130 Total redemption/TA134 Cash compensation with redemption in the form of securities TA131: REDM Repayment of participation rights TA132: REDM Repayment of certificates	REDM
TA133: LIQU Liquidation of funds	LIQU
TA140: PCAL Partial repayment	PCAL
TA141: PRED Partial repayment/redemption by pool factor	PRED
Tax: for all foreign events with tax relief at source	any
NI-mandatory: MT564 for all mandatory non-income events TA210 (RHTS)/211 (SOFF/SPLF/BONU/DVOP/DVSE)/213 (DETI)/220 (REDM) 2 22 (EXWA/RHTS/OTHR/TEND/REDM)/223 (PCAL)/231 (REDM)/232 (CHAN/CONV/DECR/MRGR/PARI/SPLF/SPLR) 235 (REDO)/260 (RHTS) TA280 + AO: for all voluntary events with notification of voluntary exercise for an expiring warrant TA281 + AO: for all mandatory info events with notification of automatic exercise for an expiring warrant	Select CAEV manually

<b>CBF report subscription options (form 83A KADI)</b>	<b>OneClearstream equivalent</b>
TA281 - AO: for all mandatory info events without notification of automatic exercise for an expiring warrant	
TA282 CA: class action TA282 Lup: for general meetings (ordinary and extraordinary) + class action	MEET + XMET
<b>Notification booking corporate action event</b>	<b>MT564 Income Pre-Advice Report</b>
<b>Record date</b>	Select Income/Non-Income CAEV individuall
<p>Income: for holdings and trades. Compensations are added as ACLA to entitled pending transactions, as CLAI to reverse claims and as CLAI to market claims for open CCP/Eurex trades and Xemac positions.</p> <p>Non-Income: Compensations are added as ACLA to entitled pending trades and as CLAI to reverse claims on settled trades.</p> <p>FOP: MT564 REPE as CLAI for each FoP market claim generated by CBF within the compensation period.</p> <p><b>Record date -1 business day</b></p> <p>Income: for holdings and sum of pending trades (buy and sell) on record date -1 business day. Non-Income: for holdings and sum of pending trades (buy and sell) on record date -1 business day.</p> <p><b>Record date -2 business days</b></p> <p>Income: for holdings and sum of pending trades (buy and sell) on record date -2 business days.</p> <p>Non-Income: for holdings and sum of pending trades (buy and sell) on record date -2 business days.</p>	Select Date range from Payment Date -5
<b>Confirmation booking corporate action event</b>	<b>MT566 CA Confirmation</b>
Income Non-income	Select income/non-income CAEV individually
<b>Confirmation booking/execution of voluntary non-income event</b>	<b>MT566 CA Confirmation</b>
Voluntary: only after instruction routing for CBF (MT565)	Select CAEV individually

## Swift message examples

### Income Event

#### MT564

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :CORP//1302015092200000	:20C::CORP//0000000456919935
:20C: :SEME//K5AT084242B21C4Q	:20C::SEME//000000527228232S
:20C: :COAF//DE0123456789V001	:20C::COAF//DE0220125259V002
:23G: NEWM	:23G:REPL
:22F: :CAEV//REDM	:22F::CAEV//REDM
:22F: :CAMV//MAND	:22F::CAMV//MAND
:98C: :PREP//20151029084242	:98C::PREP//20220321165437
:25D: :PROC//COMP	:25D::PROC//COMP
:16S: GENL	:16R:LINK
:16R: USECU	:13A::LINK//564
:35B: ISIN DE000A13SUT8	:20C::PREV//000000526545668S
DT.ANNINGTON IMM.SE TLR	:16S:LINK
:16R: FIA	:16S:GENL
:11A: :DEN0//EUR	:16R:USECU
:16S: FIA	:35B:ISIN DE000DB9T7F0
:16R: ACCTINFO	/XS/158125757
:97A: :SAFE//xxxxxxxx	UNT DEUTSCHE BANK AG 230322
:93B: :ELIG//UNIT/1001200,	:16R:FIA
:93B: :SETT//UNIT/1000000,	:11A::DEN0//USD
:93B: :PENR//UNIT/1200,	:98A::MATU//20220323
:16S: ACCTINFO	:36B::MINO//UNIT/1,
:16S: USECU	:16S:FIA
:16R: CADETL	:16R:ACCTINFO
:98A: :RDTE//20151029	:97A::SAFE// xxxxxxxx
:16S: CADETL	:94F::SAFE//NCSD/DAKVDEFFXXX
:16R: CAOPTN	:93B::ELIG//UNIT/200,
:13A: :CAON//001	:93B::SETT//UNIT/200,
:22F: :CAOP//CASH	:16S:ACCTINFO
:17B: :DFLT//Y	:16S:USECU
:16R: SECMOVE	:16R:CADETL
:22H: :CRDB//DEBT	:98A::ANOU//20180704
:35B: ISIN DE000A13SUT8	:98A::RDTE//20220322

KADI	OneCAS
DT.ANNINGTON IMM.SE TLR :98A: :PAYD//20151030 :16S: SECMOVE :16R: CASHMOVE :22H: :CRDB//CRED :97A: :CASH//xxxxxxxx :19B: :ENTL//EUR1000000, :19B: :GRSS//EUR1000000, :98A: :PAYD//20151030 :98A: :VALU//20151030 :90A: :OFFR//PRCT/100, :16S: CASHMOVE :16S: CAOPTN :16R: ADDINFO :95Q: :PAYA// MUSTERBANK MSUTERWEG 99 D-11111 TESTSTADT :16S: ADDINFO	:22F::ADDB//CNTR :16S:CADETL :16R:CAOPTN :13A::CAON//001 :22F::CAOP//CASH :11A::OPTN//USD :17B::DFLT//Y :16R:SECMOVE :22H::CRDB//DEBT :35B:ISIN DE000DB9T7F0 /XS/158125757 UNT DEUTSCHE BANK AG 230322 :94F::SAFE//NCSD/DAKVDEFFXXX :98A::PAYD//20220323 :16S:SECMOVE :16R:CASHMOVE :22H::CRDB//CRED :97A::CASH//xxxxxxxx :98A::PAYD//20220323 :98A::VALU//20220323 :90B::OFFR//ACTU/USD50,73 :16S:CASHMOVE :16S:CAOPTN :16R:ADDINFO :70E::PACO//ATTENTION: SECURITIES ADM/CORPORATE ACTIONS/REORG :70E::PACO//FOR INQUIRIES PLEASE CONTACT YOUR REGULAR CUSTOMER SUPPORT TEAM :70E::DISC//PLEASE FIND FURTHER INFORMATION ABOUT DATA PROTECTION ON OUR WEBSITE: <a href="https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection">https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection</a> :95Q: :PAYA// MUSTERBANK MSUTERWEG 99 D-11111 TESTSTADT :16S:ADDINFO

**MT548**

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :SEME//C0A60918316ECA4I	:20C::SEME//Z821970
:23G: INST	:23G:INST
:98C: :PREP//20201006091831	:98C::PREP//20220323170055
:16R: LINK	:16R:LINK
:20C: :RELA//NONREF	:20C::RELA//NONREF
:16S: LINK	:16S:LINK
:16R: LINK	:16R:LINK
:20C: :COMM//600	:20C::COMM//62BDBEE61F7B8569
:16S: LINK	:16S:LINK
:16R: LINK	:16R:LINK
:20C: :CORP//1402020100268200	:20C::CORP//0000000828737357
:16S: LINK	:16S:LINK
:16R: LINK	:16R:LINK
:20C: :TRRF//KP12340163802310	:20C::PCTI//CSTDY00075621970
:16S: LINK	:16S:LINK
:16R: LINK	:16R:STAT
:13B: :LINK/DAKV/DAKVDEFFXXX	:25D::SETT//PENF
:20C: :POOL//C0A6091611DEC1FP	:16R:REAS
:16S: LINK	:24B::PENF//CYCL
:16R: LINK	:16S:REAS
:13B: :LINK/DAKV/DAKVDEFFXXX	:16S:STAT
:20C: :PCTI//C0A6091611E911B	:16S:GENL
:16S: LINK	:16R:SETTRAN
:16R: LINK	:94F::SAFE//NCSD/SICVFRPPXXX
:20C: :MITI//2010064969363718	:35B:ISIN FR0126461849
:16S: LINK	/XS/227654724
:16R: STAT	EUR 0,00 FRANCE (BTF) 230322
:25D: :SETT//PEND	:36B::SETT//FAMT/0,
:16R: REAS	:19A::SETT//EUR14710000,
:24B: :PEND//FUTU	:97A::SAFE//xxxxx
:70D: :REAS///SETS 000/MATS 002/PROS	:22F::SETR/CEDE/CORP
100/PRIR 3 /PEND FUTU/PRQT 0,	:22H::REDE//DELI
:16S: REAS	:22H::PAYM//APMT
:16S: STAT	:22F::STCO//TRAN
:16S: GENL	:22F::STCO//NPAR

KADI	OneCAS
:16R: SETTRAN :35B: ISIN DE000A1Z3JM4 ALPHA EUR.COMP.1 16/26FLR 30J31D 19,013,432 :36B: :SETT//FAMT/0, :19A: :SETT//EUR267000, :97A: :SAFE//xxxxxxxx :22F: :SETR/COEX/CORP :22H: :REDE//DELI :22H: :PAYM//APMT :22F: :STCO//NPAR :98A: :SETT//20201006 :98A: :TRAD//20201006 :98C: :ASTS//20201006093419 :98C: :MTCH//20201006093419 :70E: :SPRO///CASH CDEEURTESTDEFFXXDCA1/ISTR CO RP/FREE 140 2020100268200 83994 :16R: SETPRTY :95P: :DEAG//TESTDEFFXXX :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//DAKVDEFFT19 :97A: :SAFE//xxxxxxxx :20C: :PROC//KP12340285904330 :16S: SETPRTY :16S: SETTRAN	:22F::RTGS//NRTG :98C::ASTS//20220323170053 :98A::EXSE//20220324 :98C::MTCH//20220323170055 :98A::SETT//20220323 :98A::EXVA//20220324 :98A::TRAD//20220323 :70E::SPRO//REDMTRAN FR0126461849 23MAR22 PID QTY 14.710.000 TR AP00223708951Q1 CP 31141 :16R:SETPRTY :95P::PSET//DAKVDEFFXXX :16S:SETPRTY :16R:SETPRTY :95R::REAG/CEDE/xxxxx :16S:SETPRTY :16S:SETTRAN

**MT544-7**

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :SEME//TESTMESSAGE1	:20C::SEME//Z821970
:23G: NEWM	:23G:NEWM
:98C: :PREP//20201006091858	:98C::PREP//20220323213133
:16R: LINK	:16R:LINK
:13B: :LINK/DAKV/DAKVDEFFXXX	:20C::RELA//NONREF
:20C: :POOL// T2S Pool Reference	:16S:LINK
:16S: LINK	:16R:LINK
:16R: LINK	:20C::COMM//62BDBEE61F7B8569
:20C: :RELA//NONREF	:16S:LINK
:16S: LINK	:16R:LINK
:16R: LINK	:20C::CORP//0000000828737357
:20C: :TRRF//KP123402765432	:16S:LINK
:16S: LINK	:16R:LINK
:16R: LINK	:20C::PCTI//CSTDY00075621970
:20C: :COMM//501	:16S:LINK
:16S: LINK	:16S:GENL
:16R: LINK	:16R:TRADDET
:20C: :CORP//1302012340353600	:98A::SETT//20220323
:16S: LINK	:98A::TRAD//20220323
:16R: LINK	:98A::ESET//20220324
:20C: :MITI//2010034964561706	:35B:ISIN FR0126461849
:16S: LINK	/XS/227654724
:16R: LINK	EUR 0,00 FRANCE (BTF) 230322
:13B: :LINK/DAKV/DAKVDEFFXXX	:22F::PRIR//0002
:20C: :PCTI// T2S Reference	:70E::SPRO//REDMTRAN FR0126461849 23MAR22
:16S: LINK	PID QTY 14.710.000
:16S: GENL	TR AP00223708951Q1 CP xxxxx
:16R: TRADDET	:16S:TRADDET
:98C: :ESET//20201003091735	:16R:FIAC
:98A: :TRAD//20201003	:36B::ESTT//FAMT/0,
:35B: ISIN DE000A3GE8L0	:97A::SAFE//xxxxx
FRESEN.FIN.IRE. TR.358	:94F::SAFE//NCSD/SICVFRPPXXX
:22F: :PRIR//0003	:16S:FIAC
:70E: :SPRO//130 2020070353600 83994	:16R:SETDET
:16S: TRADDET	:22F::STCO//TRAN
:16R: FIAC	:22F::STCO//NPAR

KADI	OneCAS
:36B: :ESTT//FAMT/0,	:22F::SETR/CEDE/CORP
:36B: :PSTT//FAMT/0,	:22F::RTGS//NRTG
:36B: :RSTT//FAMT/0,	:16R:SETPRTY
:19A: :PSTT//EUR0,	:95P::PSET//DAKVDEFFXXX
:19A: :RSTT//EUR0,	:16S:SETPRTY
:97A: :SAFE//xxxxxxxx	:16R:SETPRTY
:97A: :CASH// DCA Receiver	:95R::REAG/CEDE/xxxxx
:16S: FIAC	:16S:SETPRTY
:16R: SETDET	:16R:AMT
:22F: :STCO//NPAR	:19A::ESTT//EUR14710000,
:22F: :SETR/COEX/CORP	:98A::VALU//20220324
:16R: SETPRTY	:16S:AMT
:95P: :DEAG//DAKVDEFFT19	:16S:SETDET
:97A: :SAFE//xxxxxxxx	
:20C: :PROC//KP790701123456	
:16S: SETPRTY	
:16R: SETPRTY	
:95P: :PSET//DAKVDEFFXXX	
:16S: SETPRTY	
:16R: SETPRTY	
:95P: :REAG//TESTBANKXXX	
:97A: :SAFE//xxxxxxxx	
:70E: :DECL///ISST N/ISTR CORP	
:16S: SETPRTY	
:16R: AMT	
:19A: :ESTT//EUR57500000,	
:16S: AMT	
:16S: SETDET	



**MT566**

KADI	OneCAS
:16R: GENL	:16R: GENL
:20C: :CORP//1302010083193500	:20C::CORP//0000000385313144
:20C: :SEME//K0B11108477E173S	:20C::SEME//000000145916623Z
:20C: :COAF//DE0123456789V001	:23G: NEWM
:23G: NEWM	:22F::CAEV//INTR
:22F: :CAEV//REDM	:98C::PREP//20170403080552
:98C: :PREP//20101101110847	:16R:LINK
:16S: GENL	:13A::LINK//564
:16R: USECU	:20C::PREV//000000230267266S
:97A: :SAFE//xxxxxxx	:16S: LINK
:35B: ISIN DE0001106227	:16S: GENL
BUNDESSCH.BR.B 2003/10	:16R: USECU
:16R: FIA	:97A::SAFE//XXXX0000
:11A: :DENO//EUR	:94F::SAFE//NCSD/DAKVDEFFXXX
:16S: FIA	:35B:ISIN DE000A1MLXN3
:93B: :ELIG//FAMT/777696,78	EUR 2,625 DAIMLER AG (REGS) 12-2019
:93B: :SETT//FAMT/777696,78	:16R: FIA
:93B: :CONB//FAMT/777696,78	:22F::MICO//A006
:16S: USECU	:11A::DENO//EUR
:16R: CADETL	:92A::PRFC//1,
:98A: :RDTE//20101029	:36B::MINO//FAMT/1000,
:16S: CADETL	:16S: FIA
:16R: CACONF	:93B::CONB//FAMT/700000,
:13A: :CAON//130	:16S: USECU
:22F: :CAOP//CASH	:16R: CADETL
:16R: CASHMOVE	:98A::ANOU//20160402
:22H: :CRDB//CRED	:98A::RDTE//20170331
:97A: :CASH//CUSTOMER DCA	:69A::INPE//20160402/20170402
:19B: :PSTA//EUR777696,78	:99A::DAAC//365
:19B: :GRSS//EUR777696,78	:92A::INTR//2,625
:98A: :POST//20101101	:16S: CADETL
:98A: :VALU//20101101	:16R: CACONF
:98A: :PAYD//20101101	:13A::CAON//001
:90A: :OFFR//PRCT/100,000000000	:22F::CAOP//CASH
:16S: CASHMOVE	:16R:CASHMOVE
:16S: CACONF	:22H::CRDB//CRED
:16R: ADDINFO	:97A::CASH//CDEEURXXXXXXXXXXXXXXXXXXXXXXX

KADI	OneCAS
:70E: :ADTX//KADI-LFNR 00154 T2S-ACTOR-REFE12345678901234 REF-OWNER BICDAKVDEFFXXX :16S: ADDINFO	:19B::PSTA//EUR18375, :19B::GRSS//EUR18375, :19B::NETT//EUR18375, :98A::POST//20170403 :98A::VALU//20170403 :98A::PAYD//20170403 :92A::TAXR//0, :92A::INTP//2,625 :16S: CASHMOVE :16S: CACONF :16R: ADDINFO :70E::TXNR//INTRCRED DE000A1MLXN3 03APR17 OIF QTY 700000 :16S: ADDINFO

## Non-Income Event

### MT564

KADI	OneCAS
:16R: GENL :20C: :CORP//2802015092100000 :20C: :SEME//K59L165149A01B8Q :20C: :COAF//DE0123456789K001 :23G: NEWM :22F: :CAEV//EXRI :22F: :CAMV//CHOS :98C: :PREP//20150921165149 :25D: :PROC//PREC :16R: LINK :13A: :LINK//564 :20C: :CORP//2102015092100000 :16S: LINK :16S: GENL :16R: USECU :35B: ISIN DE000A0JCZK1 BET-AT-HOME.COM AG BZR :16R: ACCTINFO :97A: :SAFE//xxxxxxxx	:16R:GENL :20C::CORP//AC13365588 :20C::SEME//000000518757622S :23G:REPL :22F::CAEV//MRGR :22F::CAMV//MAND :98C::PREP//20220203132020 :25D::PROC//COMP :16R:LINK :13A::LINK//564 :20C::PREV//000000506681877S :16S:LINK :16S:GENL :16R:USECU :35B:ISIN CA64047A1084 /XS/147674511 SHS NEO LITHIUM CORP ORD REG :16R:FIA :11A::DENO//CAD

KADI	OneCAS
:16S: ACCTINFO	:36B::MINO//UNIT/1,
:16S: USECU	:16S:FIA
:16R: CADETL	:16R:ACCTINFO
:98A: :RDTE//20150928	:97A::SAFE//xxxxx
:17B: :SRDC//Y	:94F::SAFE//NCSD/XXXXXXXXXXXX
:16S: CADETL	:93B::ELIG//UNIT/73759,
:16R: CAOPTN	:93B::SETT//UNIT/73759,
:13A: :CAON//001	:16S:ACCTINFO
:22F: :CAOP//EXER	:16S:USECU
:17B: :DFLT//N	:16R:CADETL
:98E: :EARD//20150928190000/00	:98A::ANOU//20211119
:98E: :RDDT//20151029080000/00	:98A::EFFD//20220202
:98E: :MKDT//20151029140000/00	:17B::CERT//Y
:69A: :PWAL//20150929/20151029	:22F::OFFE//DISS
:16R: SECMOVE	:22F::ADDB//CNTR
:22H: :CRDB//DEBT	:16S:CADETL
:35B: ISIN DE000A0JCZK1	:16R:CAOPTN
BET-AT-HOME.COM AG BZR	:13A::CAON//001
:98A: :PAYD//20151102	:22F::CAOP//CASH
:16S: SECMOVE	:11A::OPTN//CAD
:16R: SECMOVE	:17B::DFLT//Y
:22H: :CRDB//CRED	:16R:SECMOVE
:35B: ISIN DE000A0SMH2	:22H::CRDB//DEBT
MUTARES AG	:35B:ISIN CA64047A1084
:92D: :NEWO//1,/3,	/XS/147674511
:98B: :PAYD//UKWN	SHS NEO LITHIUM CORP ORD REG
:98A: :DIVR//20150101	:94F::SAFE//NCSD/XXXXXXXXXXXX
:16S: SECMOVE	:98A::PAYD//20220203
:16R: CASHMOVE	:16S:SECMOVE
:22H: :CRDB//DEBT	:16R:CASHMOVE
:97A: :CASH//xxxx0000	:22H::CRDB//CRED
:98A: :PAYD//20151030	:97A::CASH//xxxxx
:90B: :PRPP//ACTU/EUR7,8	:98A::PAYD//20220203
:16S: CASHMOVE	:98A::VALU//20220202
:70E: :ADTX//NARRATIVE PRESENT IN INSTRUCTION	:90B::OFFR//ACTU/CAD6,5
BLOCK (:16R:CAINST :16S:CAINST) AND /OR ADDITIONAL INFORMATION BLOCK	:16S:CASHMOVE
	:16S:CAOPTN
	:16R:ADDINFO

KADI	OneCAS
{:16R:ADDINFO :16S:ADDINFO) OF MT565 WILL BE DISREGARDED.  CLEARSTREAM WILL NOT VALIDATE ANY OF THE INFORMATION IN THESE BLOCKS. LEADMANAGER7094 :16S: CAOPTN :16R: CAOPTN :13A: :CAON//002 :22F: :CAOP//BUYA :17B: :DFLT//N :98E: :RDDT//20151028080000/00 :69A: :PWAL//20150929/20151028 :16R: SECMOVE :22H: :CRDB//CRED :35B: ISIN DE000A0JCZK1 BET-AT-HOME.COM AG BZR :98B: :PAYD//ONGO :16S: SECMOVE :16R: CASHMOVE :22H: :CRDB//DEBT :97A: :CASH//xxxx0000 :98B: :PAYD//ONGO :16S: CASHMOVE :70E: :ADTX//NARRATIVE PRESENT IN INSTRUCTION BLOCK (:16R:CAINST :16S:CAINST) AND /OR ADDITIONAL INFORMATION BLOCK (:16R:ADDINFO :16S:ADDINFO) OF MT565 WILL BE DISREGARDED. CLEARSTREAM WILL NOT VALIDATE ANY OF THE INFORMATION IN THESE BLOCKS. :16S: CAOPTN :16R: CAOPTN :13A: :CAON//003 :22F: :CAOP//SLLE :17B: :DFLT//N :98E: :RDDT//20151028080000/00 :69A: :PWAL//20150929/20151028 :16R: SECMOVE	:70E::TAXE//. U.S. SHAREHOLDER MAY BE SUBJECT TO U.S. BACKUP WITHHOLDING TAX. :70E::PACO//FOR INQUIRIES PLEASE CONTACT YOUR REGULAR CUSTOMER SUPPORT TEAM :70E::DISC//PLEASE FIND FURTHER INFORMATION ABOUT DATA PROTECTION ON OUR WEBSITE: <a href="https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection">https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection</a> :16S:ADDINFO

KADI	OneCAS
:22H: :CRDB//DEBT :35B: ISIN DE000A0JCZK1 BET-AT-HOME.COM AG BZR :98B: :PAYD//ONGO :16S: SECMOVE :16R: CASHMOVE :22H: :CRDB//CRED :97A: :CASH//xxxx0000 :98B: :PAYD//ONGO :16S: CASHMOVE :70E: :ADTX//NARRATIVE PRESENT IN INSTRUCTION BLOCK (:16R:CAINST :16S:CAINST) AND /OR ADDITIONAL INFORMATION BLOCK (:16R:ADDINFO :16S:ADDINFO) OF MT565 WILL BE DISREGARDED. CLEARSTREAM WILL NOT VALIDATE ANY OF THE INFORMATION IN THESE BLOCKS. :16S: CAOPTN :16R: CAOPTN :13A: :CAON//004 :22F: :CAOP//OVER :17B: :DFLT//N :98E: :EARD//20150928190000/00 :98E: :RDDT//20151029080000/00 :98E: :MKDT//20151029140000/00 :69A: :PWAL//20150929/20151029 :16R: SECMOVE :22H: :CRDB//CRED :35B: ISIN DE000A0SMSH2 MUTARES AG :98B: :PAYD//UKWN :98A: :DIVR//20150101 :16S: SECMOVE :16R: CASHMOVE :22H: :CRDB//DEBT :97A: :CASH//xxxx0000 :98A: :PAYD//20151030	

KADI	OneCAS
:90B: :PRPP//ACTU/EUR7,8 :16S: CASHMOVE :70E: :ADTX//NARRATIVE PRESENT IN INSTRUCTION BLOCK (:16R:CAINST :16S:CAINST) AND /OR ADDITIONAL INFORMATION BLOCK (:16R:ADDINFO :16S:ADDINFO) OF MT565 WILL BE DISREGARDED. CLEARSTREAM WILL NOT VALIDATE ANY OF THE INFORMATION IN THESE BLOCKS. :16S: CAOPTN :16R: CAOPTN :13A: :CAON//005 :22F: :CAOP//LAPS :17B: :DFLT//Y :16R: SECMOVE :22H: :CRDB//DEBT :35B: ISIN DE000A0JCZK1 BET-AT-HOME.COM AG BZR :98A: :PAYD//20151102 :16S: SECMOVE :70E: :ADTX//NARRATIVE PRESENT IN INSTRUCTION BLOCK (:16R:CAINST :16S:CAINST) AND /OR ADDITIONAL INFORMATION BLOCK (:16R:ADDINFO :16S:ADDINFO) OF MT565 WILL BE DISREGARDED. CLEARSTREAM WILL NOT VALIDATE ANY OF THE INFORMATION IN THESE BLOCKS. :16S: CAOPTN :16R: ADDINFO :70E: :ADTX//21.09. 09:34 setup in wss :16S: ADDINFO	

**MT567**

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :SEME//K61P1022166D7DFO	:20C::CORP//AC7698427
:20C: :CORP//2802015112500000	:20C::SEME//0000000223848708Z
:20C: :COAF//DE0123456789K001	:20C::COAF//DE0180326816U001
:23G: INST	:23G:INST
:22F: :CAEV//EXRI	:22F::CAEV//CONV
:98C: :PREP//20160125102216	:98C::PREP//20220331144050
:16R: LINK	:16R:LINK
:13A: :LINK//565	:13A::LINK//565
:20C: :RELA//1234567890	:20C::RELA//1234567890
:16S: LINK	:16S:LINK
:16R: STAT	:16R:STAT
:25D: :IPRC//PACK	:25D::IPRC//PACK
:16S: STAT	:16S:STAT
:16S: GENL	:16S:GENL
:16R: CADETL	:16R:CADETL
:13A: :CAON//001	:13A::CAON//001
:22F: :CAOP//EXER	:22H::CAOP//SECU
:97A: :SAFE//xxxxxxxx	:97A::SAFE//xxxxx
:35B: ISIN DE000A0JRV09	:35B:ISIN DE000A2LQF20
BEZUGSRECHT	/XS/180308172
:36B: :STAQ//UNIT/10,	EUR 3,625 DEUTSCHE ROHSTOFF (REGS C
:16S: CADETL	V) 18-2023
:16R: ADDINFO	:36B::STAQ//FAMT/112000,
:70E: :PACO//ASSET SERVICES, CORPORATE	:16S:CADETL
ACTIONS C	:16R:ADDINFO
LEARSTREAM BANKING FRANKFURT	:70E::ADTX//CSTDY00075874066
:16S: ADDINFO	:16S:ADDINFO

**MT548**

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :SEME//C0A60918316ECA4I	:20C::SEME//GM6ASBF
:23G: INST	:23G:INST
:98C: :PREP//20201006091831	:98C::PREP//20220204030230
:16R: LINK	:16R:LINK
:20C: :RELA//NONREF	:20C::RELA//NONREF
:16S: LINK	:16S:LINK
:16R: LINK	:16R:LINK
:20C: :COMM//600	:20C::COMM//D35965AE792EDE75
:16S: LINK	:16S:LINK
:16R: LINK	:16R:LINK
:20C: :CORP//1402020100268200	:20C::CORP//AC13365588
:16S: LINK	:16S:LINK
:16R: LINK	:16R:LINK
:20C: :TRRF//KP12340163802310	:20C::PCTI//STA2AP37B3K6ASBF
:16S: LINK	:16S:LINK
:16R: LINK	:16R:STAT
:13B: :LINK/DAKV/DAKVDEFFXXX	:25D::SETT//PENF
:20C: :POOL//C0A6091611DEC1FP	:16R:REAS
:16S: LINK	:24B::PENF//PRCY
:16R: LINK	:16S:REAS
:13B: :LINK/DAKV/DAKVDEFFXXX	:16S:STAT
:20C: :PCTI//C0A6091611E911B	:16S:GENL
:16S: LINK	:16R:SETTRAN
:16R: LINK	:94F::SAFE//NCSD/XXXXXXXXXXXX
:20C: :MITI//2010064969363718	:35B:ISIN CA64047A1084
:16S: LINK	/XS/147674511
:16R: STAT	SHS NEO LITHIUM CORP ORD REG
:25D: :SETT//PEND	:36B::SETT//UNIT/0,
:16R: REAS	:19A::SETT//EUR9373,85
:24B: :PEND//FUTU	:97A::SAFE//xxxxx
:70D: :REAS///SETS 000/MATS 002/PROS	:22F::SETR/CEDE/CORP
100/PRIR 3 /PEND FUTU/PRQT 0,	:22H::REDE//RECE
:16S: REAS	:22H::PAYM//APMT
:16S: STAT	:22F::STCO//TRAN
:16S: GENL	:22F::STCO//NPAR
:16R: SETTRAN	:22F::RTGS//YRTG



KADI	OneCAS
:35B: ISIN DE000A1Z3JM4 ALPHA EUR.COMP.1 16/26FLR 30J31D 19,013,432 :36B: :SETT//FAMT/0, :19A: :SETT//EUR267000, :97A: :SAFE//xxxxxxxx :22F: :SETR/COEX/CORP :22H: :REDE//DELI :22H: :PAYM//APMT :22F: :STCO//NPAR :98A: :SETT//20201006 :98A: :TRAD//20201006 :98C: :ASTS//20201006093419 :98C: :MTCH//20201006093419 :70E: :SPRO///CASH CDEEURTESTDEFFXXDCA1/ISTR CO RP/FREE 140 2020100268200 83994 :16R: SETPRTY :95P: :DEAG//TESTDEFFXXX :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//DAKVDEFFT19 :97A: :SAFE//xxxxxxxx :20C: :PROC//KP12340285904330 :16S: SETPRTY :16S: SETTRAN	:98C: :ASTS//20220204030229 :98A: :EXSE//20220204 :98C: :MTCH//20220204030230 :98A: :SETT//20220203 :98A: :EXVA//20220204 :98A: :TRAD//20220131 :70E: :SPRO//PRIR 0001 PRIR 0001 MRGRTRAN CA64047A1084 03FEB22 PCA TR SRA2AP37B3K6ASBF CP xxxxx :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95R: :DEAG/CEDE/xxxxx :16S: SETPRTY :16R: SETPRTY :95R: :SELL/DAKV/xxxx :16S: SETPRTY :16R: SETPRTY :95R: :BUYR/DAKV/xxxx :16S: SETPRTY :16R: SETPRTY :95R: :REAG/CEDE/xxxxx :16S: SETPRTY :16S: SETTRAN

**MT544-7**

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :SEME//TESTMESSAGE1	:20C::SEME//GM6ASBF
:23G: NEWM	:23G:NEWM
:98C: :PREP//20201006091858	:98C::PREP//20220331140618
:16R: LINK	:16R:LINK
:13B: :LINK/DAKV/DAKVDEFFXXX	:20C::RELA//NONREF
:20C: :POOL// T2S Pool Reference	:16S:LINK
:16S: LINK	:16R:LINK
:16R: LINK	:20C::COMM//D35965AE792EDE75
:20C: :RELA//NONREF	:16S:LINK
:16S: LINK	:16R:LINK
:16R: LINK	:20C::CORP//AC13365588
:20C: :TRRF//KP123402765432	:16S:LINK
:16S: LINK	:16R:LINK
:16R: LINK	:20C::PCTI//STA2AP37B3K6ASBF
:20C: :COMM//501	:16S:LINK
:16S: LINK	:16S:GENL
:16R: LINK	:16R:TRADDET
:20C: :CORP//1302012340353600	:98A::SETT//20220203
:16S: LINK	:98A::TRAD//20220131
:16R: LINK	:98A::ESET//20220331
:20C: :MITI//2010034964561706	:35B:ISIN CA64047A1084
:16S: LINK	/XS/147674511
:16R: LINK	SHS NEO LITHIUM CORP ORD REG
:13B: :LINK/DAKV/DAKVDEFFXXX	:22F::PRIR//0001
:20C: :PCTI// T2S Reference	:70E::SPRO//MRGRTRAN CA64047A1084 03FEB22
:16S: LINK	PCA TR SRA2AP37B3K6ASBF CP xxxxx
:16S: GENL	:16S:TRADDET
:16R: TRADDET	:16R:FIAC
:98C: :ESET//20201003091735	:36B::ESTT//UNIT/0,
:98A: :TRAD//20201003	:97A::SAFE//xxxxx
:35B: ISIN DE000A3GE8L0	:94F::SAFE//NCSD/XXXXXXXXXXXX
FRESEN.FIN.IRE. TR.358	:16S:FIAC
:22F: :PRIR//0003	:16R:SETDET
:70E: :SPRO//130 2020070353600 83994	:22F::STCO//TRAN
:16S: TRADDET	:22F::STCO//NPAR
:16R: FIAC	:22F::SETR/CEDE/CORP

KADI	OneCAS
:36B: :ESTT//FAMT/0,	:22F::RTGS//YRTG
:36B: :PSTT//FAMT/0,	:16R:SETPRTY
:36B: :RSTT//FAMT/0,	:95P::PSET//DAKVDEFFXXX
:19A: :PSTT//EUR0,	:16S:SETPRTY
:19A: :RSTT//EUR0,	:16R:SETPRTY
:97A: :SAFE//xxxxxxxx	:95R::DEAG/CEDE/xxxx
:97A: :CASH// DCA Receiver	:16S:SETPRTY
:16S: FIAC	:16R:SETPRTY
:16R: SETDET	:95R::SELL/DAKV/xxxx
:22F: :STCO//NPAR	:16S:SETPRTY
:22F: :SETR/COEX/CORP	:16R:SETPRTY
:16R: SETPRTY	:95R::BUYR/DAKV/xxxx
:95P: :DEAG//DAKVDEFFT19	:16S:SETPRTY
:97A: :SAFE//xxxxxxxx	:16R:SETPRTY
:20C: :PROC//KP123401123456	:95R::REAG/CEDE/xxxx
:16S: SETPRTY	:16S:SETPRTY
:16R: SETPRTY	:16R:AMT
:95P: :PSET//DAKVDEFFXXX	:19A::ESTT//EUR9373,85
:16S: SETPRTY	:98A::VALU//20220331
:16R: SETPRTY	:16S:AMT
:95P: :REAG//TESTBANKXXX	:16S:SETDET
:97A: :SAFE//xxxxxxxx	
:70E: :DECL//ISST N/ISTR CORP	
:16S: SETPRTY	
:16R: AMT	
:19A: :ESTT//EUR57500000,	
:16S: AMT	
:16S: SETDET	

**MT566**

KADI	OneCAS
:16R: GENL	:16R:GENL
:20C: :CORP//2802013121804000	:20C::CORP//AC13365588
:20C: :SEME//KADG122034069222	:20C::SEME//000000221421631Z
:20C: :COAF//DE0123456789K001	:23G:NEWM
:23G: NEWM	:22F::CAEV//MRGR
:22F: :CAEV//EXRI	:98C::PREP//20220208161959
:98C: :PREP//20150316122034	:16R:LINK
:16S: GENL	:13A::LINK//564
:16R: USECU	:20C::PREV//000000518773215S
:97A: :SAFE//xxxxxxx	:16S:LINK
:35B: ISIN DE000A0H5ZX5	:16S:GENL
PAION AG BZR	:16R:USECU
:93B: :CONB//UNIT/19,	:97A::SAFE//xxxxx
:16S: USECU	:94F::SAFE//NCSD/XXXXXXXXXXXX
:16R: CADETL	:35B:ISIN CA64047A1084
:98A: :XDTE//20150215	SHS NEO LITHIUM CORP ORD REG
:16S: CADETL	:16R:FIA
:16R: CACONF	:11A::DENO//CAD
:13A: :CAON//001	:36B::MINO//UNIT/1,
:22F: :CAOP//EXER	:16S:FIA
:16R: CASHMOVE	:93B::CONB//UNIT/152,
:22H: :CRDB//DEBT	:16S:USECU
:97A: :CASH//xxxxxxx	:16R:CADETL
:19B: :PSTA//EUR3,6	:98A::ANOU//20211119
:98A: :POST//20150316	:98A::EFFD//20220202
:98A: :VALU//20150316	:22F::OFFE//DISS
:90B: :PRPP//ACTU/EUR1,8	:16S:CADETL
:16S: CASHMOVE	:16R:CACONF
:16S: CACONF	:13A::CAON//001
:16R: ADDINFO	:22F::CAOP//CASH
:70E: :ADTX//EXERCISE OF INSTRUCTED RIGHTS	:98A::TRAD//20220208
:16S: ADDINFO	:16R:SECMOVE
	:22H::CRDB//DEBT
	:35B:ISIN CA64047A1084
	SHS NEO LITHIUM CORP ORD REG
	:36B::PSTA//UNIT/152,
	:94F::SAFE//NCSD/XXXXXXXXXXXX

KADI	OneCAS
	:98A::POST//20220208 :98A::PAYD//20220208 :16S:SECMOVE :16S:CACONF :16R:ADDINFO :70E::TXNR//MRGRDEBI CA64047A1084 08FEB22 PCA SEC PROCEEDS QTY 152 :16S:ADDINFO

## Market Claim Event

### MT564

KADI	OneCAS
:16R: GENL :20C: :CORP//1202015102700000 :20C: :SEME//K5B3175041A0A16Q :20C: :COAF//DE0123456789E002 :23G: REPE :22F: :CAEV//DVCA :22F: :CAMV//MAND :98C: :PREP//20151103175041 :25D: :PROC//COMP :16R: LINK :20C: :CORP//1202015102700000 :16S: LINK :16R: LINK :20C: :PREV//NONREF :16S: LINK :16R: LINK :20C: :RELA//0002000025 :16S: LINK :16S: GENL :16R: USECU :35B: ISIN DE0008007246 TELESENS NA O.N. N.NOT. :16R: FIA :11A: :DENO//EUR :16S: FIA	:16R:GENL :20C::CORP//00000000482590451 :20C::SEME//95F194 :23G:ADDB :22F::CAEV//DVCA :22F::CAMV//MAND :98C::PREP//20170802105055 :25D::PROC//ENTL :16R:LINK :20C::RELA//ELCOMFRRE03110LL :16S:LINK :16S:GENL :16R:USECU :35B:ISIN FR0YY587Q010 /XS/163713870 YY587 FR 4F EQUITY 1 :16R:FIA :11A::DENO//EUR :36B::MINO//UNIT/1, :16S:FIA :16R:ACCTINFO :97A::SAFE//xxxxxxxx :94F::SAFE//NCSD/ABCDEFGHXXX :93B::ELIG//UNIT/N2000, :16S:ACCTINFO

KADI	OneCAS
:16R: ACCTINFO	:16S:USECU
:97A: :SAFE//xxxxxxx	:16R:CADETL
:93B: :PEND//UNIT/N210,	:98A::ANOU//20170201
:16S: ACCTINFO	:98A::XDTE//20170615
:16S: USECU	:98A::RDTE//20170619
:16R: CADETL	:22F::ADDB//CLAI
:98A: :RDTE//20151103	:16S:CADETL
:22F: :ADDB//CLAI	:16R:CAOPTN
:16S: CADETL	:13A::CAON//001
:16R: CAOPTN	:22F::CAOP//CASH
:13A: :CAON//001	:11A::OPTN//EUR
:22F: :CAOP//CASH	:17B::DFLT//Y
:17B: :DFLT//Y	:16R:CASHMOVE
:16R: CASHMOVE	:22H::CRDB//DEBT
:22H: :CRDB//DEBT	:97A::CASH//12340000
:97A: :CASH//CUSTOMER DCA	:19B::ENTL//EUR2000,
:19B: :ENTL//EUR210,	:19B::TXFR//EUR2000,
:19B: :GRSS//EUR210,	:19B::GRSS//EUR2000,
:19B: :MKTC//EUR210,	:19B::MKTC//EUR2000,
:98A: :PAYD//20151104	:19B::NETT//EUR2000,
:98A: :VALU//20151104	:19B::TAXR//EUR0,
:92F: :GRSS//EUR1,	:98A::PAYD//20170620
:92J: :GRSS//TXBL/EUR1,000000000/ACTU	:98A::VALU//20170620
:16S: CASHMOVE	:98A::EARL//20170620
:16S: CAOPTN	:92J::GRSS//TXFR/EUR1,
:16R: ADDINFO	:92F::GRSS//EUR1,
:70E: :ADTX//MARKET CLAIM OF CCP GROSS TRADE	:92F::NETT//EUR1,
TR RELA0002000025	:92A::TAXR//0,
T2S-ACTOR-REFE12345678901234	:16S:CASHMOVE
REF-OWNER-BICDAKVDEFFXXX	:16S:CAOPTN
TRADE DAY20151006	:16R:ADDINFO
COUNTERPARTxxxxxxx	:70E::PACO//FOR INQUIRIES PLEASE CONTACT YOUR
TRADING LOCATION130	REGULAR CUSTOMER SUPPORT TEAM
ORDER NO.1021510272000025	:95Q: :PAYA//
KADI-LFNR 00311	INTERNATIONAL TESTBANK
:95Q: :PAYA//	NEW TOWN GATE
INTERNATIONAL TESTBANK	GB-LONDON EC2M XY1Z 1AA

KADI	OneCAS
NEW TOWN GATE GB-LONDON EC2M XY1Z 1AA :16S: ADDINFO	:16S:ADDINFO

#### MT548

KADI	OneCAS
:16R: GENL :20C: :SEME//C0A60918316ECA4I :23G: INST :98C: :PREP//20201006091831 :16R: LINK :20C: :RELA//NONREF :16S: LINK :16R: LINK :20C: :COMM//600 :16S: LINK :16R: LINK :20C: :CORP//1402020100268200 :16S: LINK :16R: LINK :20C: :TRRF//KP12340163802310 :16S: LINK :16R: LINK :13B: :LINK/DAKV/DAKVDEFFXXX :20C: :POOL//C0A6091611DEC1FP :16S: LINK :16R: LINK :13B: :LINK/DAKV/DAKVDEFFXXX :20C: :PCTI//C0A6091611E911B :16S: LINK :16R: LINK :20C: :MITI//2010064969363718 :16S: LINK :16R: STAT :25D: :SETT//PEND :16R: REAS :24B: :PEND//FUTU	:16R: GENL :20C: :SEME//C16U182510CD3D4T :23G: INST :98C: :PREP//20210630182510 :16R: LINK :13B: :LINK/DAKV/DAKVDEFFXXX :20C: :RELA//CSTDY00033085383 :16S: LINK :16R: LINK :20C: :COMM//69B9C23C3FBA06A3 :16S: LINK :16R: LINK :20C: :CORP//0000000433475948 :16S: LINK :16R: LINK :20C: :TRRF//KT12340281053440 :16S: LINK :16R: LINK :13B: :LINK/DAKV/DAKVDEFFXXX :20C: :PCTI//CSTDY00033085383 :16S: LINK :16R: LINK :20C: :MITI//2106301998423269 :16S: LINK :16R: STAT :25D: :MTCH//NMAT :16R: REAS :24B: :NMAT//CMIS :70D: :REAS///SETS 000/MATS 001/PROS 413/PRIR 1/PRQT 0, :16S: REAS :16S: STAT

KADI	OneCAS
:70D: :REAS///SETS 000/MATS 002/PROS 100/PRIR 3 /PEND FUTU/PRQT 0, :16S: REAS :16S: STAT :16S: GENL :16R: SETTRAN :35B: ISIN DE000A1Z3JM4 ALPHA EUR.COMP.1 16/26FLR 30J31D 19,013,432 :36B: :SETT//FAMT/0, :19A: :SETT//EUR267000, :97A: :SAFE//xxxxxxxx :22F: :SETR/COEX/CORP :22H: :REDE//DELI :22H: :PAYM//APMT :22F: :STCO//NPAR :98A: :SETT//20201006 :98A: :TRAD//20201006 :98C: :ASTS//20201006093419 :98C: :MTCH//20201006093419  :70E: :SPRO///CASH CDEEURTESTDEFFXXXDCA1/ISTR CO RP/FREE 140 2020100268200 83994 :16R: SETPRTY :95P: :DEAG//TESTDEFFXXX :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//DAKVDEFFT19 :97A: :SAFE//xxxxxxxx :20C: :PROC//KP79070285904330 :16S: SETPRTY :16S: SETTRAN	:16R: STAT :25D: :SETT//PEND :16R: REAS :24B: :PEND//FUTU :16S: REAS :16S: STAT :16S: GENL :16R: SETTRAN :35B: ISIN FR0000127771 VIVENDI S.A. INH. EO 5,5 :36B: :SETT//UNIT/0, :19A: :SETT//EUR750, :97A: :SAFE//xxxxxxxx :22F: :SETR//CLAI :22H: :REDE//RECE :22H: :PAYM//APMT :22F: :STCO//NPAR :98A: :SETT//20210701 :98A: :TRAD//20210630 :98C: :ASTS//20210630182235 :70E: :SPRO///CASH CDEEURDAKVDEFFXXX014/ISTR CLAI/ACTM 20210630182235/FREE DVCACOMP FR0000127771 01JUL21 PID QTY 50 TR C16U1 20035DF57B CP 1234000 :16R: SETPRTY :95P: :DEAG//XXXXXXXXXXXX :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//DAKVDEFFT80 :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16S: SETTRAN



**MT544-7**

KADI	OneCAS
:16R: GENL	:16R: GENL
:20C: :SEME//TESTMESSAGE1	:20C: :SEME//C16U1825118701ET
:23G: NEWM	:23G: NEWM
:98C: :PREP//20201006091858	:98C: :PREP//20210630182511
:16R: LINK	:16R: LINK
:13B: :LINK/DAKV/DAKVDEFFXXX	:13B: :LINK/DAKV/DAKVDEFFXXX
:20C: :POOL// T2S Pool Reference	:20C: :RELA//CSTDY00033085383
:16S: LINK	:16S: LINK
:16R: LINK	:16R: LINK
:20C: :RELA//NONREF	:20C: :TRRF//KT12340281053440
:16S: LINK	:16S: LINK
:16R: LINK	:16R: LINK
:20C: :TRRF//KP123402765432	:20C: :COMM//69B9C23C3FBA06A3
:16S: LINK	:16S: LINK
:16R: LINK	:16R: LINK
:20C: :COMM//501	:20C: :CORP//0000000433475948
:16S: LINK	:16S: LINK
:16R: LINK	:16R: LINK
:20C: :CORP//1302012340353600	:20C: :MITI//2106301998423269
:16S: LINK	:16S: LINK
:16R: LINK	:16R: LINK
:20C: :MITI//2010034964561706	:13B: :LINK/DAKV/DAKVDEFFXXX
:16S: LINK	:20C: :PCTI//CSTDY00033085383
:16R: LINK	:16S: LINK
:13B: :LINK/DAKV/DAKVDEFFXXX	:16S: GENL
:20C: :PCTI// T2S Reference	:16R: TRADDET
:16S: LINK	:98C: :ESET//20210701182236
:16S: GENL	:98A: :TRAD//20210630
:16R: TRADDET	:35B: ISIN FR0000127771
:98C: :ESET//20201003091735	VIVENDI S.A. INH. EO 5,5
:98A: :TRAD//20201003	:22F: :PRIR//0001
:35B: ISIN DE000A3GE8L0	:70E: :SPRO//DVCACOMP FR0000127771 01JUL21
FRESEN.FIN.IRE. TR.358	PID QTY 50 TR C16U120035DF57B CP 4323000
:22F: :PRIR//0003	:16S: TRADDET
:70E: :SPRO//130 2020070353600 83994	:16R: FIAC
:16S: TRADDET	:36B: :ESTT//UNIT/0,
:16R: FIAC	:36B: :PSTT//UNIT/0,

KADI	OneCAS
:36B: :ESTT//FAMT/0, :36B: :PSTT//FAMT/0, :36B: :RSTT//FAMT/0, :19A: :PSTT//EUR0, :19A: :RSTT//EUR0, :97A: :SAFE//xxxxxxx :97A: :CASH// DCA Receiver :16S: FIAC :16R: SETDET :22F: :STCO//NPAR :22F: :SETR//COEX/CORP :16R: SETPRTY :95P: :DEAG//DAKVDEFFT19 :97A: :SAFE//xxxxxxx :20C: :PROC//KP123401123456 :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//TESTBANKXXX :97A: :SAFE//xxxxxxx :70E: :DECL///ISST N/ISTR CORP :16S: SETPRTY :16R: AMT :19A: :ESTT//EUR57500000, :16S: AMT :16S: SETDET	:36B: :RSTT//UNIT/0, :19A: :PSTT//EUR0, :19A: :RSTT//EUR0, :97A: :SAFE//xxxxxxx :97A: :CASH//XXXXXXXXXXXXXXXXXXXXX :16S: FIAC :16R: SETDET :22F: :STCO//NPAR :22F: :SETR//CLAI :16R: SETPRTY :95P: :DEAG//XXXXXXXXXXXXX :97A: :SAFE//xxxxxxx :20C: :PROC//KT12340180088080 :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//DAKVDEFFT80 :97A: :SAFE//xxxxxxx :70E: :DECL///ISST N/ISTR CLAI :16S: SETPRTY :16R: AMT :19A: :ESTT//EUR750, :16S: AMT :16S: SETDET

#### MT566

KADI	OneCAS
:16R: GENL :20C: :CORP//1202015100500000 :20C: :SEME//KAD3114936068574 :20C: :COAF//DE0123456789E002 :23G: NEWM :22F: :CAEV//DVCA :98C: :PREP//20151103114936	:16R: GENL :20C: :CORP//0000000918488935 :20C: :SEME//000000222969909S :20C: :COAF//ATDVCA00071611 :23G: NEWM :22F: :CAEV//DVCA :98C: :PREP//20220315120333

KADI	OneCAS
:16R: LINK	:16R: LINK
:20C: :RELA//0002000025	:13A: :LINK//541
:16S: LINK	:20C: :RELA//S23A22512092735
:16S: GENL	:16S: LINK
:16R: USECU	:16R: LINK
:97A: :SAFE//xxxxxxxx	:13A: :LINK//564
:35B: ISIN DE0008007246	:20C: :PREV//000000222969461S
TELESENS NA O.N. N.NOT.	:16S: LINK
:16R: FIA	:16R: LINK
:11A: :DENO//EUR	:20C: :MITI//2203151459612848
:16S: FIA	:16S: LINK
:93B: :CONB//UNIT/N210,	:16S: GENL
:16S: USECU	:16R: USECU
:16R: CADETL	:97A: :SAFE//xxxxxxxx
:98A: :XDTE//20151007	:94F: :SAFE//NCSD/OCSDATWWXXX
:98A: :RDTE//20151009	:35B: ISIN AT0000641352
:22F: :ADDB//CLAI	/XS/003772624
:16S: CADETL	SHS CA IMMOBILIEN ANLAGEN (1000 ATS)
:16R: CACONF	:16R: FIA
:13A: :CAON//001	:11A: :DENO//EUR
:22H: :CAOP//CASH	:36B: :MINO//UNIT/1,
:16R: CASHMOVE	:16S: FIA
:22H: :CRDB//DEBT	:93B: :CONB//UNIT/100,
:97A: :CASH//CUSTOMER DCA	:16S: USECU
:19B: :PSTA//EUR420,	:16R: CADETL
:19B: :MKTC//EUR420,	:98A: :ANOU//20220121
:19B: :GRSS//EUR420,	:98A: :RDTE//20220314
:98A: :POST//20151103	:98A: :XDTE//20220311
:98A: :VALU//20151103	:22F: :ADDB//CLAI
:98A: :PAYD//20151012	:16S: CADETL
:92F: :GRSS//EUR2,	:16R: CACONF
:92J: :GRSS//TXBL/EUR1,000000000/ACTU	:13A: :CAON//001
:92J: :GRSS//TXFR/EUR1,000000000/ACTU	:22F: :CAOP//CASH
:16S: CASHMOVE	:98A: :TRAD//20220309
:16S: CACONF	:16R: CASHMOVE
:16R: ADDINFO	:22H: :CRDB//CRED
:70E: :ADTX//MARKET CLAIM OF CCP GROSS TRADE	:97A: :CASH//XXXXXXXXXXXXXXXXXXXXX
	:19B: :PSTA//EUR181,25

KADI	OneCAS
TR RELA0002000025	:19B: :GRSS//EUR250,
TRADE DAY20151006	:19B: :NETT//EUR181,25
COUNTERPARTxxxxxxx	:19B: :TAXR//EUR68,75
TRADING LOCATION130	:19B: :MKTC//EUR181,25
ORDER NO.1021510082000025	:19B: :TXFR//EUR0,
KADI-LFNR 00309	:98A: :POST//20220315
T2S-ACTOR-REFE12345678901234	:98A: :VALU//20220315
REF-OWNER BICDAKVDEFFXX	:98A: :PAYD//20220315
:95Q: :PAYA//	:98A: :EARL//20220315
INTERNATIONAL TESTBANK	:92J: :GRSS//TXBL/EUR2,5
NEW TOWN GATE	:92J: :GRSS//TXFR/EUR0,
GB-LONDON EC2M XY1Z	:92F: :GRSS//EUR2,5
:16S: ADDINFO	:92F: :NETT//EUR1,8125
	:92A: :TAXR//27,5
	:16S: CASHMOVE
	:16S: CACONF
	:16R: ADDINFO
	:70E: :TXNR//DVCACOMP AT0000641352 15MAR22
	PID QTY 100 TR S23A22512092735 CP xxxxxxxx
	CASH CRED
	T2S-ACTOR-REF CSTDY00075379201
	:70E: :TXNR//MARKET CLAIM OF SE TRADE
	TR RELA NONREF
	TR RELA T2S S23A22512092735
	REF-OWNER-BIC DAKVDEFFLIO
	TRADE DAY 20220309
	COUNTERPART xxxxxxx
	ACTUAL SETTLEMENT DATE 20220315
	:16S: ADDINFO

## Transformation Event

### MT564

KADI	OneCAS
:16R: GENL :20C: :CORP//2322021071900000 :20C: :SEME//K17L1709200A8EEE :20C: :COAF//DE0123456789K002 :23G: REPE :22F: :CAEV//MRGR :22F: :CAMV//MAND :98C: :PREP//20210721170920 :25D: :PROC//COMP :16R: LINK :20C: :CORP//2322021071900000 :16S: LINK :16R: LINK :20C: :PREV//NONREF :16S: LINK :16R: LINK :20C: :RELA//2107192014548514 :16S: LINK :16S: GENL :16R: USECU :35B: ISIN DE0005772206 FIELMANN AG O.N. :16R: ACCTINFO :97A: :SAFE//xxxxxxxx :93B: :PENR//UNIT/300, :16S: ACCTINFO :16S: USECU :16R: CADETL :98A: :RDTE//20210721 :17B: :SRDC//Y :22F: :ADDB//ATXF :16S: CADETL :16R: CAOPTN :13A: :CAON//001 :22F: :CAOP//SECU :17B: :DFLT//Y	n/a

KADI	OneCAS
:16R: SECMOVE :22H: :CRDB//CRED :35B: ISIN DE0005545503 DRILLISCH AG O.N. :36B: :ENTL//UNIT/75, :92D: :NEWO//1,/4, :98A: :PAYD//20210722 :16S: SECMOVE :16S: CAOPTN :16R: ADDINFO :70E: :ADTX//TRANSFORMATION OF C7 SCS TRADE TRADE REF0000008816 TRADE-REF T2SC17L170747 7528 REF-OWNER-BICDAKVDEFFXXX TR RELA0000008816 TR RELA T2SSCS1907R00016421 REF-OWNER-BICEUXCDEFFCCP OWN REF1907X00016421 TRADE DAY20210719 COUNTERPARTxxxxxxx :70E: :ADTX//KADI-LFNR 01264 :16S: ADDINFO	

#### MT548 CANC

KADI	OneCAS
:16R: GENL :20C: :SEME//C241192705DC1CFI :23G: INST :98C: :PREP//20220401192705 :16R: LINK :13B: :LINK/DAKV/XXXXXXXXXXXX :20C: :RELA//1234SEK013071249 :16S: LINK :16R: LINK :20C: :COMM//8349922800 :16S: LINK :16R: LINK :20C: :CORP//2322022020341300	:16R: GENL :20C: :SEME//C2331002450DD5AJ :23G: INST :98C: :PREP//20220303100245 :16R: LINK :13B: :LINK/DAKV/XXXXXXXXXXXX :20C: :RELA//KP1234013815252C :16S: LINK :16R: LINK :20C: :TRRF//KP12340138152520 :16S: LINK :16R: LINK :13B: :LINK/DAKV/XXXXXXXXXXXX

KADI	OneCAS
:16S: LINK	:20C: :PCTI//KP1234013815252C
:16R: LINK	:16S: LINK
:20C: :TRRF//KP12340130712490	:16R: LINK
:16S: LINK	:20C: :MITI//2203020938447503
:16R: LINK	:16S: LINK
:13B: :LINK/DAKV/XXXXXXXXXXXX	:16R: STAT
:20C: :PCTI//1234SEK013071249	:25D: :IPRC//CAND
:16S: LINK	:16R: REAS
:16R: LINK	:24B: :CAND//CANT
:20C: :MITI//2204012072765296	:70D: :REAS///SETS 001/MATS 007/PROS 410/PRIR 4
:16S: LINK	/PEND CANT/PRQT 0,
:16R: STAT	:16S: REAS
:25D: :IPRC//CAND	:16S: STAT
:16R: REAS	:16S: GENL
:24B: :CAND//CANT	:16R: SETTRAN
:70D: :REAS///SETS 000/MATS 002/PROS 411	:35B: ISIN AT0000A2UUM7
/PEND CANT/PRQT 0,	IMMOFINANZ AG INH.(A.STK)
:16S: REAS	:36B: :SETT//UNIT/36,
:16S: STAT	:97A: :SAFE//xxxxxxxx
:16S: GENL	:22F: :SETR//PREA
:16R: SETTRAN	:22H: :REDE//DELI
:35B: ISIN LU0133666163	:22H: :PAYM//FREE
DEKA-CONVERG.RENTEN CF	:22F: :STCO//NPAR
:36B: :SETT//UNIT/180,	:98A: :SETT//20220304
:97A: :SAFE//xxxxxxxx	:98A: :TRAD//20220302
:22F: :SETR//TRAD	:98C: :ASTS//20220302110603
:22H: :REDE//DELI	:70E: :SPRO///ISTR TRAD/FREE 00008
:22H: :PAYM//FREE	:16R: SETPRTY
:22F: :STCO//NPAR	:95Q: :SELL//XXXXXXX XXXXXXXXXX
:22F: :BENE//NBEN	:16S: SETPRTY
:98A: :SETT//20220404	:16R: SETPRTY
:98A: :TRAD//20220331	:95Q: :DECU//UNKNOWN
:98C: :ASTS//20220401070714	:97A: :SAFE//xxxxxxxxxxxx
:98C: :MTCH//20220401070719	:16S: SETPRTY
:70E: :SPRO///ISTR TRAD	:16R: SETPRTY
:16R: SETPRTY	:95Q: :DEI1//UNKNOWN
:95Q: :SELL//XXXXXXX XXXXXXXX	:97A: :SAFE//BLZ-xxxxxxxx
:16S: SETPRTY	

KADI	OneCAS
:16R: SETPRTY	:16S: SETPRTY
:95Q: :DECU//UNKNOWN	:16R: SETPRTY
:97A: :SAFE//xxxxxx	:95P: :DEAG//XXXXXXXXXXXXX
:16S: SETPRTY	:97A: :SAFE//xxxxxxxx
:16R: SETPRTY	:16S: SETPRTY
:95Q: :DEI1//XXXXXXXXXXXXX	:16R: SETPRTY
:16S: SETPRTY	:95P: :PSET//DAKVDEFFXXX
:16R: SETPRTY	:16S: SETPRTY
:95P: :DEAG//XXXXXXXXXXXXX	:16R: SETPRTY
:97A: :SAFE//xxxxxxxx	:95P: :REAG//XXXXXXXXXXXXX
:16S: SETPRTY	:97A: :SAFE//xxxxxxxx
:16R: SETPRTY	:16S: SETPRTY
:95P: :PSET//DAKVDEFFXXX	:16R: SETPRTY
:16S: SETPRTY	:95Q: :REI1//UNKNOWN
:16R: SETPRTY	:97A: :SAFE//BLZ-xxxxxxx
:95P: :REAG//XXXXXXXXXXXXX	:16S: SETPRTY
:97A: :SAFE//xxxxxxxx	:16R: SETPRTY
:20C: :PROC//KP12340245289300	:95Q: :RECU//UNKNOWN
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :REI1//UNKNOWN	
:97A: :SAFE//BLZ-xxxxxx	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :RECU//UNKNOWN	
:97A: :SAFE//xxxxxxx	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :BUYR//XXXXXXXXXX XXXXXX	
:16S: SETPRTY	
:16S: SETTRAN	



**MT548**

KADI	OneCAS
:16R: GENL	:16R: GENL
:20C: :SEME//C0A60918316ECA4I	:20C: :SEME//C233071103C029EJ
:23G: INST	:23G: INST
:98C: :PREP//20201006091831	:98C: :PREP//20220303071103
:16R: LINK	:16R: LINK
:20C: :RELA//NONREF	:13B: :LINK/DAKV/XXXXXXXXXXXX
:16S: LINK	:20C: :RELA//KP1234013815252C
:16R: LINK	:16S: LINK
:20C: :COMM//600	:16R: LINK
:16S: LINK	:20C: :TRRF//KP12340138152520
:16R: LINK	:16S: LINK
:20C: :CORP//1402020100268200	:16R: LINK
:16S: LINK	:13B: :LINK/DAKV/XXXXXXXXXXXX
:16R: LINK	:20C: :PCTI//KP1234013815252C
:20C: :TRRF//KP12340163802310	:16S: LINK
:16S: LINK	:16R: LINK
:16R: LINK	:20C: :MITI//2203030986577305
:13B: :LINK/DAKV/DAKVDEFFXXX	:16S: LINK
:20C: :POOL//C0A6091611DEC1FP	:16R: STAT
:16S: LINK	:25D: :MTCH//MACH
:16R: LINK	:16S: STAT
:13B: :LINK/DAKV/DAKVDEFFXXX	:16R: STAT
:20C: :PCTI//C0A6091611E911B	:25D: :SETT//PEND
:16S: LINK	:16R: REAS
:16R: LINK	:24B: :PEND//PREA
:20C: :MITI//2010064969363718	:70D: :REAS///SETS 001/MATS 002/PROS 100
:16S: LINK	/PRQT 0,
:16R: STAT	:16S: REAS
:25D: :SETT//PEND	:16S: STAT
:16R: REAS	:16S: GENL
:24B: :PEND//FUTU	:16R: SETTRAN
:70D: :REAS///SETS 000/MATS 002/PROS 100/PRIR	:35B: ISIN AT0000A2UUM7
3/PEND FUTU/PRQT 0,	IMMOFINANZ AG INH.(A.STK)
:16S: REAS	:36B: :SETT//UNIT/36,
:16S: STAT	:97A: :SAFE//xxxxxxxx
:16S: GENL	:22F: :SETR//PREA
:16R: SETTRAN	:22H: :REDE//DELI

KADI	OneCAS
:35B: ISIN DE000A1Z3JM4 ALPHA EUR.COMP.1 16/26FLR 30J31D 19,013,432 :36B: :SETT//FAMT/0, :19A: :SETT//EUR267000, :97A: :SAFE//xxxxxxxx :22F: :SETR/COEX/CORP :22H: :REDE//DELI :22H: :PAYM//APMT :22F: :STCO//NPAR :98A: :SETT//20201006 :98A: :TRAD//20201006 :98C: :ASTS//20201006093419 :98C: :MTCH//20201006093419 :70E: :SPRO///CASH CDEEURTESTDEFFXXDCA1/ISTR CO RP/FREE 140 2020100268200 83994 :16R: SETPRTY :95P: :DEAG//TESTDEFFXXX :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//DAKVDEFFT19 :97A: :SAFE//xxxxxxxx :20C: :PROC//KP79070285904330 :16S: SETPRTY :16S: SETTRAN	:22H: :PAYM//FREE :22F: :STCO//NPAR :98A: :SETT//20220304 :98A: :TRAD//20220302 :98C: :MTCH//20220303070728 :70E: :SPRO///ISTR TRAD :16R: SETPRTY :95P: :DEAG//XXXXXXXXXXXX :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95P: :PSET//DAKVDEFFXXX :16S: SETPRTY :16R: SETPRTY :95P: :REAG//XXXXXXXXXXXX :97A: :SAFE//xxxxxxxx :20C: :PROC//KP40030229204520 :16S: SETPRTY :16R: SETPRTY :95Q: :REI1//UNKNOWN :97A: :SAFE//BLZ-xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95Q: :RECU//UNKNOWN :97A: :SAFE//xxxxxxxx :16S: SETPRTY :16R: SETPRTY :95Q: :BUYR//XXXXXX XXXXXXXX :16S: SETPRTY :16S: SETTRAN

**MT544-7**

KADI	OneCAS
:16R: GENL :20C: :SEME//C241214602E9CE0J :23G: NEWM :98C: :PREP//20220401214602 :16R: LINK :13B: :LINK/DAKV/XXXXXXXXXXXX :20C: :RELA//1234SEK013071249 :16S: LINK :16R: LINK :20C: :TRRF//KP12340130712490 :16S: LINK :16R: LINK :20C: :COMM//8349922800 :16S: LINK :16R: LINK :20C: :CORP//2322022020341300 :16S: LINK :16R: LINK :20C: :MITI//2204012094440990 :16S: LINK :16R: LINK :13B: :LINK/DAKV/DAKVDEFFXXX :20C: :PCTI//C241191138 7B30 :16S: LINK :16S: GENL :16R: TRADDET :98C: :ESET//20220404204618 :98A: :TRAD//20220331 :35B: ISIN LU0347181306 DEKA-EM RENT.LOKALWHRG CF :16S: TRADDET :16R: FIAC :36B: :ESTT//UNIT/45,325 :36B: :PSTT//UNIT/0, :36B: :RSTT//UNIT/0, :97A: :SAFE//xxxxxxxxxx :16S: FIAC	

KADI	OneCAS
:16R: SETDET	
:22F: :STCO//NPAR	
:22F: :STCO//TRAN	
:22F: :SETR//TRAD	
:22F: :BENE//NBEN	
:16R: SETPRTY	
:95Q: :SELL//XXXXXXXX XXXXXX	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :DECU//UNKNOWN	
:97A: :SAFE//xxxxxx	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :DEI1//XXXXXXXXXXXXXXXX	
:16S: SETPRTY	
:16R: SETPRTY	
:95P: :DEAG//XXXXXXXXXXXX	
:97A: :SAFE//xxxxxxxx	
:16S: SETPRTY	
:16R: SETPRTY	
:95P: :PSET//DAKVDEFFXXX	
:16S: SETPRTY	
:16R: SETPRTY	
:95P: :REAG//XXXXXXXXXXXX	
:97A: :SAFE//xxxxxxxx	
:20C: :PROC//KP12340245289300	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :REI1//UNKNOWN	
:97A: :SAFE//BLZ-xxxxxxxx	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :RECU//UNKNOWN	
:97A: :SAFE//xxxxxxxxxxxx	
:16S: SETPRTY	
:16R: SETPRTY	
:95Q: :BUYR//XXXXXXXXXXXXXXXX XXXXXX	
:70E: :DECL///ISST N/SETR 601/STBL N/ISTR TRAD	

KADI	OneCAS
:16S: SETPRTY	
:16S: SETDET	

#### MT566

KADI	OneCAS
:16R: GENL :20C: :CORP//2322021052800000 :20C: :SEME//KADR102015047924 :20C: :COAF//DE0123456789K001 :23G: NEWM :22F: :CAEV//MRGR :98C: :PREP//20210827102015 :16R: LINK :20C: :MITI//2106071973420669 :16S: LINK :16S: GENL :16R: USECU :97A: :SAFE//xxxxxxxx :35B: ISIN DE0005772206 FIELMANN AG O.N. :93B: :CONB//UNIT/25, :16S: USECU :16R: CADETL :98A: :RDTE//20210608 :22F: :ADDB//ATXF :16S: CADETL :16R: CACONF :13A: :CAON//001 :22H: :CAOP//SECU :16R: SECMOVE :22H: :CRDB//CRED :35B: ISIN DE0005545503 DRILLISCH AG O.N. :36B: :PSTA//UNIT/25, :92D: :NEWO//2,/1, :98A: :POST//20210827 :98A: :PAYD//20210609 :16S: SECMOVE	n/a

KADI	OneCAS
:16S: CACONF :16R: ADDINFO :70E: :ADTX//TRANSFORMATION OF C7 SCS TRADE TRADE-REF T2SC1681843363C3C9 REF-OWNER-BICDAKVDEFFXXX TR RELA0008533386 TR RELA T2SSAM0706M00007646 REF-OWNER-BICEUXCDEFFCCP OWN REF0706X00007646 TRADE DAY20210607 COUNTERPARTxxxxxxx KADI-LFNR 01208 :16S: ADDINFO	

## EXWA Event with debit of worthless shares

KADI	OneCAS
<b>Swift 1:</b> :16R:GENL :20C::CORP//1222020012980600 :20C::SEME//KAD9092159000224 :23G:NEWM :22F::CAEV//EXWA :98C::PREP//20211209092159 :16S:GENL :16R:USECU :97A::SAFE//xxxxxxxxxx :35B:ISIN DE000MC6BXU6 MS CO.I. CALL21 FP3 :16R:FIA :11A::DENO//EUR :16S:FIA :93B::ELIG//UNIT/42000, :93B::SETT//UNIT/42000, :93B::CONB//UNIT/42000, :16S:USECU :16R:CADETL :98A::RDTE//20211208 :16S:CADETL :16R:CACONF :13A::CAON//001 :22H::CAOP//CASH :16R:CASHMOVE :22H::CRDB//CRED :97A::CASH//XXXXXXXXXXXX :19B::PSTA//EUR220920, :19B::GRSS//EUR220920, :98A::POST//20211209 :98A::VALU//20211209 :98A::PAYD//20211209 :92F::GRSS//EUR5,26 :16S:CASHMOVE :16S:CACONF	<b>Initial MT564 (both options as Default = N):</b> :16R:GENL :20C::CORP//0000000434126458 :20C::SEME//000000245284331S :23G:NEWM :22F::CAEV//EXWA :22F::CAMV//CHOS :98C::PREP//20230123203946 :25D::PROC//COMP :16S:GENL :16R:USECU :35B:ISIN DE000GX1MC13 /XS/151680593 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :16R:FIA :12B::OPST//EURO :11A::DENO//EUR :98A::MATU//20230510 :36B::MINO//UNIT/1, :16S:FIA :16R:ACCTINFO :97A::SAFE//xxx0000 :94F::SAFE//NCSD/XXXXXXXXXXXX :93B::ELIG//UNIT/1000, :93B::SETT//UNIT/1000, :16S:ACCTINFO :16S:USECU :16R:CADETL :98A::ANOU//20230124 :98A::TSDT//20230123 :22F::ADDB//CNTR :16S:CADETL :16R:CAOPTN :13A::CAON//001 :22F::CAOP//EXER

KADI	OneCAS
:16R:ADDINFO :70E::ADTX//KADI-LFNR 86948 T2S-ACTOR-REF xxxxxxxxxxxxxx REF-OWNER-BICDAKVDEFFXXX :95Q::PAYA//TESTBANK :16S:ADDINFO  <b>Swift 2:</b> :16R:GENL :20C::CORP//2222020012980600 :20C::SEME//KAD9101315076680 :23G:NEWM :22F::CAEV//EXWA :98C::PREP//20211209101315 :16S:GENL :16R:USECU :97A::SAFE//xxxxxxxxxx :35B:ISIN DE000MC6BXU6 MS CO.I. CALL21 FP3 :93B::ELIG//UNIT/42000, :93B::SETT//UNIT/42000, :93B::CONB//UNIT/42000, :16S:USECU :16R:CADETL :98A::RDTE//20211208 :16S:CADETL :16R:CACONF :13A::CAON//001 :22H::CAOP//SECU :16R:SECMOVE :22H::CRDB//DEBT :35B:ISIN DE000MC6BXU6 MS CO.I. CALL21 FP3 :36B::PSTA//UNIT/42000, :92A::RATE//100, :98A::POST//20211209 :98A::PAYD//20211209 :16S:SECMOVE	:22F::OPTF//CAOS :17B::DFLT//N :98C::RDDT//20230120080000 :69A::PWAL//20230109/20230124 :16R:SECMOVE :22H::CRDB//DEBT :35B:ISIN DE000GX1MC13 /XS/151680593 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :94F::SAFE//NCSD/XXXXXXXXXXXX :98B::PAYD//UKWN :16S:SECMOVE :16S:CAOPTN :16R:CAOPTN :13A::CAON//002 :22F::CAOP//LAPS :22F::OPTF//CAOS :17B::DFLT//N :16R:SECMOVE :22H::CRDB//DEBT :35B:ISIN DE000GX1MC13 /XS/151680593 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :94F::SAFE//NCSD/DAKVDEFFXXX :98B::PAYD//UKWN :16S:SECMOVE :16S:CAOPTN :16R:ADDINFO :70E::ADTX//AUTOMATIC EXERCISE OF THE WARRANTS AT MATURITY, IF IN THE MONEY :70E::ADTX//++ EVENT DETAILS ++ :70E::ADTX//FREE FORMAT MESSAGES,UNSOLICITED INSTRUCTION and INCORRECTLY FORMATTED MT565 DEADLINE IS 4 BUSINESS HOURS PRIOR TO DEADLINE



KADI	OneCAS
:16S:CACONF :16R:ADDINFO :70E::ADTX//KADI-LFNR 86948 T2S-ACTOR-REF XXXXXXXXXXXX REF-OWNER-BICDAKVDEFFXXX :70E::TXNR//WITHDRAWAL OF EXERCISED SECURITIES :16S:ADDINFO	STATED IN DEDICATED FORMATTED FIELD .:98C::EARD// AND/OR :98C::RDDT//. :70E::ADTX//++ ADDITIONAL INFORMATION ++SECURITY FOR CALCULATION: XC0009653103 :70E::PACO//ATTENTION: SECURITIES ADM/CORPORATE ACTIONS/REORG :70E::PACO//CUSTOMER SERVICES DOMESTIC CORP ACT FRANKFURT :70E::DISC//PLEASE FIND FURTHER INFORMATION ABOUT DATA PROTECTION ON OUR WEBSITE: <a href="https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection">https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection</a> :16S:ADDINFO  <b>MT564 when option (=worthless removal) is known.</b>  <b>Deactivated option (here: EXER) gets qualifier :22F::OSTA//INTV (option status: Inactive)</b>  <b>Active option (here: LAPS) gets qualifier :17B::DFLT//Y (Default Option: Yes)</b>  :16R:GENL :20C::CORP//0000000434126458 :20C::SEME//000000245573011S :23G:REPE :22F::CAEV//EXWA :22F::CAMV//CHOS :22F::CAEP//REOR :98C::PREP//20230207182258 :25D::PROC//PREU :16R:LINK :13A::LINK//564 :20C::PREV//000000245541265S :16S:LINK

KADI	OneCAS
	:16S:GENL :16R:USECU :35B:ISIN DE000GX1MC13 /XS/151680593 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :16R:FIA :12B::OPST//EURO :11A::DENO//EUR :98A::MATU//20230510 :36B::MINO//UNIT/1, :16S:FIA :16R:ACCTINFO :97A::SAFE//xxx0000 :94F::SAFE//NCSD/XXXXXXXXXX :93B::ELIG//UNIT/2000, :93B::SETT//UNIT/2000, :93B::UNBA//UNIT/2000, :93B::INBA//UNIT/0, :16S:ACCTINFO :16S:USECU :16R:CADETL :98A::ANOU//20230124 :98A::RDTE//20230209 :98A::TSDT//20230123 :22F::ADDB//CAPA :22F::ADDB//CNTR :16S:CADETL :16R:CAOPTN :13A::CAON//001 :22F::CAOP//EXER :22F::OPTF//CAOS :22F::OSTA//INTV :11A::OPTN//EUR :17B::DFLT//N :98C::RDDT//20230120080000 :69A::PWAL//20230109/20230124 :16R:SECMOVE

KADI	OneCAS
	:22H::CRDB//DEBT :35B::ISIN DE000GX1MC13 /XS/151680593 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :94F::SAFE//NCSD/DAKVDEFFXXX :98A::PAYD//20230210 :16S::SECMOVE :16R::CASHMOVE :22H::CRDB//CRED :97A::CASH//xxxx0000 :98A::PAYD//20230210 :98A::VALU//20230210 :90E::OFFR//UKWN :16S::CASHMOVE :16S::CAOPTN :16R::CAOPTN :13A::CAON//002 :22F::CAOP//LAPS :22F::OPTF//CAOS :17B::DFLT/Y :16R::SECMOVE :22H::CRDB//DEBT :35B::ISIN DE000GX1MC13 /XS/151680593 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :36B::ENTL//UNIT/2000, :94F::SAFE//NCSD/XXXXXXXXXXXX :98A::PAYD//20230210 :16S::SECMOVE :16S::CAOPTN :16R::ADDINFO :70E::ADTX//AUTOMATIC EXERCISE OF THE WARRANTS AT MATURITY, IF IN THE MONEY :70E::TXNR//PAYMENT DATE ADJUSTED BEYOND CURRENT REPORTING DATE

KADI	OneCAS
	:70E::ADTX//FREE FORMAT MESSAGES,UNSOLICITED  INSTRUCTION and INCORRECTLY FORMATTED MT565 DEADLINE IS 4 BUSINESS HOURS PRIOR TO DEADLINE STATED IN DEDICATED FORMATTED FIELD .:98C::EARD// AND/OR :98C::RDDT//. :16S:ADDINFO  <b>MT566 (only containing the active option):</b>  :16R:GENL :20C::CORP//0000000434126458 :20C::SEME//000000141512945Z :23G:NEWM :22F::CAEV//EXWA :98C::PREP//20230209173301 :16R:LINK :13A::LINK//564 :20C::PREV//000000245573011S :16S:LINK :16R:LINK :20C::MITI//2302092506342421 :16S:LINK :16S:GENL :16R:USECU :97A::SAFE//xxx0000 :94F::SAFE//NCSD/XXXXXXXXXX :35B:ISIN DE000GX1MC13 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :16R:FIA :11A::DENO//EUR :98A::MATU//20230210 :36B::MINO//UNIT/1, :16S:FIA :93B::CONB//UNIT/2000, :16S:USECU

KADI	OneCAS
	:16R:CADETL :98A::ANOU//20230124 :98A::RDTE//20230209 :16S:CADETL :16R:CACONF :13A::CAON//002 :22F::CAOP//LAPS :16R:SECMOVE :22H::CRDB//DEBT :35B:ISIN DE000GX1MC13 WAR GOLDSAC+CO.WERTPAP ( CALL SP16) 100523 :36B::PSTA//UNIT/2000, :94F::SAFE//NCSD/DAKVDEFFXXX :98A::POST//20230210 :98A::PAYD//20230210 :16S:SECMOVE :16S:CACONF :16R:ADDINFO :70E::TXNR//EXWAUBLK DE000GX1MC13 OCA UNBLOCKING :16S:ADDINFO

### EXWA Event with payment execution

**Initial MT564 (both options as Default = N):**

:16R:GENL  
:20C::CORP//0000000434133361  
:20C::SEME//000000245406463S  
:23G:NEWM  
:22F::CAEV//EXWA  
:22F::CAMV//MAND  
:98C::PREP//20230131082050  
:25D::PROC//COMP  
:16S:GENL  
:16R:USECU

:35B:ISIN DE000PB19BR3  
 WAR BNP PARIBAS XXXXXX  
 :16R:FIA  
 :12B::OPST//AMER  
 :11A::DENO//EUR  
 :36B::MINO//UNIT/1,  
 :16S:FIA  
 :16R:ACCTINFO  
 :97A::SAFE//xxxx0000  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :93B::ELIG//UNIT/16393,  
 :93B::SETT//UNIT/16393,  
 :16S:ACCTINFO  
 :16S:USECU  
 :16R:CADETL  
 :98A::ANOU//20230131  
 :98A::RDTE//20230202  
 :22F::ADDB//CNTR  
 :16S:CADETL  
 :16R:CAOPTN  
 :13A::CAON//001  
 :22F::CAOP//EXER  
 :22F::OPTF//CAOS  
 :11A::OPTN//CHF  
 :17B::DFLT//N  
 :69A::PWAL//20221205/20230302  
 :16R:SECMOVE  
 :22H::CRDB//DEBT  
 :35B:ISIN DE000PB19BR3  
 WAR BNP PARIBAS XXXXXX  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :98A::PAYD//20230203  
 :16S:SECMOVE  
 :16R:CASHMOVE  
 :22H::CRDB//CRED  
 :97A::CASH//xxxxxx  
 :98A::PAYD//20230203  
 :98A::VALU//20230203  
 :98A::EARL//20230203

:90B::OFFR//ACTU/CHF6,12  
 :16S:CASHMOVE  
 :16S:CAOPTN  
 :16R:CAOPTN  
 :13A::CAON//002  
 :22F::CAOP//LAPS  
 :22F::OPTF//CAOS  
 :17B::DFLT//N  
 :16R:SECMOVE  
 :22H::CRDB//DEBT  
 :35B:ISIN DE000PB19BR3  
 WAR BNP PARIBAS XXXXXX  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :98A::PAYD//20230203  
 :16S:SECMOVE  
 :16S:CAOPTN  
 :16R:ADDINFO  
 :70E::ADTX//AUTOMATIC EXERCISE OF THE WARRANTS  
 AT MATURITY, IF IN THE MONEY  
 :70E::ADTX//++ EVENT DETAILS ++  
 :70E::ADTX//FREE FORMAT MESSAGES,UNSOLICITED  
 INSTRUCTION and INCORRECTLY  
 FORMATTED MT565 DEADLINE IS 4  
 BUSINESS HOURS PRIOR TO DEADLINE  
 STATED IN DEDICATED FORMATTED FIELD  
 :98C::EARD// AND/OR :98C::RDDT//.  
 :70E::ADTX//++ ADDITIONAL INFORMATION  
 ++SECURITY FOR CALCULATION:  
 ZZ0000000000  
 :70E::PACO//ATTENTION: SECURITIES ADM/CORPORATE  
 ACTIONS/REORG  
 :70E::PACO//CUSTOMER SERVICES DOMESTIC CORP ACT  
 FRANKFURT  
 :70E::DISC//PLEASE FIND FURTHER INFORMATION  
 ABOUT DATA PROTECTION ON OUR  
 WEBSITE:  
<https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection>

:16S:ADDINFO

**MT564 when option (=exercise) is known.**

**Deactivated option (here: LAPS) gets qualifier :22F::OSTA//INTV (option status: Inactive)**

**Active option (here: EXER) gets qualifier :17B::DFLT//Y (Default Option: Yes)**

:16R:GENL

:20C::CORP//0000000434133361

:20C::SEME//000000245406463S

:23G:NEWM

:22F::CAEV//EXWA

:22F::CAMV//MAND

:98C::PREP//20230131082050

:25D::PROC//COMP

:16S:GENL

:16R:USECU

:35B:ISIN DE000PB19BR3

WAR BNP PARIBAS XXXXXX

:16R:FIA

:12B::OPST//AMER

:11A::DENO//EUR

:36B::MINO//UNIT/1,

:16S:FIA

:16R:ACCTINFO

:97A::SAFE//xxx0000

:94F::SAFE//NCSD/DAKVDEFFXXX

:93B::ELIG//UNIT/16393,

:93B::SETT//UNIT/16393,

:16S:ACCTINFO

:16S:USECU

:16R:CADETL

:98A::ANOU//20230131

:98A::RDTE//20230202

:22F::ADDB//CNTR

:16S:CADETL

:16R:CAOPTN

:13A::CAON//001

:22F::CAOP//EXER

:22F::OPTF//CAOS



:11A::OPTN//CHF  
 :17B::DFLT//Y  
 :69A::PWAL//20221205/20230302  
 :16R:SECMOVE  
 :22H::CRDB//DEBT  
 :35B:ISIN DE000PB19BR3  
 WAR BNP PARIBAS XXXXXX  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :98A::PAYD//20230203  
 :16S:SECMOVE  
 :16R:CASHMOVE  
 :22H::CRDB//CRED  
 :97A::CASH//xxxxx  
 :98A::PAYD//20230203  
 :98A::VALU//20230203  
 :98A::EARL//20230203  
 :90B::OFFR//ACTU/CHF6,12  
 :16S:CASHMOVE  
 :16S:CAOPTN  
 :16R:CAOPTN  
 :13A::CAON//002  
 :22F::CAOP//LAPS  
 :22F::OPTF//CAOS  
 :22F::OSTA//INTV  
 :17B::DFLT//N  
 :16R:SECMOVE  
 :22H::CRDB//DEBT  
 :35B:ISIN DE000PB19BR3  
 WAR BNP PARIBAS XXXXXX  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :98A::PAYD//20230203  
 :16S:SECMOVE  
 :16S:CAOPTN  
 :16R:ADDINFO  
 :70E::ADTX//++ ADDITIONAL INFORMATION ++PAYMENT  
 UPON RECEIPT OF FUNDS  
 :70E::ADTX//PAYING AGENT/7259  
 :70E::ADTX//SECURITY FOR CALCULATION:  
 ZZ0000000000

:70E::PACO//ATTENTION: SECURITIES ADM/CORPORATE  
ACTIONS/REORG  
:70E::PACO//CUSTOMER SERVICES DOMESTIC CORP ACT  
FRANKFURT  
:70E::DISC//PLEASE FIND FURTHER INFORMATION  
ABOUT DATA PROTECTION ON OUR  
WEBSITE:  
<https://www.clearstream.com/clearstream-en/about-clearstream/due-diligence/gdpr/dataprotection>  
:95Q::PAYA//BNP PARIBAS SECURITIES SERVICES EUR  
OPA-ALLEE 12, FRANKFURT AM MAIN, 60  
327, DE  
:16S::ADDINFO

**MT566 (only containing the active option):**

:16R::GENL  
:20C::CORP//0000000434133361  
:20C::SEME//000000141509084Z  
:23G::NEWM  
:22F::CAEV//EXWA  
:98C::PREP//20230203093302  
:16R::LINK  
:13A::LINK//564  
:20C::PREV//000000245406463S  
:16S::LINK  
:16R::LINK  
:20C::MITI//2302022502564323  
:16S::LINK  
:16S::GENL  
:16R::USECU  
:97A::SAFE//xxxx0000  
:94F::SAFE//NCSD/DAKVDEFFXXX  
:35B::ISIN DE000PB19BR3  
WAR BNP PARIBAS 090223  
:16R::FIA  
:11A::DENO//EUR  
:98A::MATU//20230203

:36B::MINO//UNIT/1,  
:16S:FIA  
:93B::CONB//UNIT/16393,  
:16S:USECU  
:16R:CADETL  
:98A::ANOU//20230131  
:98A::RDTE//20230202  
:16S:CADETL  
:16R:CACONF  
:13A::CAON//001  
:22F::CAOP//EXER  
:16R:SECMOVE  
:22H::CRDB//DEBT  
:35B:ISIN DE000PB19BR3  
WAR BNP PARIBAS 090223  
:36B::PSTA//UNIT/16393,  
:94F::SAFE//NCSD/DAKVDEFFXXX  
:98A::POST//20230203  
:98A::PAYD//20230203  
:16S:SECMOVE  
:16R:CASHMOVE  
:22H::CRDB//CRED  
:97A::CASH//xxxxx  
:19B::PSTA//CHF100325,16  
:19B::GRSS//CHF100325,16  
:19B::NETT//CHF100325,16  
:98A::POST//20230208  
:98A::VALU//20230208  
:98A::PAYD//20230203  
:90B::OFFR//ACTU/CHF6,12  
:16S:CASHMOVE  
:16S:CACONF  
:16R:ADDINFO  
:70E::TXNR//EXWACRED DE000PB19BR3 03FEB23 OCA  
CASH PROCEEDS  
:95Q::PAYA//BNP PARIBAS SECURITIES SERVICES  
EUROPA-ALLEE 12, FRANKFURT AM MAIN,  
60327, DE  
:16S:ADDINFO

## DVOP CHOS

DVCA/MAND	16R::GENL 20C::SEME//123456789A 20C::CORP//DVCA123456 23G::NEWM 22F::CAEV//DVCA 22F::CAMV//MAND 25D::PROC//PREC 16S::GENL 16R::USECU 35B:: ISIN DE0005865901 GrenkeLeasing AG 16R::ACCTINFO 97A::SAFE//xxxx 94F::SAFE//SHHE/123456 93B::SETT//50000, 16S::ACCTINFO 16S::USECU 16R::CADETL 98A::XDTE//20091022 98A::RDTE//20080103 22F::DIVI//REGR 22F::ADDB//CAPA 16R::CAOPT 13A::CAON//001 22F::CAOP//CASH 17B::DFLT//Y 16R::CASHMOVE 22H::CRDB//CRED 97A::CASH//xxxx 98A::PAYD//20010907 92A::GRSS//EUR0,3 92A::TAXR//25, 92J:: TAXE//WITL/EUR1, 16S::CASHMOVE 70E::TAXE//specific tax implications 16S::CAOPTN
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RHDI/MAND	16R::GENL 20C::CORP//RHDI123456 20C::SEME//123456789B 23G::NEWM 22F::CAEV//RHDI 22F::CAMV//MAND 25D::PROC//PREC 16S::GENL 16R::USECU 35B::ISIN DE0005865901 GrenkeLeasing AG 16R::ACCTINFO 97A::SAFE//xxxx 93B::SETT//50000, 16S::ACCTINFO 16S::USECU 16R::CADETL 98A::XDTE//20091022 98A::RDTE//20091021 22F::RHDI//DVOP 22F::ADDB//CAPA 16S::CADETL 16R::CAOPTN 13A::CAON//001 22F::CAOP//SECU 22F::DISF//DIST 17B::DFLT//Y 16R::SECMOVE 22H::CRDB//CRED 35B::ISIN DE000A1YDC16 GrenkeLeasing AG cash line rights 92D::ADEX//1,/1, 98A::PAYD//20010907 16S::SECMOVE 16S::CAOPTN
DVOP/CHOS	16R::GENL 20C::SEME//123456789C 20C::CORP//DVOP123456 23G::NEWM

	22F::CAEV//DVOP 22F::CAMV//CHOS 25D::PROC//PREC 16S::GENL 16R::USECU 35B::ISIN DE000A1YDC16 GrenkeLeasing AG cash line rights 16R::ACCTINFO 97A::SAFE//xxxx 93B::ELIG//50000, 93B::INBA//UNIT/50000, 93B::UNBA//UNIT/50000, 16S::ACCTINFO 16S::USECU 16R::CAOPTN 13A::CAON//001 22F::CAOP//SECU 17B::CAOP//SECU 98A::RDDT//20081205120000 69A::PWAL//20010907/20010921 16R::SECMOVE 22H::CRDB//DEBT 35B::ISIN DE000A1YDC16 GrenkeLeasing AG cash line rights 92D::NEWO//1,/1 98A::PAYD//20010907 16S::SECMOVE 16R::SECMOVE 22H::CRDB//CRED 35B::ISIN DE000A1YDC24 GrenkeLeasing AG stock line interim shares 92D::NEWO//1,/1, 98A::PAYD//20010907 16S::SECMOVE 16S::CAOPTN 16R::CAOPTN 13A:: :CAON//002
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	22F::CAOP//CASH 17B::DFLT//Y 98A::RDDT//20081205120000 98A::MKDT//20010921 69A::PWAL//20010907/20010921 16R::SECMOVE 22H::CRDB//DEBT 35B::ISIN DE000A1YDC16 GrenkeLeasing AG cash line rights 98A::PAYD//20130620 16S::SECMOVE 16R::CASHMOVE 22H::CRDB//CRED 97A::CASH//xxxx 98A::PAYD//20130620 92F::GRSS//EUR0,7 16S::CASHMOVE 16S::CAOPTN
EXOF/MAND	16R::GENL 20C::SEME//123456789D 20C::CORP//EXOFSECU123456 23G::NEWM 22F::CAEV//EXOF 22F::CAMV//MAND 25D::PROC//PREC 16S::GENL 16R::USECU 35B::ISIN DE000A1YDC24 GrenkeLeasing AG stock line interim shares 16R::ACCTINFO 97A::SAFE//xxxx 94F::SAFE//SHHE/123456 93B::ELIG//50000, 16S::ACCTINFO 16S::USECU 16R::CADETL 98A::EFFD//20130620

	16S::CADETL 16R::CAOPTN 13A::CAON//001 22F::CAOP//SECU 17B::DFLT//Y 16R::SECMOVE 22H::CRDB//DEBT 35B::ISIN DE000A1YDC24 GrenkeLeasing AG stock line interim shares 92D::NEWO//1,/3, 98A::PAYD//20130620 16S::SECMOVE 16R::SECMOVE 22H::CRDB/CRED 35B::ISIN DE0005865901 GrenkeLeasing AG 92D::NEWO//1,/3, 98A::PAYD//20130620 98A::AVAL//20130621 16S::SECMOVE 16S::CAOPTN
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## MPA

### MT564 MPA:

:16R:GENL  
:20C::CORP//0000000434195724  
:20C::SEME//000000245739653S  
:23G:REPE  
:22F::CAEV//DVCA  
:22F::CAMV//MAND  
:98C::PREP//20230215171209  
:25D::PROC//PREU  
:16R:LINK  
:13A::LINK//564  
:20C::PREV//000000245739622S  
:16S:LINK  
:16S:GENL



:16R:USECU  
 :35B:ISIN DE000A1CRN96  
 /XS/048824153  
 SHS SUEDEDEUTSCHE AKTIENBANK AG ORD  
 BR  
 :16R:FIA  
 :11A::DENO//EUR  
 :36B::MINO//UNIT/1,  
 :16S:FIA  
 :16R:ACCTINFO  
 :97A::SAFE//xxxx0000  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :93B::ELIG//UNIT/N4840055,  
 :93B::SETT//UNIT/N4840055,  
 :16S:ACCTINFO  
 :16S:USECU  
 :16R:CADETL  
 :98A::ANOU//20230215  
 :98A::XDTE//20230213  
 :98A::RDTE//20230215  
 :17B::SRDC//Y  
 :22F::ADDB//CAPA  
 :16S:CADETL  
 :16R:CAOPTN  
 :13A::CAON//001  
 :22F::CAOP//CASH  
 :11A::OPTN//EUR  
 :17B::DFLT//Y  
 :16R:CASHMOVE  
 :22H::CRDB//DEBT  
 :97A::CASH//CDEURXXXXXXXXXX  
 :19B::ENTL//EUR4791654,45  
 :19B::GRSS//EUR4791654,45  
 :19B::NETT//EUR4791654,45  
 :98A::PAYD//20230216  
 :98A::VALU//20230216  
 :98A::EARL//20230216  
 :92J::GRSS//TXBL/EUR0,99  
 :92J::GRSS//TXFR/EUR0,

:92F::GRSS//EUR0,3  
 :92F::NETT//EUR0,3  
 :92A::TAXR//0,  
 :16S:CASHMOVE  
 :16S:CAOPTN  
 :16R:ADDINFO  
 :70E::ADTX//ADVICE FOR PAYING AGENT  
 :70E::ADTX//DEDUCTED QTY 20000  
 :16S:ADDINFO

**MT566 MPA:**

:16R:GENL  
 :20C::CORP//0000000434195724  
 :20C::SEME//000000141516584S  
 :23G:NEWM  
 :22F::CAEV//DVCA  
 :98C::PREP//20230215174956  
 :16R:LINK  
 :13A::LINK//564  
 :20C::PREV//000000245756024S  
 :16S:LINK  
 :16R:LINK  
 :20C::MITI//2302162510086604  
 :16S:LINK  
 :16S:GENL  
 :16R:USECU  
 :97A::SAFE//xxxx0000  
 :94F::SAFE//NCSD/DAKVDEFFXXX  
 :35B:ISIN DE000A1CRN96  
 /XS/048824153  
 SHS SUEDEDEUTSCHE AKTIENBANK AG ORD  
 BR  
 :16R:FIA  
 :11A::DENO//EUR  
 :36B::MINO//UNIT/1,  
 :16S:FIA  
 :93B::CONB//UNIT/N4840055,  
 :16S:USECU  
 :16R:CADETL  
 :98A::ANOU//20230215

:98A::RDTE//20230215  
 :98A::XDTE//20230213  
 :16S:CADETL  
 :16R:CACONF  
 :13A::CAON//001  
 :22F::CAOP//CASH  
 :16R:CASHMOVE  
 :22H::CRDB//DEBT  
 :97A::CASH//CDEEURXXXXXXXXXXXXX  
 :19B::PSTA//EUR187439,9  
 :98A::PAYD//20230216  
 :98A::POST//20230216  
 :98A::VALU//20230216  
 :92A::TAXR//25,  
 :92A::ATAX//5,5  
 :92F::GRSS//EUR0,3  
 :92J::GRSS//TXBL/EUR0,99  
 :92J::GRSS//TXFR/EUR0,  
 :92F::NETT//EUR0,7288875  
 :16S:CASHMOVE  
 :16S:CACONF  
 :16R:ADDINFO  
 :70E::PACO//++ CLEARSTREAM CONTACT Pidmktteam  
 PIDMKTTEAM  
 :70E::ADTX//DVCACRED DE000A1CRN96  
 PID CASH DISTRIBUTION  
 QTY 4840055  
 :70E::ADTX//CONFIRMATION FOR PAYING AGENT  
 T2S-ACTOR-REF CSTDY00033480963  
 REF-OWNER BICDAKVDEFFXXX  
 :70E::ADTX//DEDUCTED QTY 20000  
 NOT DELIVERED EUR AMNT 19800  
 :16S:ADDINFO

**MT536 MPA:**

:16R: GENL  
 :28E: 1/ONLY  
 :13A: :STAT//380  
 :20C: :SEME//0339102012E418D1  
 :23G: NEWM

:98C: :PREP//20230309102012  
 :69A: :STAT//20230309/20230309  
 :22F: :SFRE//INDA  
 :22F: :CODE//DELT  
 :22F: :STBA//SETT  
 :97A: :SAFE//xxxx  
 :17B: :ACTI//Y  
 :17B: :CONS//Y  
 :16S: GENL  
 :16R: SUBSAFE  
 :97A: :SAFE//xxxx0000  
 :17B: :ACTI//Y  
 :16R: FIN  
 :35B: ISIN DE000A1MMCC8  
       MEDIOS AG O.N.  
 :16R: TRAN  
 :16R: LINK  
 :13B: :LINK/DAKV/DAKVDEFFXXX  
 :20C: :POOL//P000000008645  
 :16S: LINK  
 :16R: LINK  
 :13B: :LINK/DAKV/DAKVDEFFXXX  
 :20C: :RELA//CSTDY00033510422  
 :16S: LINK  
 :16R: LINK  
 :20C: :TRRF//KT20700272500480  
 :16S: LINK  
 :16R: LINK  
 :20C: :CORP//0000000434230085  
 :16S: LINK  
 :16R: LINK  
 :20C: :MITI//2303092523013691  
 :16S: LINK  
 :16R: LINK  
 :13B: :LINK/DAKV/DAKVDEFFXXX  
 :20C: :PCTI//CSTDY00033510422  
 :16S: LINK  
 :16R: TRANSDet  
 :94B: :SAFE/DAKV/COLL/DAKVDEFFXXX

:36B: :PSTA//UNIT/0,  
 :19A: :PSTA//EUR2328876,7  
 :22F: :TRAN//CORP  
 :22H: :REDE//RECE  
 :22H: :PAYM//APMT  
 :22F: :SETR/COEX/CORP  
 :98C: :ESET//20230309093342  
 :98A: :SETT//20230309  
 :98A: :TRAD//20230309  
 :98C: :ASTS//20230309093140  
 :98C: :MTCH//20230309093140  
 :70E: :TRDE///ACKY 06/STBL N/MTCH XACT/CASH CDEE  
     URXXXXXXXXXXXXXXX/ISTR CORP/FREE  
     DVCACRED DE000A1MMCC8 .PID  
     CASH DISTRIBUTION .QTY  
     849955  
 :16R: SETPARTY  
 :95Q: :SELL//UNKNOWN  
 :16S: SETPARTY  
 :16R: SETPARTY  
 :95P: :DEAG//DAKVDEFFT19  
 :97A: :SAFE//xxxx0000  
 :20C: :PROC//KTxxxx0172533100  
 :16S: SETPARTY  
 :16R: SETPARTY  
 :95P: :PSET//DAKVDEFFXXX  
 :16S: SETPARTY  
 :16R: SETPARTY  
 :95P: :REAG//XXXXXXXXXXXX  
 :97A: :SAFE//xxxx0000  
 :16S: SETPARTY  
 :16R: SETPARTY  
 :95Q: :BUYR//UNKNOWN  
 :16S: SETPARTY  
 :16S: TRANSDET  
 :16S: TRAN  
 :16S: FIN  
 :16S: SUBSAFE

## Tax management

### CA Instruction File Upload Template – Field description

Position in CSV	Fields description	Fields names to copy as a table header in sheet "Instructions Data"	Field pattern or values	Field status
1	Corporate action reference	Corporate_action_reference	RestrictedFINXMax16Text	Mandatory
2	Sender's reference	Senders_Reference	RestrictedFINXMax16Text	Mandatory
3	Function of Message	Function_of_Message	See Field content - Function of Message code	Mandatory
4	Previous Reference	Previous_Reference	RestrictedFINXMax16Text	Optional
5	ISIN (Financial Instrument)	Financial_Instrument_ISIN	ISINIdentifier	Mandatory (a)
6	Common Code (Financial Instrument)	Financial_Instrument_Common_Code	CommonCode	Mandatory (a)
7	Safekeeping place	Safekeeping_place	AnyBICIdentifier	Conditional mandatory on ISIN
8	Safekeeping Account	Safekeeping_Account	Exact5Text or Exact7Numeric	Mandatory
9	Beneficial Owner BIC	BO_BIC	AnyBICIdentifier	Mutually exclusive with BO_Name_&_Address
10	Beneficial Owner Name & Address	BO_Name_&_Address	RestrictedFINXMax140Text	Mutually exclusive with BO_BIC
11	Beneficial Owner Legal Entity Identifier	BO_Legal_Entity_Identifier	LegalEntityIdentifier	Optional
12	Beneficial Owner Country of Domicile	BO_Country_of_Domicile	Use ISO Alpha-2 country code	Optional
13	Beneficial Owner Country of	BO_Country_of_NON_Domicile	Use ISO Alpha-2 country code	Optional

Position in CSV	Fields description	Fields names to copy as a table header in sheet "Instructions Data"	Field pattern or values	Field status
	NON Domicile			
14	Beneficial Owner Quantity of Securities Owned	BO_Quantity_of_Securities_Owned	RestrictedFINDecimalNumber	Mandatory if BO_BIC or BO_Name_&_Address is present
15	Beneficial Owner Quantity Type	BO_Quantity_Type	See Field content - Quantity Type code	Mandatory if BO_BIC or BO_Name_&_Address is present
16	Beneficial Owner Narrative	BO_Narrative	RestrictedFINXMax350ZText	Optional
17	Beneficial Owner Tax Identification Number	BO_TIN	TaxIdentificationNumber	Mandatory
18	Beneficial Owner TIN Country	BO_TIN_Country	Use ISO Alpha-2 country code	Mandatory if BO_TIN is present
19	Option Number	Option_Number	Exact3AlphaNumericText	Mandatory
20	Option Type	Option_Type	Exact4AlphaText	Mandatory
21	Disposition of Fractions	Disposition_of_Fractions	See Field Content - Disposition of Fractions (DISF) code	Optional
22	Quantity Type	Quantity_Type	See Field content - Quantity Type code	Mandatory
23	Quantity Instructed	Quantity_Instructed	RestrictedFINDecimalNumber	Mandatory
24	Requested Tax Rate Type	Requested_Tax_Rate_Type	See Field Content - Requested Tax Rate Type code	Optional
25	Requested Tax Rate (%)	Requested_Tax_Rate	RestrictedFINDecimalNumberPercent	Conditional mandatory on Requested_Tax_Rate_Type
26	Offered Price Type	Offered_Price_Type	See Field Content - Offered Price Type code	Optional

Position in CSV	Fields description	Fields names to copy as a table header in sheet "Instructions Data"	Field pattern or values	Field status
27	Offered Price Amount	Offered_Price_Amount	RestrictedFINDecimalNumber	Optional
28	Offered Price Currency	Offered_Price_Currency	See list of allowed currencies	Optional
29	Shareholder Number Reference	Shareholder_Number_Reference	RestrictedFINXMax25Text	Optional
30	Narrative Information to be complied with	Narrative_Information_to_be_complied_with	RestrictedFINXMax350Text	Optional
31	Narrative Delivery Details	Narrative_Delivery_Details	RestrictedFINXMax350Text	Optional
32	Corporate Action Instructions Narrative1	Corporate_Action_Instructions_Narrative1	RestrictedFINXMax350Text	Optional
33	Corporate Action Instructions Narrative2	Corporate_Action_Instructions_Narrative2	RestrictedFINXMax350Text	Optional
34	Corporate Action Instructions Narrative3	Corporate_Action_Instructions_Narrative3	RestrictedFINXMax350Text	Optional
35	Certification Breakdown Narrative	Certification_Breakdown_Narrative	RestrictedFINXMax350Text	Optional
36	Narrative Party Contact	Narrative_Party_Contact	RestrictedFINXMax350Text	Optional
37	Narrative Registration Details	Narrative_Registration_Details	RestrictedFINXMax350Text	Optional



### Tax voucher File Upload Template – Field description

Position in CSV	Field name	Field format	Field status
1	Safekeeping Account	5 alphanumeric or 7 digits	Mandatory
2	Quantity	10,3 numeric	Mandatory
3	BO Name	Max 35 alphanumeric	Mandatory
4	BO Address 1	Max 35 alphanumeric	Mandatory
5	BO Address 2	Max 35 alphanumeric	Optional
6	BO Address 3	Max 35 alphanumeric	Optional
7	BO Address 4	Max 35 alphanumeric	Optional
8	BO Address 5	Max 35 alphanumeric	Optional
9	BO Identification ID	16 digits	Optional
10	ISIN	12 alphanumeric	Optional
11	Corporate Action Ref.	Max 35 alphanumeric	Optional
12	Ex Date	DD/MM/YYYY	Optional
13	Payment Date	DD/MM/YYYY	Optional
14	Requested Date	DD/MM/YYYY	Optional
15	2nd Foreign Dep Name	Max 35 alphanumeric	Optional
16	2nd Foreign Dep Address	Max 35 alphanumeric	Optional
17	Attestation Type	2 alphanumeric	Optional
18	Event Type	4 alphanumeric	Optional
19	Tax Rate	2,3 numeric	Optional

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