

# OneClearstream

## Asset servicing - CBF issued securities

## **OneClearstream Asset servicing - CBF issued securities**

August 2017

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# 1. Introduction

This document provides customers with information about the OneClearstream processing of corporate action income and non-income events for CBF as issuer-CSD (hereafter described as CBF issued securities).

It covers the following asset servicing business processes and related reporting:

- Event announcement and entitlement forecast;
- Decision management;
- Payments management;
- Reversals management;
- Transaction management, including market claims, transformations and buyer protection;
- Tax services;
- Proxy voting.

Please note that this document does not describe each (sub)process in detail. The document describes only in as much detail as required to explain the functional logic and sequence of the processes. Please refer to the Customer Handbook for detailed process descriptions.

OneClearstream asset servicing for CBF issued securities is available to all CBF customers upon subscription and is not mandatory. Existing customers adopting OneClearstream services must update their processes and systems accordingly.

**Note:** Specific custody reporting related to the Paying Agents and Lead managers is not impacted by the OneClearstream changes.

Customers can adopt OneClearstream services for asset servicing only, however we recommend to couple it with OneClearstream settlement for an enhanced service and reporting consistency (for example, Legacy settlement reporting will include the CBF CORP ID of the event, and the OneClearstream settlement and asset servicing reporting will include the OneClearstream CORP ID<sup>1</sup>).

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1. The OneClearstream CORP ID is the same as the one reported for ICSD accounts.

## 2. General information

CBF offers its customers custody services that process the following events:

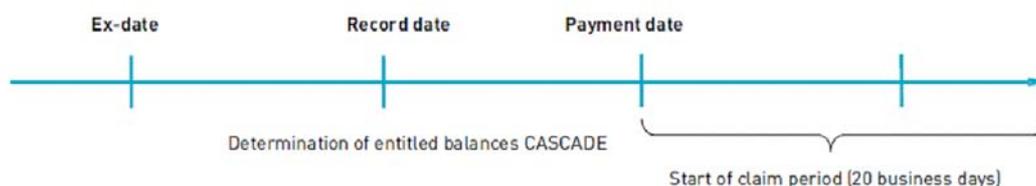
- Cash distributions;
- Securities distributions;
- Distributions with options;
- Mandatory reorganisations;
- Mandatory reorganisations with options;
- Voluntary reorganisations.

In addition, CBF offers market claim services for transactions that are traded "cum", that is, with entitlement (for example, coupon), and settled "ex", that is, without entitlement, as well as reverse claim services, proxy voting services in respect of meetings.

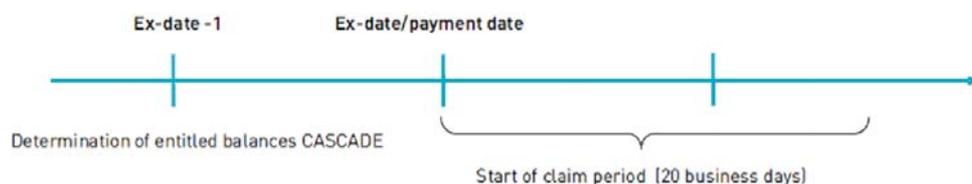
The entitlement date for identification of entitled balances is determined based on the ex- date ("ex date -1" processing) or the record date announced by the issuer. The entitlement date is reported in the CBF SWIFT reporting with the qualifier record date (RDTE). If a record date is announced, entitled balances are identified on this date. If no record date is announced, the entitled balances are identified on the business day before the ex-date.

The following figures illustrate two existing event processing logics.

### Determination of the entitled balances on record date



### Determination of the entitled balances for corporate actions on ex-date -1 end of day (EOD)



CBF outsources the processing of settlement of securities to T2S. However, the processing of asset servicing remains the responsibility of CBF. Therefore, CBF continues to process custody events and only sends securities instructions generated by corporate action events to T2S for settlement. The cash settlement for domestic securities remains in TARGET2 for the time being, with the exception of Bund payments (fixed interest instruments issued by the Federal Republic of Germany) during the night.

With the settlement of underlying instructions on T2S, the opt-out flag and the ex-coupon flag are used as exclusion indicators that can be set as additional matching criteria.

OneClearstream asset servicing aims to harmonise and standardise processing and reporting across Clearstream CSD and ICSD accounts for all markets, including T2S-in and T2S-out markets, unless

specific adaptations are required. Several upgrades to asset servicing processing and reporting have been delivered during last two years on the German market (for example, harmonisation of the event notification process, implementation of decision management).

As the processing of the CBF issued securities will remain with the CBF system, implementation of OneClearstream for the German market will mainly impact the asset servicing related reporting:

- Changes to the existing ISO 15022 MT56x messages and to the related ancillary reports (e.g. MT536, MT537, MT54x, MT942/950/940). This would also mean that some messages will be discontinued if not in line with the CAJWG recommendations;
- Availability of the new ISO messages (for example, claims and reversal advice report);
- Availability of the new non-ISO added value reports (for example, corporate action reference data report);
- New timing of the processing and dispatch of the asset servicing reports;
- Changes to the reporting subscription options;
- Updates to the TEFRA D procedure.

The table below summarises the high level impacts of OneClearstream implementation to existing CBF customers with regards to the asset servicing processing and reporting described later in this document.

Area	Main changes	Mandatory change?
<b>Common to all asset servicing reporting (and instructions)</b>		
Full details are available in the Xact via SWIFT User Guide and Account Application Forms		
General event processing improvement	Whenever the corporate action events distribute the T2S eligible proceeds it will be processed on the CBF customers accounts, without a need to use the ICSD accounts.	Yes
Event reference	The OneClearstream CORP ID will be unique per event. The COAF ID is not supported today by CBF. Its implementation is planned in course of 2018.	Yes for all reporting and instructions
Report types	The reporting types will be aligned with the ICSD (subject to subscription in Xact Web Portal). This also means that some legacy reports will no longer be provided (e.g. KADI printable reports, non standard compliant ISO messages).	Yes
Reporting options	The reporting options will be aligned with the ICSD (subject to subscription in Xact Web Portal).	Yes
Reporting timeline	The reporting timeline will be aligned with the ICSD (subject to scheduling in Xact Web Portal).	Yes for all reporting and instructions

## General information

Area	Main changes	Mandatory change?
Reporting at sub-account level	<p>Reports will be generated for each sub-account, except for blocking sub-accounts 850/671.</p> <p>The positions of sub-accounts 850/671 will be shown as blocked sub-position types in the reporting of the related sub-account.</p> <p>This also means that:</p> <ul style="list-style-type: none"> <li>- Reporting subscription must be in place for each sub-account, except blocking sub-accounts.</li> <li>- No instruction should be sent for the blocked sub-accounts position.</li> </ul>	Yes for all reporting and instructions
Report messaging	The existing messaging formats will be aligned with the current CBL ones, in ISO 15022 format and following SMPG (NMPG) guidelines.	Yes for all reporting and instructions
SWIFT address of Clearstream	As a rule, all OneClearstream customers will have to use the CBL BIC CEDELULLXXX for their asset servicing instructions and reporting. It will be possible for the CBF CSD customers to use the CBF BIC DAKVDEFFXXX, DAKVDEFFDOM or DAKVDEFFONE.	Yes for all reporting and instructions. BIC options available for CBF CSD customers
CBF customer securities account format	The securities account will be represented as individual 7-digit (i.e. 4-digit main account + 3-digit sub-account). The non-ISO instructions/reports will be in the 7-digit account format. However, the ISO instructions/reports will be in the 8-digit account format due to an additional zero added after the 4-digit main account (as it is already the case in CBF legacy ISO reports): 1234850 becomes 12340850.	Yes for all reporting and instructions
CBF customer cash account format	<p>The cash account (:97A::CASH) will be reported differently depending on the location of settlement of the proceeds:</p> <ul style="list-style-type: none"> <li>- as DCA number if payment booked in T2S,</li> <li>- as CBF sub-account numbers if payment is done in T2,</li> <li>- as ICSD account number if payment is done in ICSD.</li> </ul>	Yes for all reporting and instructions

Area	Main changes	Mandatory change?
<b>Event announcement and entitlement forecast</b>		
See <a href="#">Corporate actions on-stock</a>		
Event types	Additional event ISO types (CAEV) will be supported by CBF.	Yes if active in those events (e.g. TEFRA D)
Event options	Additional option ISO types (CAOP) will be supported by CBF.	Yes if active in those events (e.g. TEFRA D)
Event lifecycle	Additional message function WITH will be supported by CBF to announce an event withdrawal.	Yes
Balance types	Additional balance types will be reported by CBF.	No as MT564 REPE is optional
Report types	The Corporate Action data reference report will be made available through Xact Web Portal.	No as optional
Reporting timeline	The Entitlement forecast report for cash/securities proceeds (IPAR) will be available 5 business days prior to PD.	Yes, except MT564 REPE is optional
<b>Decision management</b>		
See <a href="#">Corporate actions on-stock</a>		
Blocking	The blocking is processed using the blocking sub-accounts (850, 671), however reported at sub-position level (BLOCK). This means that no reporting will be generated for the blocking sub-accounts (850, 671).	Yes
TEFRA D procedure	The TEFRA D procedure will be aligned with CBL, i.e. only flexible profile and based on corporate actions flows (MT56x). No certification via settlement instructions, but via corporate action instruction.  This procedure will replace the current legacy TEFRA D procedure for DE securities (e.g. strict vs flexible profiles and certification via settlement instructions CASCADE/MT542).	Yes if holding securities subject to TEFRA D
<b>Payment management</b>		
See <a href="#">Corporate actions on-stock</a>		
Payment of non T2S eligible proceeds	For all non-T2S eligible proceeds CBF will pay the corresponding ICSD accounts belonging to CBF customers.	Strongly recommended. If no ICSD account is opened, the CBF service is subject to a disclaimer.
<b>Reversal management</b>		
See <a href="#">Corporate actions on-stock</a>		
Report types	Reversal for income events to be pre-advised via the new MT564 ADDB with ADDB//REVR.	No, as MT564 ADDB with ADDB//REVR is optional

## General information

Area	Main changes	Mandatory change?
<b>Transaction management - Market claims and reverse market claims</b>		
See <a href="#">Corporate actions on-flow</a>		
Report types	<p>Market and Reverse market claims subject to compensation to be pre-advised via the new MT564 ADDB with ADDB//CLAI.</p> <p>Reversal of Market and Reverse market claims to be pre-advised via the new MT564 ADDB with ADDB//REVR.</p> <p>Current MT564 REPE with ADDB//ACLA and with ADDB//CLAI will be discontinued as not CAJWG recommendation compliant.</p>	No as MT564 ADDB with ADDB//CLAI and ADDB//REVR are optional
Report types	The Custody Market Claim Report will be made available through Xact Web Portal (pdf, xls, xml).	No, as optional
<b>Transaction management - Transformations</b>		
See <a href="#">Corporate actions on-flow</a>		
Report types	<p>All asset servicing reporting for transformations will be discontinued as per CAJWG recommendation.</p> <p>Current MT564 REPE CNTR, MT564 REPE ATXF and MT566 ATXF will be discontinued.</p>	N/A

## 3. Corporate actions on-stock

On-stock processing is based on the settled positions on record date or entitlement date. CBF will process on-stock events after the end of day of the respective record/entitlement date and pass on any resulting instructions (payment free of delivery (PFoD) and free of payment (FoP) securities instructions) to T2S for settlement in the following NTS processing. Income payments for which no PFoD instructions are generated will be cleared within the existing DD cash clearing cycles.

The corporate action processing covers the following main processes such as event announcement, entitlement forecast, decision management, payment and reversal management.

### 3.1 Corporate action event types and options

Clearstream supports all types of corporate actions events defined by the CASG standards:

- Cash distributions;
- Securities distributions;
- Distributions with options;
- Mandatory reorganisations;
- Mandatory reorganisations with options;
- Voluntary reorganisations.

#### 3.1.1 Cash distributions

Cash distribution is a distribution where the proceeds consist of cash only (e.g. cash dividend, interest payment).

Three key dates are used for mandatory cash distributions:

- the ex-date;
- the record date;
- the payment date.

#### 3.1.2 Securities distributions

Securities distribution is a distribution where the proceeds consist of securities only (e.g. stock dividend, bonus issue).

The key dates and the order of dates used for securities distributions are the same as for cash distributions.

#### 3.1.3 Distributions with options

As a general rule, the distribution with options is handled via two events:

- a distribution of intermediary securities (refer to securities distribution above) followed by
- mandatory reorganisation with options (refer to mandatory reorganisations below) (e.g. optional dividend).

The key dates and the order of dates used for distributions with options are the same as for cash and securities distributions and as for mandatory reorganisation with options.

# Corporate actions on-stock

## 3.1.4 Mandatory reorganisations

Mandatory reorganisation is a reorganisation that mandatorily affects the underlying security (e.g. stock split, redemption).

Three dates are used for mandatory reorganisations:

- the last trading date;
- the record date;
- the payment date.

## 3.1.5 Mandatory reorganisations with options

Mandatory reorganisation with options is a mandatory reorganisation with a choice of proceeds (e.g. merger with election).

The following dates are used for reorganisations with options:

- start of election period;
- end of election period;
- response deadline;
- market deadline;
- payment date.

## 3.1.6 Voluntary reorganisations

Voluntary reorganisation is a reorganisation in which participation is optional for the holder of the underlying security (e.g. tender offer).

The key dates and the order of dates used for voluntary reorganisations are the same as for mandatory reorganisation with options.

## 3.1.7 Corporate action event types

The table below provides the list of events supported by Clearstream and their related CAEV. This list is non-exhaustive and subject to changes due to future SWIFT releases.

Event ISO type	Event description
<b>Already supported events</b>	
ACCU	Accumulation
BIDS	Repurchase Offer/Issuer Bid/Reverse Rights
BONU	Bonus Issue/Capitalisation Issue
BPUT	Put Redemption
CAPD	Capital Distribution
CHAN	Issue Data Change
CHAN	Reorganisation
CLSA	Class Action/Proposed Settlement
CONS	Consent
CONV	Conversion
DECR	Decrease in Value
DETI	Detachment
DVCA	Cash Dividend

Event ISO type	Event description
DVOP	Dividend Option
DVSE	Stock Dividend
EXOF	Exchange Offer
EXRI	Call on Intermediate Securities
EXWA	Warrant Exercise
INFO	Information
INTR	Interest Payment
LIQU	Liquidation Dividend/Liquidation Payment
MCAL	Full Call/Early Redemption
MRGR	Merger
OTHR	Other Event
PARI	Pari-Passu
PCAL	Partial Redemption with Reduction of Nominal Value
PINK	Payment in Kind
PRED	Partial Redemption Without Reduction of Nominal Value
PRIO	Priority Issue
REDM	Final Maturity
REDO	Euro Redenomination
RHDI	Rights Distribution
SHPR	Shares Premium Dividend
SOFF	Demerger/Spin-off
SPLF	Stock Split
SPLR	Reverse Stock Split
TEND	Tender Offer/Purchase offer
XMET	Extraordinary General Meeting
<b>Events to be supported</b>	
BMET	Bond Holder Meeting
CERT	Non-US TEFRA D Certification
CMET	Court Meeting
MEET	Annual/Ordinary General Meeting
WTRC	Withholding Tax Relief Certification

# Corporate actions on-stock

## 3.1.8 Corporate action event options

The below table provides the list of options supported by Clearstream<sup>1</sup> and their related ISO codes. This list is non-exhaustive and subject to changes due to future SWIFT releases.

Option ISO type	Option name	Option description
<b>Already supported options</b>		
BUYA	Buy Up	Buy additional securities to round up position
CASE	Cash and Securities	The choice includes a combination of cash and securities
CASH	Cash	Distribution of cash to holders
CONN	Consent Denied	Vote not to approve the event or proposal
CONY	Consent Granted	Vote to approve the event or proposal
EXER	Exercise	Exercise intermediate securities or warrants
LAPS	Lapse	Allow event or entitled security to expire
NOAC	No Action	Option for the account owner not to take part in the event. This would include opt-out for class actions and lodging of dissenters' right
OFFR	Proposed Rate	In a remarketing of variable notes, the margin that shareholders can propose in respect of the next interest period.
OVER	Oversubscribe	Subscribe to more equities than underlying securities position allows
SECU	Securities Option	Distribution of securities to holders
SLLE	Sell Entitlement	Sell the intermediate securities
<b>Options to be supported</b>		
CTEN	Consent and Tender	Vote to consent to change the terms of the securities agreement and to tender securities for cash
NOQU	Non-Qualified Investor	The account owner is a Non-Qualified Investor
QINV	Qualified Investor	The account owner is a Qualified Investor

## 3.1.9 Ratio and fractions

The table below provides the list of supported ratios and their related ISO codes.

ISO code	Code name	Code description
ADEX	Additional for Existing Securities Ratio	This field contains the quantity of additional securities for a given quantity of underlying securities where underlying securities are not exchanged or debited. For example, 1 for 1 means that 1 new share will be credited for every 1 underlying share, resulting in 2 shares.
NEWO	New to Old Ratio	New to Old Quantity of new securities for a given quantity of underlying securities, where the underlying securities will be exchanged or debited, for example, 2 for 1 means 2 new shares credited for every 1 underlying share debited, resulting in 2 shares.

1. The applicability of each option varies by market.

Clearstream supports the following values for the disposition of fractions (DISF).

ISO code	Code name	Code description
BUYU	Buy Up	Buy up to next whole number.
CINL	Fractional Part for Cash	Take cash in lieu of fractions.
DIST	Distributed	Take distribution of fraction.
RDDN	Round down	Round the entitlement down to the last full unit, discarding fractions.
RDUP	Round up	Round the entitlement up to the next full unit.
UKNW	Unknown	Characteristics of the Disposition of Fractions are unknown.

## 3.2 Event announcement and entitlement forecast

### 3.2.1 Event announcement

Clearstream receives and compares corporate actions information from different sources such as the terms and conditions of the issue, agents in the domestic and international markets, financial publications as well as independent information vendors (for example, WM).

The event information is reported to customers and visible in Xact Web Portal in line with the subscribed reporting options and requested scheduling.

If the information is considered as "unconfirmed", CBF will, at its own discretion, decide whether and when unconfirmed information is to be forwarded to customers and provides which status.

Below is the full list of statuses to be used in the Corporate Action notification:

- PROC//COMP Announcement with complete details
- PROC//PREC Confirmed preliminary announcement
- PROC//PREU Unconfirmed preliminary announcement

The notification timing of corporate actions depends on whether the event is considered as predictable or unpredictable event:

- Predictable events:

Events foreseen in the security's documentation (for example, the terms and conditions), including wording around the event timing and deadlines. Securities' documentation collected by Clearstream is made available to CBF customers (for example, coupons, conversion option, put option, warrant exercise).

The predictable income events are notified to customers, at the latest, 21 days prior to payment date and under condition all key event information is available. The availability of the predictable corporate action events information depends on issuer/agents practices.

- Unpredictable events:

Events not foreseen in the security's documentation (for example, terms and conditions), are announced and described in additional documents by the issuing company's management (e.g. dividends, purchase offer, stock split).

The unpredictable events are transmitted to customers as soon as possible, generally within 24 hours after market announcement date. The timeline as recommended by standards, is five business days before the ex-date or record date for distributions and five business days before the record date or start of the election period, but can vary by market and/or Issuer.

Notifications for the relevant securities holdings are released to customers on a continuous basis during the day. Subsequent notifications are released if there is an event information

## Corporate actions on-stock

update, event cancellation or withdrawal. When available and when it is permitted, the original documentation, event notices and publication materials from the Issuer or Issuing Agent can be consulted by customers on WSS Online Plus.

Reminder notifications will be sent to customers automatically if any uninstructed position is identified prior to an event deadline. However, customers may opt out from these notifications.

Each event is notified to customers with the OneClearstream corporate action reference (CORP) which is the unique identifier of an event in Clearstream. The official corporate action reference (COAF) is not yet supported by CBF and is planned to be implemented during the course of 2018.

Additional tax information, containing taxability details, tax certification request, tax reclaims availability will be added to event notifications and certifications requests messages or sent through special tax messages, when received or available, and if applicable or appropriate.

Additional fractions handling rules, fees, disclosure or certification requirements will be added to the event notifications in the structured fields or narratives or sent through special messages if appropriate.

The narrative text in the notification will be reported in English.

Customers without holding in a particular security can access the corporate action event information using a query in the Xact Web Portal or by subscribing to the dedicated "Corporate Action Reference Data Report".

Further information on various subscription options, formats and scheduling features for corporate action notifications are available in the related connectivity guides (Xact Web Portal, Xact File Transfer or SWIFT).

### 3.2.2 Entitlement forecast

The entitled holding is calculated on record date or on actual date, according to the terms and conditions of the relevant corporate action.

Clearstream considers and reports the following balances in the entitlement notification to customers:

Balance ISO type <sup>a</sup>	Balance descriptions
<b>Already supported balances</b>	
SETT	The customer's freely available position plus any pledged securities and securities blocked for redemption
ELIG	Quantity of securities expected to be settled, derived from the current SETT position plus COLO and PENR and minus COLI and PEND transactions
PEND	Quantity of securities to be delivered pending settlement. For qualifier PEND, subfield 2 contains one of the following code words: <ul style="list-style-type: none"><li>• ELIG Balance of securities eligible for this event</li><li>• NELG Balance of securities not eligible for this event</li></ul>
PENR	Quantity of securities to be received pending settlement. For qualifier PENR, subfield 2 contains one of the following code words: <ul style="list-style-type: none"><li>• ELIG balance of securities eligible for this event</li><li>• NELG balance of securities not eligible for this event</li></ul>
BLOK	Blocked balance
<b>Balances to be supported</b>	
AFFB	Quantity of securities that have been affected by the process run through the event

Balance ISO type <sup>a</sup>	Balance descriptions
UNAF	Quantity of securities that have not been affected by the process run through the event.
BORR	Quantity of borrowed securities held on account
LOAN	Quantity of lent securities. Lent securities belong to the account but are not on the account
COLI	Collateral in/received collateral quantity: quantity of securities received as collateral.
COLO	Collateral out/delivered collateral quantity: quantity of securities delivered as collateral

- a. **Clearstream usage:** subfield 2 contains one of the following code words as indicated:  
 FAMT quantity expressed as the face amount of the principal (for bonds)  
 UNIT quantity expressed as a number (for shares, warrants, rights and gold).

Below is the full list of statuses to be used in the entitlement notification:

- PROC//ENTL With entitlement (used for the first notification in combination with 23G NEWM) **(NEW)**
- PROC//COMU Complete unconfirmed **(NEW)**
- PROC//PREU Unconfirmed preliminary announcement

For each corporate action event subject to proceeds Clearstream calculates the entitlement in cash and securities at customer's level based on the eligible balances. For mandatory events with choice, the calculation of the entitlement for the uninstructed positions is based on the default option terms.

Whenever tax is applied, Clearstream processes tax information linked to a specific account and in addition to gross entitlement calculates the tax amount and the net entitlement.

At the customer's preference, the entitlement notification may include or not the pending transactions and be sent in a complete or delta format.

The entitlement notification shows three categories of "upon receipt of funds" (URF) information based on the timeliness and accuracy of the previous payments. This is to provide customers with additional valuable information on the risk that exists for receiving the funds after expected payment date. The possible values are as follows:

- Timely payment expected (code 1)
- One of the last of three payments has not been paid on time (code 2)
- Risk of reversal (code 3)

Provided all calculation details are available, Clearstream releases the entitlement notifications (also called IPAR which stands for Income Pre-Advice Report) to customers as of five business days before the scheduled payment date. The subsequent entitlement notifications are released to customers if any change in the customer's eligible position or tax information or in case of event information update affecting the entitlement calculation. Depending on the customer reporting subscription and the connectivity channel used, the report is released in a real time or intraday.

The entitlement report is not a receipt of proceeds, but rather a projection of cash securities to be expected which is subject to Clearstream's conditions for corporate action payments. Therefore, Clearstream provides the entitlement notification for information purpose only and shall not be liable for any action taken by customer based on this report.

The final entitlement due to be paid is calculated after the end of day processing on record date or on actual date that reflects the end of day balances.

Further information on various subscription options, formats and scheduling features for entitlement notifications are available in the related connectivity guides (Xact Web Portal, Xact File Transfer or SWIFT).

## 3.3 Decision management

### 3.3.1 Instruction processing principles

All information relevant to the elections as well as eligible positions are reported to customers in the related corporate action notification. The customers have several possibilities to monitor their uninstructed positions, on top of the standard reminder notification sent automatically if any outstanding uninstructed position prior to instruction deadline:

- The uninstructed positions per event and per account are available in the event queries via Xact Web Portal and in the dedicated Urgent Uninstructed report (pdf, xls).
- My Indicators, on the Xact Web Portal dashboard, shows in real time indicators about the number of uninstructed and partially instructed corporate actions.

For correctly formatted instructions, the customers benefit from the competitive response deadline (STP processing) which is reported in the related notification.

"No action" instructions are considered and recorded with the same priority. As a result, positions instructed for "no action" will not be eligible to participate in the respective event unless the instruction is cancelled and replaced.

Free-format MT568/599 instructions, manually repaired and unsolicited instructions i.e. where the corporate action reference ID is missing or is set to NONREF, all have a standard deadline being four (4) hours prior to the official Clearstream deadline and will be subject to an additional fee. For all events (if applicable) the standard deadline is provided in the related corporate action notification.

Formatted customer instructions received far before exercise periods will be automatically rejected. However, if the exercise period start date is within five business days of receipt of the instruction, the instruction will be held in suspense until such dates are reached.

Customers should always send instructions prior to Clearstream deadline. Instructions are processed according to deadline priorities (when applicable). Instructions received from customers are validated by Clearstream and forwarded to the Lead Manager/Paying Agent in bulk mode on deadline date. If a corporate action instruction does not include an execution date, the Instruction will be considered as if received for processing on the next possible execution date.

Instructions received after the Clearstream deadline will be executed on a "best efforts" basis and are transmitted to the Lead Manager/Paying Agent, however, execution cannot be guaranteed. If the instruction received after the deadline cannot be executed, a default action will be applied as stated in the notification (default indicator).

To replace a sent instruction, customers must send a cancellation message before the new instruction, if permitted in the terms and conditions of the event. The customers are requested to cancel formatted instructions with a formatted cancellation via Xact Web Portal or by SWIFT MT565.

If instructions have already been processed and forwarded to the market, Clearstream will, if permitted in the terms and conditions of the event, forward the cancellation request accordingly, but cannot guarantee execution of the cancellation request.

Position blocking can occur on specific events, typically upon receipt of a customer corporate action instruction (for example a subscription offer) or on a pre-defined date (for example, TEFRA D certification).

To block the customer's position, Clearstream generates the settlement instruction in T2S for each impacted customer account to move the customer's position to the customer blocking sub-account 850 if due to a corporate action or to 671 if due to TEFRA D certification. The blocked positions are shown in the customer sub-account reporting as sub-position type (i.e. BLOCK).

Here is an example, where the positions are blocked due to a Subscription offer, provided that the CBF customer instructed 100 out of 500 from his main sub-account 1234 000 and 200 out of 200 from his other sub-account 1234 001.

### DE securities (DCP and ICP customer view)

Accounts	1234 000	1234 001	Blocking sub-account 1234 850 (Legacy and OneClearstream)
Initial CASCADE holding	500	200	0
CA Instruction MT565	100	200	n/a
CASCADE holding after instruction	400	0	300
T2S view	AWAS 400	AWAS 0	AWAS 300
<b>OneClearstream view</b>	<b>AWAS 400</b>	<b>AWAS 0</b>	<b>BLCA 300</b>
CBF Legacy reporting (MT564)	ELIG 700 SETT 700 BLOK 300 INBA 300 UNBA 400		n/a
<b>OneClearstream reporting (MT564)</b>	<b>ELIG 500 SETT 500 BLOK 100 INBA 100 UNBA 400</b>	<b>ELIG 200 SETT 200 BLOK 200 INBA 200 UNBA 0</b>	n/a

Whenever the event is distributing another securities line (for example tender offer), instead of applying a blocking, the customer's position in the basis securities is moved to the internal CBF account.

### 3.3.2 Formatted instructions

Clearstream offers end-to-end handling of the customer's corporate action instructions received via following media:

- Xact Web Portal
- Xact File Transfer
- Xact via SWIFT MT565 message

In addition to the above, the customers have a possibility to upload a CSV file with up to 100 instructions via Xact Web Portal and up to 10,000 instructions via Xact File Transfer.

All instructions received via above connectivity are subject to automatic syntactical and business validation. The SWIFT MT565 will be additionally subject to the account and BIC related authorisations validations. Your Sender BIC must be authorised in order to release MT565 instructions to CBF. If the authorisation is missing, your instruction will be rejected immediately.

The Clearstream standard rules for the completion of the corporate action instructions are described in the related connectivity guides. Any additional information required as described in the MT564 corporate action notification must be included in the instruction.

Customers must only include one instruction per message. One instruction consists of one account number, one nominal and one option.

## Corporate actions on-stock

Free-format MT568/599 instructions can be accepted, respecting the following data as mandatory to ensure validity:

- Exact event type;
- Corporate action reference ID and/or event name;
- Customer account number;
- Nominal quantity;
- The financial instrument identification number (ISIN);
- The selected option (note that "No Action - NOAC" instructions are considered as an option);
- Any additional information required as described in the corporate action notification.

Free-format instructions are subject to manual validation and processing. For risk management purposes, corporate action instructions sent by fax or email are not accepted.

### 3.3.3 Instruction status and processing advice

Customers 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.

When an MT565 instruction is received after the CBF deadline but before the market deadline, customers receive an acknowledgement (MT567), advising that the instruction is after the deadline and will be processed on a "best efforts" basis. After feedback from the Lead Manager/Paying Agent, a revised processing advice is sent to customers.

Customers using Xact Web Portal can check the status of their corporate action instructions directly in Xact Web Portal and schedule the receipt of an MT567 via SWIFT.

Any incorrectly formatted instruction with several errors or instructions with no recognised authorisation in place will be rejected.

In addition, customers will be informed of the non-execution and rejection of corporate action instructions in following cases:

- the instruction is incomplete;
- cash provision is insufficient for the execution of the instruction;
- the required certification document is not provided together with the related instruction;
- the corporate action reference ID is missing and the CAEV, ISIN (or common code) and place of safekeeping provided in the related instruction do not match with an event;
- any additional requirements are not satisfied.

Since customer instructions go through all business validation checks, an instruction may be rejected due to multiple reasons, each being detailed in the narrative. The rejection reasons are notified via the instruction status and processing advice.

The status and processing advice is not available for free-format instructions and customers are responsible for monitoring the instruction execution.

### 3.3.4 Completion of paper forms

Clearstream includes, as part of its standard service, the completion of paper forms to participate in a corporate action provided it is permitted under terms and conditions of the issue and/or by the issuer or its agent and where there is no requirement that the form must be completed and signed by the actual legal or beneficial holder.

In all cases, Clearstream provide customers with the necessary forms, or with information on how to obtain them, in order to participate in the event.

### 3.3.5 TEFRA D procedure (NEW)

Euro-instruments are usually subject to sales restrictions and cannot be offered or sold to certain categories of investors. Such restrictions are usually temporary (although they may occasionally be permanent), and are defined in the terms and conditions of the issue.

Euro-instruments are not usually registered under the "securities act of 1933" of the United States, as amended, and are therefore restricted for United States investors. The issuer of such euro-instruments may therefore decide to apply TEFRA D regulations.

TEFRA D restrictions are temporary, they apply for a specified period, called the "Restricted Period". The Restricted Period ends upon the exchange of the temporary Global Note.

In order to obtain payment on an interest Coupon or to proceed with the exchange of the temporary Global Note, investors must deliver to Clearstream the appropriate certification. The date by which such certification must be submitted is called the "Certification Event Date". Unless notified to the contrary by the Lead Manager/Issuing Agent the Certification Event Date is set out forty (40) days after the Closing Date. Customers are notified by Clearstream of the certification event via MT564 CERT as soon as holdings in the security are acquired within the restricted period. Reminders will also be sent if the duration of the certification period allows, usually 10 days and two (2) days before the Certification Event Date.

For customers who do not provide the appropriate qualified investor certification by the Certification Event Date or exclude a portion of holding (securities certified as held by Non Qualified TEFRA Investors, as defined below) from such certification, the uncertified or excluded portion of their holding in the relevant securities will be blocked for transfer and excluded from any entitlement.

Customers holding securities requiring qualified investor certification are requested to send the appropriate certification Instruction as soon as possible to Clearstream via the appropriate connectivity medium before the deadline for certification. The deadline is usually 19:30 CET on the Certification Event Date. Customers are strongly recommended to provide certification via Xact Web Portal or MT565 Corporate Action Instruction. Clearstream will accept those instructions up to three (3) business days after Certification Event Date. As of four business days all such certification via MT565 will be automatically rejected, hence in such a case customers are requested to first contact Client Services for further assistance with providing a late certification.

In the case of a new tranche being introduced before the certification Deadline, the tranche shall effectively extend the Restricted Period of the TEFRA D event and a notification specifying the new certification Deadline shall be sent; this does not require any previously certified position to be re-instructed unless a customer acquires an additional holding.

Customers are allowed to certify electronically under TEFRA D rules as described below. Any certifications provided via Xact Web Portal or SWIFT message shall have the same effect of signed certificate.

It is drawn to customers' attention that Clearstream will strictly rely on the information and statements provided by the customers and shall not be held liable for any factual errors or inconsistency contained therein. In addition, it is strongly recommended that the customers perform their own tax assessment and consult their own tax advisor regarding the certification.

In their MT565 Instructions, customers must indicate the type of beneficial owner.

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Customers must send CBF an MT565 Instruction specifying the relevant Instruction quantity, corporate action reference ID and the corporate action option code set to :22F::CAOP//QINV. By sending a QINV instruction, the Customers are certifying to Clearstream that the relevant securities are owned by a Qualified TEFRA Investor.

**Note:** Where the entire holding is held by a Qualified TEFRA Investor, Customers can alternatively certify by sending an MT565 Instruction with the quantity set to zero and the corporate action option code set to :22F::CAOP//NOQU. CBF will accept an MT565 Instruction with the Instruction quantity set to zero for this corporate action option code only. The NOQU certification can be used to certify that the Customer is a Qualified TEFRA Investor and holds the relevant securities as explained in this note.

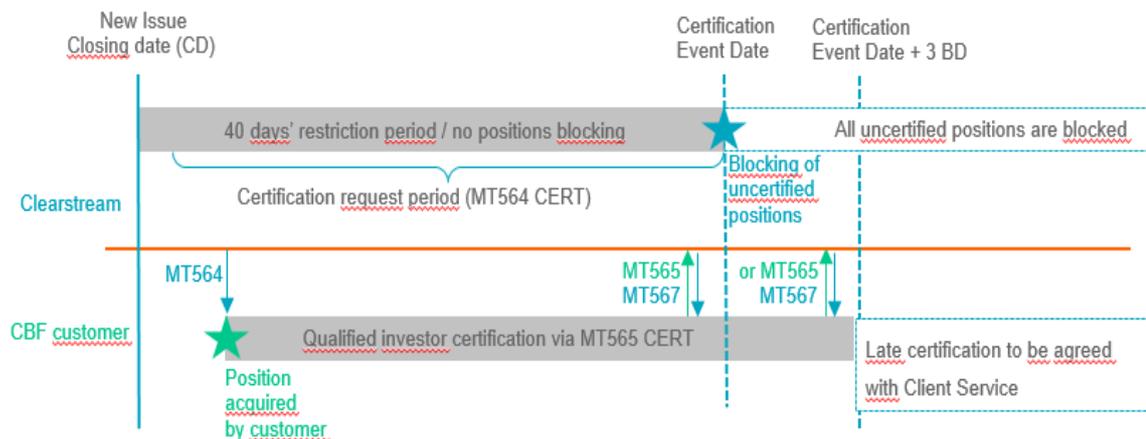
A securities position held by a Qualified TEFRA Investor will not be blocked and will be authorised to receive entitlements. This holding will be exchanged from a temporary Global Note to a permanent Global Note or to definitive Certificates, as the case may be. Holders of such securities positions will be entitled to principal and interest payments.

Customers shall state that, if there are any changes in ownership between the date when certification is provided and the certification event date, i.e. the last day of the restricted period, then an updated certification must be provided.

Customers are able to view notifications of beneficial ownership in Xact Web Portal and respond via the appropriate Instructions.

Xact Web Portal provides the same level of information as other media. They also offer real-time query on notifications and instructions.

The diagram below shows the corporate actions flows for the TEFRA D certification procedure.



## 3.3.6 Sales and purchase of rights

Clearstream offers a sales and purchase service for subscription rights. The customers are informed about the event, deadlines and possible options via MT564 Corporate Action notification.

Orders must be sent to Clearstream via MT565/568/599 Corporate Action instruction. Customers may send multiple instructions within the trading period of the related corporate action, subject to the available rights held prior to the trading deadline. For each MT565, customers will receive the MT567 Corporate Action Status and Processing Advice.

To execute the order to sell, Clearstream will debit the rights from the customer account and will move them to a dedicated internal account via a T2S Free of Payment instruction with a transaction code CORP. The cash proceeds will be credited to the customer's T2 account and confirmed via the MT566 Corporate Action Confirmation including the trade details.

To execute the order to purchase, Clearstream will debit the customer's T2 account with cash proceeds and will move the rights to the DCA linked to an internal account. The rights proceeds will be credited to the customer's account via a T2S Free of Payment instruction with a transaction code CORP and confirmed via the MT566 Corporate Action Confirmation including the trade details.

Further details on this service are to be described in the dedicated document Sale and Purchase of Rights.

## 3.4 Payment management

The payment management process of payment instructions on-stock is based on the settled positions on record date or entitlement date.

All resulting T2S-eligible proceeds will be paid to customers as follows:

- Income payments related to Bunds settle on T2S DCAs via the T2S instruction types PFoD (Payment Free of Delivery);
- Income payments related to non-Bunds cleared on the RTGS accounts in TARGET2 within CBF's Direct Debit cash clearing cycles DD1 and DD2;
- Payments on other voluntary corporate action events cleared on the RTGS accounts in TARGET2 within CBF's Direct Debit cash clearing cycles DD1-DD3.

The Direct Debit (DD) cash clearing processes are the existing and market proven CBF process using the TARGET2 ASI procedure 3. This means that the calculated cash amounts processed within the different areas of CBF are accumulated and cleared within each DD cycle (DD1-DD3) versus the TARGET2 RTGS account linked to the CBF account of the customer.

The timing of the DD-processes is as follows:

- DD1 - around 09:30
- DD2 - around 13:45
- DD3 - around 15:15

All payments will only be made upon receipt of proceeds from the Lead Manager/Paying Agent. As a general rule, Clearstream will process corporate actions payments on the same day as received from the Lead Manager/Paying Agent; it assumes that the following markets/systems need to be open:

- Market, TARGET2 (T2) and T2S for payments in cash,
- Market and T2S for payments in securities.

According to the T2S holiday calendar, T2 is closed for EUR-payments on:

- Good Friday
- Easter Monday

## Corporate actions on-stock

- 1 May (Labour day)

whereas T2S is open for securities settlement. On these days (TARGET2 closing days) only FoP (Free of Payment) transactions can settle in T2S.

The ex-dates are set independently from the T2S holiday calendar (but not on weekends) as this date is no longer relevant for settlement, only for trading. Whenever the payment cannot be processed the same day as received from the Lead Manager/Paying Agent (e.g. late receipt of proceeds, reconciliation issue, technical issue), it will be done the next possible cycle/day.

**Note:** On the redemption date of a corporate action, no blocking of securities or of customer positions is done by CBF as the whole position is redeemed within the NTS cycle preceding the redemption date. The credit of cash proceeds is executed after the debit of securities.

Whenever the cash/securities proceeds are non-T2S eligible (i.e. non-EUR currencies), it will be paid to the customers via their Clearstream ICSD accounts (i.e. CBFi or CBL accounts). Therefore, all Clearstream customers are required to open and maintain at least one Clearstream Creation account to allow payments to be processed automatically.

Each asset servicing payment and the related Corporate Action Confirmation MT566 will be generated per movement.

In case of the proceeds are not eligible in Clearstream, the customers will be asked to provide the delivery details to execute the payment accordingly outside of Clearstream.

### 3.4.1 Income Bund related payments

CBF generates PFoD instructions for on-stock Bund payments. These PFoD instructions are forwarded to T2S (via sese.023) for settlement during NTS so that the liquidity is available on the beneficiary customer's DCA for EUR settlement as early as possible.

All different Bund payments for one value date are accumulated within one PFoD instruction across:

- Positions in all affected Bund ISINs for the same payment date;
- Positions on all CBF accounts (incl. sub- and pledge accounts) under one CBF account master;
- Income event types (redemption, interest or Xemac® suspensions and terminations).

As PFoD instructions always need to quote the ISIN to which the payment refers, CBF opens a dummy ISIN (DE000BDPAYM8) for Bund payments under which the aggregated payments for all Bund issues are subsumed.

Customers need to define one specific SAC-DCA link per CBF account master which is to be used for the settlement of all PFoD instructions referring to Bund payments.

PFoD instructions for Bund payments on-stock is generated with the following identifying parameters:

Parameter type	Parameter in CBF and T2S	Comment
Instruction type/Auftragsart	CBF: cash lifecycle instruction (KNZI) T2S: sese.023	PFoD instructions generated by CBF are not instructed to CASCADE, but via cash lifecycle and forwarded to T2S for settlement. These PFoD instructions will be reported in ClearstreamXact but not in Legacy settlement reporting.
Transaction Code	CORP	Corporate Action on-stock
Matching	already matched	no matching needed in T2S
Priority	1	Reserved Priority
Partial settlement	NPAR	No partial settlement possible
Linking	Pool Reference	All PFoD instructions of all customers are linked via Pool Reference to each other to ensure that the event is settled.

CBF forwards these PFoD instructions to T2S for settlement within the following NTS processing. If, for any reason, such a PFoD instruction cannot settle within the NTS of this settlement day it will be cancelled and cash will be paid within the following DD cycle.

Cancellations/corrections of Bund payments which are processed by CBF on or after the original value date are cleared within the Direct Debit cycles DD1/DD2.

Any other payments on Bund issues such as market claims and transformation payments will be cleared within the Direct Debit cycles.

PFoD instructions are included in the following reports:

Report channel	Report type	Report	Event included in the report
Xact via SWIFT and Xact File Transfer	Asset servicing	MT564	Yes, reporting per individual ISIN
		MT566	Yes, reporting per individual ISIN DCA is shown in field :97a::CASH//
	Settlement	MT536	Yes, under a dummy ISIN
		MT544-547	Yes, under a dummy ISIN
		MT548	Yes, under a dummy ISIN
Cash	MT940 MT942/950 (Legacy only)	Yes, reporting per individual ISIN	
Xact Web Portal	Asset servicing	-	Yes
	Settlement	-	Yes
T2S connectivity	Settlement	sese.025 CORP	Yes, under a dummy ISIN

**Note:** The legacy cash/settlement related reports will remain unchanged and available (e.g. KVGI-KE, KNZI-IK).

# Corporate actions on-stock

## 3.4.2 Non-income Distribution/collection of securities

The process for the distribution and collection of securities, respectively FoP credits and debits of securities, remains mainly unchanged with the exception of the following factors that are to be considered for the future processing:

- Record date processing;
- New T2S settlement day;
- T2S holiday calendar;
- Settlement in T2S;
- Considering Minimum Settlement Unit (MSU) & Settlement Unit Multiple (SUM) in the resulting security line

CBF generates securities credits and debits out of corporate actions via FoP instructions (CBF instruction type/Auftragsart 13 or 01/02) with the transaction code CORP. The instructions are forwarded to T2S for settlement within the NTS of the entitlement/payment date. The entitlement/payment date must be a T2S opening day, but may be a TARGET2 holiday.

Upon the validation of instructions on T2S the provided nominal is checked against MSU (nominal has to be greater than / equal to the Minimum Settlement Unit) and SUM (nominal has to be an integral multiple of the Settlement Unit Multiple) of a securities static data by T2S. As CBF instructs with the transaction code CORP, the prior mentioned T2S business rules are bypassed. However, in order to allow CBF customers an unobstructed transfer of securities with any other transaction code than CORP, the resulting nominal has to be adjusted by considering T2S-MSU and T2S-SUM. Therefore CBF calculates a "SUM conform nominal":

$$\text{SUM conform nominal} = \text{round down} \left( \frac{\text{round down}(\text{resulting nominal 3 digits})}{\text{SUM}} \right) \times \text{SUM}$$

Now the nominal is adapted to the SUM. In order to fulfil the MSU requirements, the following rule has to be applied:

$$\text{SUM conform nominal} \geq \text{MSU}$$

Any resulting odd-lot will be redeemed and compensated if a compensation price is available. Hence the nominal is adjusted and transferable without resulting in fractional ("none transferable") units.

Example - calculation of SUM conform nominal

RESULTING NOMINAL=1.66666 MSU=1.00000

SUM=0.20000

SUM CONFORM NOM.= 1.600

SUM CONFORM NOM more than MSU = true

ODD-LOT=0,06666

Result

The SUM CONFORM will be credited to the customer account and the redeemed odd-lot will be compensated (using existing compensation price).

To process corporate action events on-stock, CBF generates instructions for credits or debits of securities and forwards them to T2S for settlement.

In T2S, instructions generated out of CBF's corporate action processing show the following specific parameters:

Parameter type	Parameter in CBF and T2S	Comment
Instruction type/Auftragsart	CBF: AA01/02 or AA13 T2S: sese.023	Depending on the event, the instruction type in CASCADE can vary. Independently from the instruction type assigned in CASCADE all instructions are passed on to T2S via sese.023
Transaction Code	CORP	Corporate Action on-stock
Matching	already matched	no matching needed in T2S
Priority	3	High Priority
Partial settlement	NPAR	No partial settlement possible
Linking	Pool Reference	All PFoD instructions of all customers are linked via Pool Reference to each other to ensure that the event is settled.

The respective instructions are included in the following reports:

Report channel	Report type	Report	Event included in the report
Xact via SWIFT and Xact File Transfer	Asset servicing	MT564	Yes, reporting per individual ISIN
		MT566	Yes, reporting per individual ISIN
	Settlement	MT536	Yes
		MT544-547	Yes
		MT548	Yes
Cash	MT942/950 (Legacy only)	n/a	
Xact Web Portal	Asset servicing	-	Yes
	Settlement	-	n/a
T2S connectivity	Settlement	sese.025 CORP	Yes

**Note:** The Legacy cash/settlement related reports will remain unchanged and available (e.g. KVG1, KVDU).

### 3.5 Reversals and re-processing

Asset servicing payments might be subject to a reversal due to a change or an incorrect setup of the event details (e.g. record date, ex-date) that affects the entitlement and payment processing.

If the settlement of an income event is reversed, CASCADE generates offsetting entries in order to restore the original state of affairs before settlement was carried out. This also includes the generation of cancellations for market/reverse claim payments that have already taken place.

If a new settlement is made with modified data after a reversal, new cash entries are generated in order to distribute the income on the basis of the positions relevant on the entitlement date, as well as based on entitled market and reverse claims, and the daily compensation run is started in relation to transactions that have been entered.

The processing and cash clearing of reversals and re-run can take place during the T2S NTS and also during the day (DD1 and DD2).

**(NEW)** Whenever the reversal of an already processed payment has to be performed for the below events, it will be subject to new process and reporting flows in Clearstream:

## Corporate actions on-stock

Event ISO type	Event type
INTR	Floating Coupon
INTR	Fixed Coupon
DVCA	Dividend
PCAL	Partial redemption
MCAL	Early redemption
REDM	Final Redemption
REDM	Redemption in Shares (only if the default option is cash)

For the above-mentioned events, Clearstream will handle both, reversal and repayment (if applicable), by generating the appropriate corporate action payment instructions in T2S. The reversals/repayment payment instructions are generated as soon as the reversal/repayment of proceeds have been confirmed by the originator and executed by T2S.

The customers, having the appropriate the reporting subscription, will receive the details of reversal/repayment and of related booking confirmations via following corporate action reporting:

- **(NEW)** Reversal Pre-Advice MT564 ADDB with ADDB//REVR
- Reversal Confirmation MT566 REVR
- Repayment Notification MT564 NEWM/REPL or Pre-Advice MT564 REPE
- Repayment Confirmation MT566 NEWM

The customers that were previously entitled but are no longer entitled due to the record date/ex-date changes are not subject to repayment notification.

The reversal and repayments are processed with the same event reference and appropriate link to the original payments to allow customers to reconcile the movements.

**(NEW)** The Reversal Pre-advice message (MT564 ADDB with ADDB//REVR) is the new report to advise the customers on an upcoming reversal for income events and market claims.

The Reversal Pre-advice message is generated as soon as the reversal payment instructions are generated by Clearstream in real time via Xact Web Portal and Xact via SWIFT, and on continuous basis via Xact File Transfer. The reversal Pre-Advice will be generated per each payment confirmed by MT566 NEWM and subject to reversal.

The Reversal Pre-advice message will include the following information:

- Reference of a corporate action (CORP)
- Link to the previous MT566 NEWM (LINK and PREV)
- Entitlement forecast of the movements to be reversed
- Option corresponding to the movements to be reversed
- Additional narrative information about reversal (i.e. error type, originator, error party name and root cause)

To receive the Reversal Pre-advice Report, customers must subscribe to the MT564 Claim and Reversal Advice.

The Reversal Confirmation (MT566 REVR) confirms a successful booking of reversal to customers.

The Reversal Confirmation is generated whenever the market or Clearstream confirms the settlement of the reversal.

The Reversal Confirmation includes the following information:

- Reference of a corporate action (CORP)

- [Link to the previous MT566 NEWM \(LINK and PREV\)](#)

The Reversal Confirmation is sent to any customers subscribed to receive the Corporate Action Confirmation MT566. All Reversal related reports are available in the following formats: ISO 15022, PDF, XML and XLS.

Whenever the repayment is applicable, the repayment details will be announced via the standard Corporate Action Notification MT564 NEWM/REPL or Income Pre-Advice Report MT564 REPE while the repayment booking confirmed via standard Corporate Action Confirmation MT566 NEWM. Both reports will include the correct linkage to the previously sent MT564.

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### 3.6 Corporate actions reporting

All report subscriptions are captured for CBF customers with their safekeeping account (97A::SAFE//) at sub account level.

#### 3.6.1 OneClearstream asset servicing reporting

The table below summarises all MT56x reports providing information about corporate actions. In addition to those ISO messages, the reports are also available in pdf, xml and xls formats. Further details about supported fields, available formats and scheduling options for the above-mentioned reports are described in the related connectivity guide and report timings matrix.

Report purpose	Reports	Comments/specific features
Event information - New	MT564 Corporate Action Notification :23G:NEWM :20C::OneClearstream CORP ID :25D::Exhaustive list of statuses	Available upon subscription to MT564 CA Notification
Event information - Update of previously announced event details	MT564 Corporate Action Notification :23G:REPL :20C::OneClearstream CORP ID :25D::Exhaustive list of statuses	Available upon subscription to MT564 CA Notification
Event information - Cancellation of previously announced event	MT564 Corporate action Notification :23G:CANC :20C::OneClearstream CORP ID :25D:: Exhaustive list of statuses	Available upon subscription to MT564 CA Notification
<b>(NEW)</b> Event information - Withdrawal of the event or offer by the issuer	MT564 Corporate action Notification :23G:WITH :20C::OneClearstream CORP ID :25D::Exhaustive list of statuses	Available upon subscription to MT564 CA Notification
Event information - Narrative	MT568 Corporate Action Notification :23G:NEWM, REPL, RMDR, CANC :20C::OneClearstream CORP ID :25D::Exhaustive list of statuses	Available upon subscription to MT564 CA Notification
Event information - Reminder of previously announced event	MT564 Corporate Action Notification :23G:RMDR :20C::OneClearstream CORP ID :25D::Exhaustive list of statuses :93B::UNBA uninstructed balances :93B::INBA instructed balances	Available upon subscription to MT564 CA Notification Sent automatically only if outstanding uninstructed position
Entitlement information on the previously announced event	MT564 Income Pre-Advice Report REPE :23G:REPE :22F::ADDB//CAPA in sequence D :20C::OneClearstream CORP ID :25D::Exhaustive list of statuses :93B::Exhaustive list of balances	Available upon subscription to MT564 IPAR Covers both income and non-income events Covers both cash and securities proceeds Includes pending trades
Status of corporate action instruction	MT567 Corporate Action Status and Processing Advice :23G:INST or CAST :20C::OneClearstream CORP ID :25D::Only ISO compliant statuses	Available upon subscription to MT567 CA Status and Processing Advice Not applicable to free-format instructions Covers instructions and cancellation requests

Report purpose	Reports	Comments/specific features
Confirmation of booked payment	MT566 Corporate Action Confirmation :23G:NEWM :20C::OneClearstream CORP ID	Available upon subscription to MT566 CA Confirmation Covers both cash and securities proceeds Whenever there are several movements for the same event which are processed at the same time, the MT566 will include both movements
<b>(NEW)</b> Information about upcoming reversal	Reversal Advice MT564 :23G:ADDB :22F::ADDB//REVR in sequence D :20C::OneClearstream CORP ID :13A::LINK and :20C::PREV with linkage to previous MT566 :70E::Narrative with error type, originator, error party name and root cause	Available upon subscription to MT564 Claim and Reversal Advice from November 2017 Sent for income events and market claims
Confirmation of booked reversal	MT566 Reversal Confirmation :23G:REVR :20C::ORP ID in CBL format :13A::LINK and :20C::PREV with linkage to MT566 NEWM	Available upon subscription to MT566 CA Confirmation
Information about new payment, following reversal	MT564 Corporate Action Notification NEWM/REPL or MT564 Income Pre-Advice Report REPE	Available upon subscription to MT564 CA Notification or to MT564 IPAR
Confirmation of booked new payment, following reversal	MT566 Corporate Action Confirmation NEWM	Available upon subscription to MT566 CA Confirmation

MT566 Corporate Action Confirmations are generated and transmitted to customers for income and non-income events. Those messages are sent after either T2S has confirmed settlement of the custody instruction (FoP or PFoD) or TARGET2 has confirmed cash settlement on the RTGS accounts cleared within the Direct Debit cycles.

In the MT566 Corporate Action Confirmation messages for PFoD related payments (i.e. for Bund payments and Xemac® compensations) the following references are applied:

- **(NEW)** In field :97A:: the DCA reference is shown.
- In field :70E:: the T2S Actor Reference (16-digit OneClearstreamID) is shown. This allows the PFoD to be identified in T2S.

The MT566 Corporate Action Confirmation is produced per ISIN and position, although the PFoD instruction shows a dummy ISIN (DE000BDPAYM8) under which all the payments are collated.

In the MT566 Corporate Action Confirmation messages for FOP securities instructions the following references are applied:

- In field :97A:: the CBF sub-account number.
- In the field :70E:: the T2S Actor Reference (16-digit OneClearstreamID) is shown. This allows the FoP instruction to be identified in T2S.

For Registered Shares (RS) the instructions are split if the customer positions are divided by position types and there will be separate MT566 per position type (with usage of the PoolID).

Further details about supported fields, available formats and scheduling options for the above-mentioned reports are described in the related SWIFT connectivity guide and report timings matrix.

## Corporate actions on-stock

### 3.6.2 Other OneClearstream added value reporting/information

#### 3.6.2.1 Corporate Action Reference Data Report (Zero Holding Report )

The Corporate Action Reference Data Report, available upon subscription, provides detailed information about corporate actions for any security held in Clearstream Banking, even if customers do not hold the underlying securities. Customers must submit a list of financial instruments to Clearstream Banking using Xact File Transfer via Internet and receive a report with all Corporate Actions Notifications associated with the securities. The report will be sent to their Xact File Transfer FileStore or can be downloaded via Xact Web Portal.

#### 3.6.2.2 Urgent Uninstructed Report

The customers wishing to closely monitor their uninstructed positions can subscribe to the Urgent Uninstructed Report (pdf) which provides both instructed and uninstructed positions for an ongoing event.

#### 3.6.2.3 Xact Web Portal features

The event data information is available in the Xact Web Portal via various queries and advance search functionalities. The Xact Web Portal offers an event timeline view, shows all accounts impacted by the same event and allows a setup of personalised alerts/dashboard. Further details on various Xact Web Portal features are described in the related connectivity guide.

### 3.6.3 Ancillary reporting

Along with asset servicing reporting, the payment and reversals of asset servicing proceeds are reported via settlement reporting (MT544-7, MT548), statements of transactions (MT536, MT537) and cash reporting (MT940 for DCA only, MT942, MT950) as well as via the existing Legacy online/printable reports (e.g. KNZI-IK, KVGI).

These reports include additional information relevant to corporate actions to ease the reconciliation at customer side.

## 4. Corporate actions on-flow

### Market and reverse claims, transformation and buyer protection

#### 4.1 General principles

Market and reverse claims is the process to reallocate the proceeds of a distribution to the contractually entitled party. The market claim can occur for income and non-income distribution events. The market claim lifecycle includes detection of market claim and compensation of market claim, whenever applicable.

Claims are generated by CBF according to the following general criteria:

- Market claims:

Market claims are processed if a security is traded "cum" (with coupon), but settled after the entitlement date. This initiates a market claim cycle of 20 business days. This process is applied for OTC and stock exchange trades (LION).

- With "ex-date -1" processing the claim cycle starts on the ex-date.
- With "record date" processing the claim cycle starts on the record date + 1.

CCP trades are compensated on the entitlement date based on pending gross transactions.

Other claim services are performed for collateralised positions (Xemac®).

Market claims are only processed, if an ex-date is announced for the relevant event. If the field ex-date is blank, no market claim process is applied.

- Reverse claims:

Reverse 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 (LION) and CCP trades. The pre-condition for processing reverse claims is that the record date is after the ex-date.

The reverse claim process is only performed during the night-time processing on record date.

Reverse claims are only processed, if the ex-date is filled for the relevant event. If the ex-date is blank, no reverse claim process will be applied.

In addition and independently from the record date processing, pending instructions may be subject to transformations within the lifecycle of a transaction. This means that pending instructions are transformed before they are settled.

The transformation occurs as a result of a reorganisation event where the ISIN or the nominal of a given security/instrument changes. Transformation is a process by which pending transaction, on or after entitlement date, are cancelled when the final entitlement is known and replaced by new transactions by new trades in which the new ISIN or ratio have been applied. The transformations lifecycle includes detection of transformation, cancellation of underlying instruction and re-instruction, whenever applicable.

Transformations are generated by CBF according to the following general criteria:

- Transformations in cash:

Transformations in cash are processed for reorganisation events where the underlying ISIN is booked out and cash booked, for example a redemption, if on entitlement date pending trades exist.

On the entitlement date of the event, pending trades are identified and the redemption price and the transaction price of the underlying transaction are taken into consideration as follows:

## Corporate actions on-flow

- On the basis of the nominal value of the pending transaction (matched), the redemption price is transferred from the seller to the buyer.
- The transaction price of the pending transaction is transferred from the buyer to the seller.
- The underlying transaction is cancelled due to the transformation.

The transaction price and the redemption price are paid separately, they are not offset against each other.

The transformation in cash (redemption price and transaction price) for matched pending transactions and the deletion of the underlying transaction (matched and unmatched) is done on entitlement date.

- Transformations in securities:

Transformations in securities are processed for reorganisation events where the underlying ISIN is booked out and a new ISIN booked, for example a merger, if on entitlement date pending trades exist.

The transformation is processed by modification of the pending trade (matched or unmatched), thereby the ISIN and/or the nominal value can change. After the pending trade is modified the transaction price is settled. When T2S is introduced, a deletion and a new setup of the trade will be performed.

The modification of pending transactions (matched und unmatched) is processed on entitlement date.

In general, the following standard transaction types are included in the CBF claim and transformation processes on record date:

Transaction type	Market/Reverse claims	Transformations
OTC transactions		
DvP/RvP	Yes	Yes
DFoP/RFoP	Yes	Yes
DwP/RwP	Yes	Yes
PFoD/DELI/RECE	No	No
LION stock exchange trades	Yes	Yes
Eurex CCP gross trades	Yes	Yes
Account transfer RS	Yes	Yes
GBC exchange	Yes	No
GBC re-exchange	Yes	No
Deposit instruction L (Laufende Einlieferung) and V (Valutierung)	Yes <sup>a</sup>	No
Withdrawal instruction A (Laufende Auslieferung) and R (Rahmenkunde)	Yes <sup>a</sup>	No
Cancellation/Booking account transfers	Yes	Yes

a. reverse claims only

For details about the existing processes please refer to the current version of the CBF Compensation Handbook.

Transactions that are not considered in the claim and transformation process are:

- RS transactions only affecting CBF internal position changes (for example, registration);
- Specific transactions where one counterparty is a technical account (for example, mark-up/mark-down, custody instructions generated by CBF);
- Auto-collateralisation instructions (as they are returned before the end of day).

Market claims processed gross (sell and purchase) for domestic clients and processed gross (sell) and net (purchase) for foreign clients. The taxation rules as described in the CBF Compensation Handbook..

The compensation instruction is generated in proceed being distributed by underlying corporate action, e.g. cash, securities or both for distributions involving both types of proceeds. In case of multiple outturns, the compensation instructions will be generated per outturn and will settle independently (no link).

Any discrepancy between the resulting nominal and SUM or MSU will be handled according the CBF rules already described in the section Payment management.

**Note:** The German market developed a functional model to generate PFoDs and integrated tax calculation to fulfil the tax obligations for last paying agents by generating market claims on dividends. CASG approved the model as standard compliant. With participation on T2S (wave 4) the interim solution of CBF Corporate Action event processing on-stock and on-flow described in the present document will be valid until the implementation of the above-mentioned PFoD model foreseen for H2 2018.

## 4.1.1 Recycling rules

T2S executes a recycling and purging procedure for all pending settlement instructions. Any unmatched compensation instructions which have been pending for more than 20 days will be cancelled by T2S in accordance with the ECSDA standards.

The matched instructions which have been pending for more than 40 days will be cancelled by Clearstream.

## 4.2 Opt-out and Cum/Ex-flag

The general record date criteria for the generation of claims can be overruled if the underlying instruction includes one of the following flags:

- Opt-out flag:
  - The flag STCO//NOMC (no market claim) is used to exclude the transaction from any market claim process.  
**Note:** Reverse claims will be processed regardless (irrespective if the underlying event is income or non-income).  
However, for transaction transformations (that is, change ISIN, nominal or both) an exceptional process is applied. The original instruction is cancelled without a new instruction being generated.
  - The opt-out flag is an additional matching criterion. If one of the counterparties has filled the field with any of the above values, the same value has to be included in the counter instruction, otherwise the instruction will not match.
- Cum/Ex-flag:
  - The flag TTCO//XCPN (ex coupon) is used to process the transaction as if it was traded ex coupon (that is, with trade date on or after ex-date) irrespective of the actual trade date indicated within the instruction.
  - The flag TTCO//CCPN (cum coupon) is used to process the transaction as if it was traded cum coupon (that is, with trade date prior to ex-date) irrespective of the actual trade date indicated within the instruction.  
**Note:** The TTCO//CCPN flag is ignored by CBF's claim processes for all transactions in securities for which CBF acts as the issuer CSD. This means that market claims will not be generated even if the flag is set.

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- Like the Opt-Out flag the Cum/Ex-flag is an additional matching criterion where instructions do not match if one counterparty has entered a different value from the other. This applies also to instructions that are flagged TTCO//CCPN, although this value is not considered by CBF in its claim process.

The claim generation process acts according to the following priorities:

- Priority 1: Opt-out flag

If this flag is set to NOMC no market claims will be generated.

The TTCO//NOMC flag overrules the Cum/Ex-flag and the general criteria (trade date and settlement date) for the generation of market claims.

- Priority 2: Cum/Ex-flag

If the flag is set to TTCO//XCPN, this flag overrules the general criteria (trade date and settlement date) for the generation of market and reverse claims.

The flag TTCO//CCPN is ignored and has no influence on the claim process - the general criteria will be applied.

- Priority 3: General criteria

If none of the above flags are set, the claim process will only consider the trade date and the actual settlement date for the generation of market and reverse claims

### 4.3 Income market and reverse claims

The market claims/reverse are generated for the following income event types:

Event ISO type	Corresponding Legacy event type	Description
INTR	110	Interest (only market claims, no reverse claims)
DVCA	120	Dividends
DVCA	121	Funds income
OTHR	125	Other distribution
INTR	126	Participation rights income
ACCU	127	Tax liquidity for accumulating fund (only market claims, no reverse claims)
PRED	141	Partial call up to pool factor (only market claims, no reverse claims)

For interest payments and partial call up to pool factor payments the entitlement date is determined based on the interest date respective the maturity date; for tax liquidity for accumulating funds the fiscal payment date is the entitlement date.

There are two types of interest payments; interest payments for flat bonds and other interest payments:

- For interest payment for flat bonds market claims for stock exchange trades (LION) and market claims for OTC trades are generated.
- For other interest payments only market claims for stock exchange trades (LION) are generated.

Flat bonds are debt instruments that are sold or traded without accrued interest. Following German market practice, interest payments (whether fixed or floating rate) on such bonds are subject to a specific compensation treatment. Unlike the other coupons, the compensation treatment for flat bonds is comparable to the compensation rule that applies to dividend payments.

It follows the trade date accounting model:

- Flat bonds do not accrue interest calculated by the trading systems. A transaction is considered as traded "cum" in this context if the trade day of the transaction is before ex-Date.
- A transaction is considered as traded "ex" in this context if the trade day of the transaction is on or after the Ex-Date.

The interest payment events for such securities include the ex-date in sequence D of the MT564 and in sequence C of the MT566 SWIFT messages and in the details section of the CA Notifications and Confirmations in Xact Web Portal.

Market and reverse claims for other events are processed, if a record date is announced by the issuer or Wertpapier-Mitteilungen (WM). If no record date is announced, the entitlement date is determined as the business date before the ex-date and market claims are processed accordingly.

The payments of market and reverse claims for income distribution events are considered as follows:

- For OTC or stock exchange (LION) transactions settled after the entitlement date and for pending gross CCP transactions, with trade date before ex-date (the transaction was traded "cum"), the distribution payment is transferred from the seller to the buyer.
- In the case of record date processing, for OTC or stock exchange (LION) transactions settled on or before record date with trade date on or after ex-date, (the transaction was traded "ex") the distribution payment is transferred from the buyer to the seller.

Market claims are processed for on entitlement date pending CCP gross trades and settled OTC and stock exchange (LION) transactions after settlement. Reverse claims are processed on record date (=entitlement date) for settled CCP gross trades, OTC and stock exchange (LION) transactions. The pre-condition for record date processing is that a record date is announced in the respective field.

For the time being, the market and reverse claims continue to be instructed on RTGS Accounts in T2 and cleared within the existing CBF's Direct Debit cash clearing cycles DD1 and DD2.

The rules and the processing logic for cash clearing are as follows:

- Cash proceeds from market claims from the daily claim cycle at around 18:30 are credited the next day, but at the earliest on the payment date for the event.
- Cash proceeds from reverse claims from the one-time claims cycle on the record date (EOD) are credited for the next day, but at the earliest on the payment date for the event.

Settlement of income market claims and reverse claims is only reported in ICP mode as follows:

Report channel	Report type	Report	Event included in the report
Xact via SWIFT and Xact File Transfer	Asset servicing	MT564	Yes, reporting per individual ISIN
		MT566	Yes, reporting per individual ISIN DCA is shown in field :97a::CASH//
	Settlement	MT536	n/a
		MT544-547 MT548	n/a n/a
Cash	MT942/950 (Legacy only)	Yes, reporting per individual ISIN	
Xact Web Portal	Asset servicing	-	Yes
	Settlement	-	n/a
T2S connectivity	Settlement	sese.025 CORP	n/a

**Note:** The legacy cash/settlement related reports will remain unchanged and available (e.g. KVG1, KNZI-ID).

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If a non-T2S eligible currency (that is, not Euro) is owed to Clearstream customers, the proceeds will automatically be paid on their linked Clearstream ICSD accounts (e.g. CBFi or CBL) and included in the appropriate reporting of CBL.

### 4.3.1 Xemac® compensations

Market claims for collateralised positions are executed on the entitlement date (ex-date -1 or record date) for interest payments and cash dividends.

Income payments on Xemac® collateral positions (sub-accounts -550) pledged to Bundesbank or another collateral taker via Xemac® will be credited to the collateral provider, as long as the total collateral position is still sufficient to cover any outstanding obligations.

Xemac® payments are confirmed according to the applied payment procedure. The reporting is identical to the one described above for the PFoD (if related to Bunds) and DD cash clearing processes.

If a Xemac® compensation payment leads to a shortfall of the pledged collateral position (for example, if a position is redeemed), the payment will only be made to the collateral provider when the shortfall is eliminated. In such a case, the payment will be included in one of the DD cycles - also for Bund payments.

## 4.4 Non-income market and reverse claims

The market claims/reverse claims are generated for the following non-income event types:

Event ISO type	Corresponding Legacy event type	Description
RHDI	210	Issue of subscription rights
SPLF	211	Stock split
SOFF	211	Spin off
BONU	211	Issue of participation rights
BONU	211	Issue of bonus rights
DVSE	211	Stock dividend
DVOP	211	Dividend option
PINK	211	Payment in kind
SPLF	232 <sup>a</sup>	Change in nominal value/number of units
REDO	235	Redenomination

a. for this event claims are only performed, if the distributed ISIN is the same as underlying.

When the market claim results in outturn securities fractions, the number of securities should be rounded down to the nearest whole number (which is by definition a multiple of the minimum denomination). Today Clearstream supports the following options:

- round up,
- round down,
- round,
- cash in lieu.

However, only round down and cash in lieu options will be applied in T2S following T2S advisory group recommendation. As both options are already supported by Clearstream today, the current fractions handling process remains unchanged as being T2S standards compliant and will be applied to (reverse) market claims.

If the issuer compensates investors for the remaining partial rights with cash, Clearstream (or the Agent) pays cash to customer on its T2 account. By using partial rights (interim securities) in case of occurring fractions, there is a cash in lieu standard process for the German market after a certain period to transfer full partial rights into final ISIN code.

Some issuer/agents and market participants might decide to use fraction shares. Based on the fact that such shares have the smallest technical possible MSU no rounding or cash compensation will be necessary.

The payments of market and reverse claims for non-income distribution events are considered as follows:

- Market claims are processed for:
  - OTC trades and stock exchange trades (LION) settled after entitlement date; and
  - CCP gross trades pending on entitlement date with trade date before ex-date (transaction was traded "cum").

The rights of the underlying security are transferred from the seller to the buyer.

- Reverse claims are only processed for events with record date processing. For OTC trades, stock exchange trade and CCP gross trades booked on record date with trade date on or after ex-date, the rights of the underlying security (transaction was traded "ex") are transferred from the buyer to the seller.

Market claims are processed at entitlement date for pending CCP gross trades and settled OTC and stock exchange trades (LION). Reverse claims are processed at record date for settled CCP gross trades, OTC and stock exchange trades (LION).

After a settled transaction has been identified in RTS or NTS, CBF immediately (on the same day) creates a FoP instruction and forwards it to T2S for settlement. CBF only generates the legs for CBF customer. The counterparty needs to match the instruction. Matching takes place in T2S. The CBF instructions show the following instruction details:

Parameter type	Parameter in CBF and T2S	Comment
Instruction type/Auftragsart	CBF: AA01/02 T2S: sese.023	All instructions are passed on to T2S via sese.023
Transaction Code	CLAI	Transaction type for corporate action activity on-flow, used for both market and reverse claims.
Matching	unmatched	CBF generates the instruction legs (delivery and receipt) separately. Matching takes place.
Trade date	As in the underlying instruction	The trade date will be copied from the underlying instruction
Intended settlement date	Payment date of the event	
Priority	3	High Priority
Partial settlement	NPAR	No partial settlement possible
Linking	-	-

As reverse claims are only processed once per event at the end of the record date, they will settle in NTS processing within T2S; whereas market claims that are generated throughout the day might as well settle within the RTS processing.

If underlying transactions settle partially, CBF will generate one claim instruction per partial settlement.

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Settlement of non-income market claims and reverse claims is reported as follows:

Report channel	Report type	Report	Event included in the report
Xact via SWIFT and Xact File Transfer	Asset servicing	MT564	Yes, reporting per individual ISIN
		MT566	Yes, reporting per individual ISIN DCA is shown in field :97a::CASH//
	Settlement	MT536	Yes, under dummy ISIN
		MT544-547	Yes, under dummy ISIN
MT548		Yes, under dummy ISIN	
Cash	MT942/950 (Legacy only)	n/a	
Xact Web Portal	Asset servicing	-	Yes
	Settlement	-	n/a
T2S connectivity	Settlement	sese.025 CORP	Yes

**Note:** The legacy cash/settlement related reports will remain unchanged and available (e.g. KVDU).

For non-T2S eligible securities owed to Clearstream customers, the proceeds will automatically be paid on their linked Clearstream ICSD accounts (e.g. CBFi or CBL) and included in the appropriate reporting of CBL.

### 4.4.1 Hold and Release feature

Customers can subscribe to a blocking option at account level to have any claim delivery instructions (FoP) generated by CBF with a status party on hold by default. To release those delivery instructions, customers can do it via CASCADE PC or by sending the MT530 (ICP customer) or sese.030 (DCP customer). In addition, the "Hold and Release" functionality will also be available in Xact Web Portal. Xact Web Portal will offer advanced search features. This service is subject to a subscription and available for market claim instruction (FOP) only in case of non-income event and when the customer is the seller. Blocking option is not available for reverse market claims.

## 4.5 Market and reverse claims reporting

All reports subscriptions are captured for CBF customers with their safekeeping account (97A::SAFE//) and at sub-account level.

### 4.5.1 OneClearstream Asset servicing reporting

The table below summarises all MT56x messages providing information on market claims and reverse market claims. In addition to those ISO messages, those reports are also available in pdf, xml and xls formats. Further details on supported fields, available formats and scheduling options for the above-mentioned reports are described in the related connectivity guide and report timings matrix.

Report purpose	Reports	Comments/specific features
Detection of market and reverse claim	MT564 Market Claim Advice :23G:ADDB :22F::ADDB//CLAI in sequence D :20C::OneClearstream CORP ID :13A::LINK and :20C::PREV with linkage to previous MT564 REPE :20C::RELA with reference to the underlying instruction.	Available upon subscription to MT564 Claim and Reversal Advice from November 2017 Only for market claims or reverse market claims being compensated by Clearstream.
Cancellation of detected market and reverse claim	MT564 Market Claim Cancellation Advice :23G:CANC :22F::ADDB//CLAI in sequence D :20C::OneClearstream CORP ID :13A::LINK and :20C::PREV with linkage to previous MT564 REPE :20C::RELA with reference to the underlying instruction.	Available upon subscription to MT564 Claim and Reversal Advice from November 2017 Only for market claims or reverse market claims being compensated by Clearstream., but cancelled.
Confirmation of compensated market and reverse claim	MT566 Corporate Action Confirmation :23G:NEWM :22F::ADDB//CLAI in sequence C :20C::OneClearstream CORP ID :13A::LINK and :20C::PREV with linkage to previous MT564 REPE :20C::RELA with reference to the underlying instruction.	Available upon subscription to MT566 CA Confirmation. Covers both market claims and reverse market claims.

**(NEW)** The Market Claim Advice (MT564 ADDB with ADDB//CLAI) is the new report to advise the customers on a detected market/reverse claim being subject to compensation by Clearstream.

The Market Claim Advice is generated whenever the market claims is detected and includes the following information:

- Reference of a corporate action (CORP)
- Link to the previous MT566 (LINK and PREV)
- Reference of the underlying settlement instruction (RELA)

To receive the Market Claim Advice, customers must subscribe to the Claim and Reversal Advice MT564 ADDB.

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**(NEW)** The Market Claim Cancellation Advice (MT564 CANC with ADDB//CLAI) is the new report to advise the customers on a cancelled market/reverse claim.

When an event is cancelled, customers will receive two messages:

- MT564 CANC for the event that has been cancelled; and
- MT564 CANC for the claim that has been cancelled as linked to the cancelled event.

The Market Claim Cancellation includes the following information:

- Reference of a corporate action (CORP)
- Link to the previous MT564 ADDB (LINK and PREV)
- Reference of the underlying settlement instruction (RELA)

To receive the Market Claim Cancellation Advice, customers must subscribe to the Claim and Reversal Advice MT564 ADDB.

The Market Claim Confirmation (MT566 NEWM with ADDB//CLAI) confirms to customers a successful compensation of market/reverse claim.

The Market Claim Confirmation is generated and transmitted to customers for income and non-income events. Confirmations will be sent after either T2S has confirmed settlement of claim instruction (FoP or PFoD) or TARGET2 has confirmed cash settlement on the RTGS accounts cleared within the Direct Debit cycles.

**(NEW)** The Market Claim Confirmation includes the following information:

- Reference of a corporate action (CORP)
- Link to the previous MT564 REPE (LINK and PREV)
- Reference of the underlying settlement instruction (RELA)

To receive the Market Claim Confirmation, the customers must subscribe to the generic Corporate Action Confirmation (MT566).

In order to identify the compensation element as well as the type of the underlying transaction, CBF states the respective information in MT56x (70E::TXNR//) as follows:

- MARKET CLAIM OF OTC TRADE
- REVERSE CLAIM OF OTC TRADE
- MARKET CLAIM OF SE TRADE
- REVERSE CLAIM OF SE TRADE
- MARKET CLAIM OF CCP GROSS TRADE
- REVERSE CLAIM OF CCP GROSS TRADE
- MARKET CLAIM OF EUREX EXERCISE
- REVERSE CLAIM OF EUREX EXERCISE
- NCB-SUSPENSION
- NCB-SUSPENSION TERMINATION
- XEMAC-TRANSFER

## 4.5.2 Referencing in MT564

The following references of the instructions are applied in the MT564 Market/Reverse Claim Advice:

- For LION transactions, the LION trade number (GESCH - NR) is the main indicator for the underlying LION trade within MT564 messages (field: 20C::RELA)
- For OTC transactions, T2S ACTOR REF is the main indicator for the underlying OTC within MT564 messages (field :20C::RELA)

Within the underlying instructions the T2S ACTOR REF is identical to the AUFTR-REF if the customer has entered it in their ICP mode instruction. If the AUFTR-REF is not indicated in the instruction, the OneClearstreamID (up to 16-digit reference applied by CBF) will be taken as T2S ACTOR REF.

For instructions passed in DCP mode, the T2S ACTOR REF is a mandatory field to be filled by the customer. It will be taken as AUFTR-REF and T2S ACTOR REF in CASCADE.

CASCADE takes the T2S ACTOR REF from the customer instructions as follows:

- From field :20C::SEME (ISO 15022 instructions);
- From field <TxID> (ISO 20022 instructions).

Whenever a market and reverse claim generated by CBF settles in T2S, the MT564 Market/Reverse Claim Advice will include the following references:

- The T2S ACTOR REF is generated by CBF using the OneClearstream ID in field :20C::SEME;
- The CBF BIC (starting with DAKVDEFF) will be indicated within the header of the message as sender BIC.

Trade details reported within the MT568 RMDR field :70E::ADTX Additional Text for voluntary events on pending instructions will be enhanced by the new T2S instruction types DwP/RwP.

Whenever PARTY HOLD STATUS is used it contains the numerical status indicator.

The figure below shows the content of the additional text field :70E::

Field no.	Field name	Field description	Format
F1 (1-3)	Transaction type	RSE: Receipt stock exchange DSE: Delivery stock exchange RvP OTC DvP OTC RfP OTC RwP DwP	3 character alphabetical
F2 (5-13)	Trade reference	AUFTR-NR (OTC) GESCH-NR (LION)	9-digit numeric
F3 (15-18)	G-KTO (for DELI leg) L-KTO (for RECE leg)	CBF account master number of the counterparty	4-digit numeric
F4 (20-22)	Status	Digit 1: Party hold status  Digit 2-3 CBF Auftragsart (instruction type)	1-digit numeric (blank, if not available) 2-digit numeric
F5 (24-33)	Nominal	Nominal amount of instruction	10-digit numeric, no decimals
F6 (34)	Matching	M for matched N for not matched	1 character alphabetical

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## 4.5.3 Referencing in MT566

The referencing of MT566 messages for income market and reverse claims is identical to the one for the respective MT564 messages; that is:

MT566 field (ADDB/CLAI)	CASCADE field in underlying OTC instruction	CASCADE field in underlying LION trade
:20C::RELA	AUFTR-REF	GESCH-NR
:70E:: TR RELA	AUFTR-RNR	GESCH-NR
:70E:: OWN REF	REFERENZ-NR (if available)	n/a
;70E:: TR RELA T2S	T2S-ACTOR-REFERENCE	T2S-ACTOR-REFERENCE

Also in MT566 messages on non-income securities distributions, references of the respective underlying transaction and the new FoP claim instruction are included:

MT566 field (ADDB/CLAI)	CASCADE field in underlying OTC instruction and claim	CASCADE field in underlying LION trade and claim
:20C::RELA	Underlying instruction: AUFTR-REF	Underlying trade: GESCH-NR
:70E:: TR RELA	Claim instruction: AUFTR-RNR	Claim instruction: AUFTR-NR
:70E:: TRADE REF T2S	Claim instruction: T2S-ACTOR-REF (OneClearstreamID)	Claim instruction: T2S-ACTOR-REF (OneClearstreamID)
:70E:: TR RELA	Underlying instruction: AUFTR-Nr	Underlying trade: GESCH-NR
:70E:: OWN REF	Underlying instruction: REFERENZ-NR	n/a
;70E:: TR RELA T2S	Underlying instruction: T2S-ACTOR-REFERENCE	Underlying trade: T2S-ACTOR-REFERENCE

The Market Infrastructure Transaction Identification (MITI) reference is already reported in the settlement messages and made available in Xact Web Portal and planned to be introduced in the MT566 messages at the later stage.

Further details on supported fields, available formats and scheduling options for the above-mentioned reports are described in the related SWIFT connectivity guide and report timings matrix.

## 4.5.4 Other OneClearstream value-added reporting

### 4.5.4.4 Custody Market Claim report

The Custody Market Claim report (pdf, xls, xml) provides the customers with the full list of detected market claims and reverse market claims, being or not subject to compensation, and shows the following statuses:

- Pending
- To be compensated
- Awaiting local market feedback
- No compensation by Clearstream
- Compensated
- Cancelled
- Expired

The Custody Market Claim Report is available to customers upon subscription.

## 4.5.4.5 Xact Web Portal features

The detected, cancelled and compensated market claims and reverse market claims are also visible in Xact Web Portal with an advanced search feature. Further details on various Xact Web Portal features are described in the related Connectivity guide.

## 4.5.5 Ancillary reporting

On top of the asset servicing reporting, for booked market claims the customers receive the settlement reporting (MT544-7, MT548), Statements of Transactions (MT536, MT537) and cash reporting (MT942, MT950) as well as via the existing legacy on-line/printable reports (e.g. KNZI-IK, KVGI).

Those reporting includes an additional information relevant to market/reverse claims to ease the reconciliation at customer side.

## 4.6 Transformations in cash

Transformations in cash are processed for mandatory income events if the security of the underlying instruction cannot be delivered after record date; for example, due to redemption.

Transformations in cash are done for the following events:

Event ISO type	Corresponding Legacy event type	Description
DVOP	120	Dividend payments in case of dividend options (payment on cash line)
EXWA	122	Warrant exercise
TEND	123	Squeeze out
EXOF	124	Pay-Off/Buyback of Shares
REDM	130	Full redemption
REDM	131	Redemption of participation rights
REDM	133	Liquidation
REDM	134	Cash compensation for redemption in securities
REDM	140 <sup>a</sup>	Partial call (with reduction of nominal value)
REDM	222	Write off worthless securities (no transformation of redemption price)

a. for this event no payment of the transaction price is processed, instead a transformation of the pending trade is performed.

For a transformation in cash, pending matched trades on entitlement date are identified the redemption amount and the transaction amount of the underlying transaction are taken into consideration as follows:

- On the basis of the nominal value of the pending transaction, the redemption price is transferred from the seller to the buyer.
- The transaction price of the pending matched (DvP) transaction is transferred from the buyer to the seller.
- The transaction price of the pending matched (DwP) transaction is transferred from seller to buyer.
- The underlying transaction is cancelled due to the transformation.

The transaction price and the redemption price are paid separately, that is they are not offset against each other. The pending matched trades in underlying ISIN would be transformed within next 20 business days from the entitlement date of the event as per the rules stated above.

The cancellation is performed for matched pending transactions from entitlement date until 20 business days after.

For the time being, payment of both, the redemption and the transaction continue to be instructed on RTGS Accounts in T2 and cleared within the existing via CBF's Direct Debit cash clearing cycles DD1 and DD2.

The rules and processing logic for cash processing is as follows:

- Cash bookings from transformation that are generated as a result of daily transformation run (from record date until 20 BD) after 18:00 are booked next day but earliest as payment day of the event. (In the re-organisation event the payment date is usually the next working day after Record Date)

- Transformation process could result into two cash instructions: For redemption price as well as for the Transaction Price (In case of DvP/RvP as well as DwP/RwP trades).

Please note that the full transformation process - cancellation of the instruction and payment of the transaction and/or the redemption amount - is only applied to matched OTC instructions. If OTC instructions are not matched they will stay on T2S for 20 business days without payments being initiated. If the matching has still not taken place after 20 business days, then the instruction leg will be cancelled by T2S.

Transformations in cash will be reported in ICP mode only as follows:

Report channel	Report type	Report	Event included in the report
Xact via SWIFT and Xact File Transfer	Asset servicing	MT564	n/a
		MT566	n/a
	Settlement	MT536	n/a
		MT544-547	n/a
		MT548	n/a
	Cash	MT942/950 (Legacy only)	Yes, under dummy ISIN
Xact Web Portal	Asset servicing	-	n/a
	Settlement	-	n/a
T2S connectivity	Settlement	sese.025 CORP	n/a

**Note:** The legacy cash/settlement related reports will remain unchanged and available (e.g. KNZI, KVGI-KO, KVGI-AB).

When a non-T2S eligible currency (that is, not Euros) is owed to Clearstream customers, the proceeds will automatically be paid to their linked Clearstream ICSD accounts (e.g. CBFi or CBL) and included in the appropriate reporting of CBL.

## 4.7 Transformations in securities

Transformations in securities are processed for events that involve the change of the nominal amount and/or ISIN without compensation in cash.

Transformations in securities are processed, for the following non-income event types:

Event ISO type	Corresponding Legacy event type	Description
REDM	231	Redemption in securities
CONV	232	Conversion of shares
MRGR	232	Merger
SPLR	232	Reverse stock split
DECR	232	Capital decrease
CHAN	232	Reclassification
PARI	232	Pari-passu
REDO	232	Redenomination

Reorganisation events with securities proceeds are events where the underlying ISIN is booked out and a new ISIN is booked.

The transformation is processed by cancellation of the underlying pending matched trade and re-instructing a new trade with changed ISIN and/or Nominal.

The transformation of the pending trade (matched) is performed from entitlement day until 20 business days after.

Processing of modification of pending matched trades is performed at the start of day beginning on entitlement date. The first settlement attempt will happen in NTS. This process is repeated for the transformation period (until 20 BD after entitlement date).

CBF forwards the cancellations of the underlying instructions to T2S prior to the following NTS so that they cannot settle any longer. At the same time, the new instructions from the transformation process are forwarded to T2S in time so that they can settle in NTS. Apart from the amended instruction details they include the attributes of the original instruction and the following specific parameters:

Parameter type	Parameter in CBF and T2S	Comment
Instruction type/Auftragsart	As in the underlying instruction	The new transformation instruction shows the same instruction type as the underlying instruction
Transaction Condition	TRAN	Transformation instructions generated by CBF show the transaction condition TRAN (transformation)
Matching	unmatched	CBF generates the instruction legs (delivery and receipt) separately. Matching takes place in T2S.
Trade date	As in the underlying instruction	The trade date will be copied from the underlying instruction
Intended settlement date	The latest date between the payment date of the entitlement and the intended settlement date of the underlying transaction	

Parameter type	Parameter in CBF and T2S	Comment
Priority	As in the underlying instruction	The priority flag will be copied from the underlying instruction
Partial settlement	As in the underlying instruction	The Partial settlement flag will be copied from the underlying instruction
Linking	no linking	Links within the underlying transaction cannot be taken over within the transformed instruction

Transformation instructions are reported as follows:

Report channel	Report type	Report	Event included in the report
Xact via SWIFT and Xact File Transfer	Asset servicing	MT564	n/a
		MT566	n/a
	Settlement	MT536	n/a
		MT544-547	n/a
		MT548	Yes
Cash	MT942/950 (Legacy only)	n/a	
Xact Web Portal	Asset servicing	-	n/a
	Settlement	-	Yes
T2S connectivity	Settlement	sese.025 CORP	Yes

**Note:** The legacy cash/settlement related reports will remain unchanged and available (e.g. KVDU).

When non-T2S eligible securities are owed to Clearstream customers, the proceeds will automatically be paid to their linked Clearstream ICSD accounts (e.g. CBFi or CBL) and included in the appropriate reporting of CBL.

Transformations are not processed on regular pending FoP transactions in registered shares. The transactions are only cancelled without generating a new instruction. In contrast to this, transformations on registered shares are processed in the following cases:

- For transactions for introduction of new issue (E), de-registration (B) and account transfer (P)
- For events BONU, DVOP and SPLF.

For any transactions with or against payment (DvP/RvP, DwP/RwP) regular transformations are processed.

## 4.8 Transformations in securities and cash

Transformations in securities and cash are processed for mandatory events where a payment is involved as well as the adjustment of the nominal amount and/or ISIN.

Transformations in securities and cash are processed for the following events:

Event ISO type	Corresponding Legacy event type	Description
PCAL	140	Partial call
PCAL	223	Partial call

For those events the securities positions will be adjusted as for the transformations in securities - impacted pending instructions will be cancelled at the end of the record date and new instructions be generated and forwarded to T2S by CBF.

Payments of redemption price will be cleared via the CBF DD cycles DD1 and.

## 4.9 Transformations related reporting

All reports' subscriptions are captured for CBF customers with their safekeeping account (97A::SAFE//) and at sub account level.

### 4.9.1 OneClearstream Asset servicing reporting

As per CAJWG standards, the transformations are not subject to corporate action reporting.

### 4.9.2 Other OneClearstream added value reporting

#### 4.9.2.1 Xact Web Portal features

The cancellations and re-instructions due to transformations are also visible in Xact Web Portal with an advanced search feature. Further details on various Xact Web Portal features are described in the related Connectivity guide.

### 4.9.3 Ancillary reporting

For transformations, customers will receive the settlement reporting (MT544-7, MT548), statements of Transactions (MT536, MT537) and cash reporting (MT940, MT942, MT950) as well as via the existing legacy on-line/printable reports (e.g. KNZI, KVDU).

This reporting includes an additional information relevant to corporate actions to ease the reconciliation at customer side.

## 4.10 Buyer protection

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.

The German market has opted for the Manual Buyer Protection mechanism in line with the T2S corporate action standards. To facilitate the buyer protection process, the CASG compliant buyer protection invocation template is available on the Clearstream website.

A full service description is available in announcement [D15019](#).

## 5. Tax Services

OneClearstream tax services remain unchanged from existing service levels.

Query functionalities will be available via the Xact Web Portal e.g. for status of tax reclaims. In addition, requests for issuing German Tax Voucher can be started via the Xact Web Portal.

Existing list reports (e.g. KD127 - short entitlement and KD184 - tax credit reports) continue to be supported for OneClearstream customers through the Xact Web Portal in PDF.

Clearstream, as tax agent for German withholding tax, will adapt its processes for the German market to comply with the new requirements linked to the implementation of the Reform of the German Investment Tax Act (Investmentsteuergesetz). Specific announcements to customers will be published in due course.

## 6. Proxy Voting

Clearstream provides for the German market an elective proxy voting service to customers (or to any third party appointed by the customer in accordance with a power of attorney) for equities and bonds held in custody with different service levels as follows:

- A proxy voting service via Institutional Shareholder Services (ISS), available on a subscription basis; and
- A proxy voting service via Clearstream.

The primary information source for German meetings regarded as complete information basis, is the Official Bulletin (Bundesanzeiger - German Federal Gazette), the issuing companies are secondary sources.

CBF's customers can obtain pre-advice of forthcoming AGMs/EGMs and can benefit from proxy voting services, such as the exercise of voting rights.

Customers having subscribed to ISS service, have the possibility to receive meeting notifications through the online platform Proxy Exchange (PX) or to receive the meeting notifications (including summary agenda) through ISO 15022 SWIFT (MT564) and ISO 20022.

Clearstream sends Meeting notifications (including summary agenda) via proprietary Xact Web Portal and ISO 15022 SWIFT (MT564).

CBF acting as CSD collects all customer vote instructions and passes them on to the Issuer Agents.

Meeting results are provided by the primary information source for German meetings (Bundesanzeiger) and the issuing companies. Customers having subscribed to ISS service, will be able to view the meeting results online on PX. Clearstream sends meeting results through MT568, upon request.

A full service description is available on the [Clearstream website](#).

Customers who use an external source for the Proxy voting service, have a possibility to deselect meeting notifications from their reporting through their Xact Web Portal subscription. Customers also have the option to partially opt out by filtering on meeting type.

### 6.1 Meeting notification ISO types

The following meeting event indicators are possible in the meeting notification:

Event ISO type	Event type
<b>(NEW)</b> MEET	Annual / Ordinary General Meeting <sup>a</sup>
XMET	Extraordinary General Meeting
<b>(NEW)</b> CMET	Court Meeting
<b>(NEW)</b> BMET	Bond Holder Meeting

a. MEET replaces OMET.

Clearstream supports the following codes to define available options of the meeting event:

Option ISO type	Option description
NOAC	The default option in the event that no instructions are received
CONY	Execute a for vote across all resolutions
CONN	Execute an against vote across all resolutions
SPLI	Option to give a split instruction

## 6.2 Proxy voting via ISS

The main features of the ISS proxy voting service are as follows:

- Notification of meeting events via a proprietary Web Browser Based Interface application or via SWIFT (ISO 15022 or ISO 20022);
- Provision of meeting agendas when available by default;
- Handling of proxy voting instructions, including the support of standing instructions by market;
- Split and partial voting, where permitted by the Issuer and/or by the market, via the proprietary Web Browser Based Interface application;
- Delivery of entry or admission cards for meetings;
- Re-registration of registered shares, if applicable;
- Blocking of securities, if applicable;
- Reporting of voting results, when available;
- Power of attorney for voting management with reminder issuance.

### 6.2.1 Customised ISS proxy voting service

Customers may, for each relevant account ("relevant account"), tailor the provision of proxy voting services by selecting or de-selecting at any time the proxy voting services based on a list of countries where meetings will take place (and that may be different from the country of issue or of the issuer).

For countries de-selected by the customer for a relevant account, no meeting notifications will be provided for such relevant account as from the time of de-selection.

### 6.2.2 Content of proxy voting instructions

Customers subscribed to the ISS proxy voting service can send proxy voting instructions to ISS via authenticated SWIFT (ISO 15022 or ISO 20022) messages or via the proprietary Web Browser Based Interface application. Instructions sent via authenticated SWIFT format must follow the Xact via SWIFT user guide. When a free format instruction is sent, the following information is mandatory:

- Corporate actions reference ID;
- Corporate action event description;
- Customer account number;
- ISIN and issue name;
- Amount/quantity being voted upon;
- Description of the action to be taken;
- Customer's contact person and references, including a telephone number.

### 6.2.3 Sending of proxy voting instructions

Customers can send instructions up to the deadline as communicated within the meeting notification. Instructions received after the deadline will be executed on a "best efforts" basis.

Blocking of positions occurs where it is a market or Issuer requirement. Blocking commences when the instruction is submitted to the local market representative, the agent or the depository and continues until authorisation has been received to unblock from the applicable aforementioned party.

# Proxy Voting

## 6.2.4 Cancellation and replacement of previous instructions

If instructions have already been processed and forwarded to the local market, the agent or the depository, the cancellation request will be handled on a "best efforts" basis. To replace an instruction already sent via SWIFT (ISO 15022 or ISO 20022), customers must send a cancellation message via a formatted instruction before sending a new instruction. Clearstream provides no guarantee as to the execution of such cancellation request and under no circumstances will it be liable for any loss or damage caused by a customer's failure to comply with the cancellation and replacement procedure.

## 6.3 Proxy voting via Clearstream

The main features of the Clearstream proxy voting service are as follows:

- Notification of meeting events via proprietary Xact Web Portal and via SWIFT (MT564);
- Delivery of meeting agendas, upon request via proprietary Xact Web Portal and via SWIFT (MT564);
- Handling of proxy voting instructions;
- Delivery of entry or admission cards for meetings, upon request;
- Blocking of securities, if applicable;
- Reporting of voting results, upon request.

### 6.3.1 Content and format of proxy voting instructions

Customers subscribed to Clearstream proxy voting service can send their proxy voting instructions to Clearstream via authenticated SWIFT (ISO 15022) messages (MT565) or via the proprietary Xact Web Portal. For instructions on defaulted securities please send your instruction to the attention of OEB department. All other instructions to the attention of PCP department.

Instructions sent via authenticated SWIFT format must follow the Xact via SWIFT user guide. In cases a free format instruction is sent, the following information is mandatory:

- Corporate actions reference ID;
- Corporate action event description;
- Customer account number;
- ISIN and issue name;
- Amount/quantity being voted upon;
- Description of the action to be taken;
- Customer's contact person and references, including a telephone number.

Customers must include only one instruction option per authenticated SWIFT communication message (that is, one nominal amount and a single option for a single account number). No Action (NOAC) instructions are considered as an option. If a message is received from a customer that includes more than one instruction, or if the additional text field on a formatted message includes an instruction that contradicts the instruction given in the structured fields, Clearstream cannot be held responsible for any loss or damage caused. Clearstream reserves the right to reject message instructions not formatted as per recommendations.

### 6.3.2 Sending of proxy voting instructions

The final instruction deadline for proxy voting events varies from market to market. Customers can send instructions up to the deadline as communicated within the meeting notification. Instructions received after the deadline will be executed on a "best efforts" basis.

Blocking of positions occurs where it is a market or Issuer requirement. Blocking commences when the instruction is submitted to the local market representative, the agent or the depository and continues until authorisation has been received to unblock from the applicable aforementioned party.

### **6.3.3 Cancellation and replacement of previous instructions**

If instructions have already been processed and forwarded to the local market, the agent or the depository, the cancellation request will be handled on a “best efforts” basis. To replace an instruction already sent via SWIFT (ISO 15022), customers must send a cancellation message via a formatted instruction before sending a new instruction. Clearstream provides no guarantee as to the execution of such cancellation request and under no circumstances will it be liable for any loss or damage caused by a customer’s failure to comply with the cancellation and replacement procedure.

## 7. Glossary

Clearstream Banking's TARGET2-Securities Glossary is available on the [Clearstream website](#).

## 8. Asset servicing messages samples

### Legacy versus OneClearstream

# Asset servicing messages samples

## 8.1 MT564 NEWM example for Interest payment (INTR) - Germany

Legacy MT564	OneClearstream MT564
:16R: GENL	:16R:GENL
:20C::CORP//1100000020170402	:20C::CORP//0000000385313144
:20C::SEME//K73G064436320742	:20C::SEME//000000224616177S
:23G: NEWM	:23G:NEWM
:22F::CAEV//INTR	:22F::CAEV//INTR
:22F::CAMV//MAND	:22F::CAMV//MAND
:98C::PREP//20170316064436	:98C::PREP//20170227002622
:25D::PROC//COMP	:25D::PROC//COMP
:16S: GENL	:16S: GENL
:16R: USECU	:16R: USECU
:35B: ISIN DE000A1MLXN3 DAIMLER AG.MTN 12/19	:35B: ISIN DE000A1MLXN3 /XS/076506736 EUR 2,625 DAIMLERAG (REGS) 12-2019
:16R: FIA	:16R:FIA
:22F::MICO//A006	:22F::MICO//A006
:11A::DENO//EUR	:11A::DENO//EUR
:16S: FIA	:92A::PRFC//1, :36B::MINO//FAMT/1000, :16S: FIA
:16R: ACCTINFO	:16R: ACCTINFO
:97A::SAFE//XXXX0000	:97A::SAFE//XXXX0000
:93B::ELIG//FAMT/500000,	:94F::SAFE//NCSD/DAKVDEFFXXX
:93B::SETT//FAMT/500000,	:93B::ELIG//FAMT/49350000, :93B::SETT//FAMT/49350000,
:16S: ACCTINFO	:16S: ACCTINFO
:16S: USECU	:16S: USECU
:16R: CADETL	:16R: CADETL
:98A::RDTE//20170331	:98A::ANOU//20160402 :98A::RDTE//20170331
:99A::DAAC//365	:69A::INPE//20160402/20170402 :99A::DAAC//365
:92A::INTR//2,625	:92A::INTR//2,625
:16S: CADETL	:16S: CADETL
:16R: CAOPTN	:16R: CAOPTN
:13A::CAON//001	:13A::CAON//001
:22F::CAOP//CASH	:22F::CAOP//CASH
:17B::DFLT//Y	:11A::OPTN//EUR :17B::DFLT//Y
:16R: CASHMOVE	:16R: CASHMOVE
:16S: ACCTINFO	:22H::CRDB//CRED
:16S: USECU	:97A::CASH//CDEURBNPADEFFFTGTCTBFXXXXXXXX
:16R: CADETL	:98A::PAYD//20170403
:98A::RDTE//20170331	:98A::VALU//20170403
:99A::DAAC//365	:98A::EARL//20170403
:92A::INTR//2,625	:92A::INTP//2,625
:16S: CADETL	:92A::TAXR//0, :16S: CASHMOVE
:16R: CAOPTN	:16S: CAOPTN
:13A::CAON//001	:16R: ADDINFO
:22F::CAOP//CASH	:70E::PACO//ATTENTION: SECURITIES ADM/CORPORATE ACTIONS/REORG
:17B::DFLT//Y	:70E::PACO//FOR INQUIRIES PLEASE CONTACT YOUR REGULAR CUSTOMER SUPPORT TEAM
:16R: CASHMOVE	:16S:ADDINFO
CITIGROUP CENTRE,CANADA SQUARE GB-LONDON E14 5LB	
:16S: ADDINFO	

## 8.2 MT564 REPE example for Interest payment (INTR) - Germany

Legacy MT564	OneClearstream MT564
:16R: GENL	:16R:GENL
:20C::CORP//1100000020170402	:20C::CORP//0000000384691659
:20C::SEME//K73V2348466C3AB2	:20C::SEME//000000228682827S
:23G: REPE	:23G: REPE
:22F::CAEV//INTR	:22F::CAEV//INTR
:22F::CAMV//MAND	:22F::CAMV//MAND
:98C::PREP//20170331234846	:98C::PREP//20170323023343
:25D::PROC//COMP	:25D::PROC//PREU
:16R: LINK	:16R: LINK
:20C::CORP//1100000020170402	:20C::PREV//000000228384289S
:16S: LINK	:16S: LINK
:16R: LINK	
:20C::PREV//NONREF	
:16S: LINK	
:16S: GENL	:16S: GENL
:16R: USECU	:16R: USECU
:35B: ISIN DE000A1MLXN3	:35B: ISIN DE000DZ1JQU8
DAIMLER AG.MTN 12/19	/XS/087312097
	EUR 1,00 DZ BANK AG - FFT 13-2018
:16R: FIA	:16R: FIA
:22F::MICO//A006	:22F::MICO//A006
:11A::DENO//EUR	:11A::DENO//EUR
	:92A::PRFC//1,
	:36B::MINO//FAMT/1000,
:16S: FIA	:16S: FIA
:16R: ACCTINFO	:16R: ACCTINFO
:97A::SAFE//XXXX0000	:97A::SAFE//XXXX0000
	:94F::SAFE//NCS/DKAVDEFFXXX
:93B::ELIG//FAMT/500000,	:93B::ELIG//FAMT/2000000,
:93B::SETT//FAMT/500000,	:93B::SETT//FAMT/2000000,
:16S: ACCTINFO	:16S: ACCTINFO
:16S: USECU	:16S: USECU
:16R: CADETL	:16R: CADETL
	:98A::ANOU//20170321
:98A::RDTE//20170331	:98A::RDTE//20170329
	:69A::INPE//20160330/20170330
:99A::DAAC//365	:99A::DAAC//365
:92A::INTR//2,625	:92A::INTR//1,
	:22F::ADDB//CAPA
:16S: CADETL	:16S: CADETL
:16R: CAOPTN	:16R: CAOPTN
:13A::CAON//001	:13A::CAON//001
:22F::CAOP//CASH	:22F::CAOP//CASH
	:11A::OPTN//EUR
:17B::DFLT//Y	:17B::DFLT//Y
:16R: CASHMOVE	:16R: CASHMOVE
:22H::CRDB//CRED	:22H::CRDB//CRED
:97A::CASH//XXXX0000	:97A::CASH//CDEEURBNPADEFFFTGTCTCBFXXXXXXXX
:19B::ENTL//EUR13125,	:19B::ENTL//EUR20000,
:19B::GRSS//EUR13125,	
	:19B::TXFR//EUR20000,
	:19B::NETT//EUR20000,
:98A::PAYD//20170403	:98A::PAYD//20170330
:98A::VALU//20170403	:98A::VALU//20170330

## Asset servicing messages samples

```
:92A::INTP//2,6250000000
:92J::GRSS//TXFR/EUR2,6250000000/ACTU
:16S: CASHMOVE
:16S: CAOPTN
:16R: ADDINFO
:70E::ADTX//KADI-LFNR 74293
:95Q::PAYA//CITIBANK N.A.
      CITIGROUP CENTRE,CANADA SQUARE
      GB-LONDON E14 5LB
:16S: ADDINFO
```

---

```
:98A::EARL//20170330
:92A::INTP//1,
:92A::TAXR//0,
:16S: CASHMOVE
:16S: CAOPTN
```

## 8.3 MT566 NEWM example for Interest payment (INTR) - Germany

Legacy MT566	OneClearstream MT566
:16R: GENL	:16R: GENL
:20C::CORP//1100000020170402	:20C::CORP//0000000385313144
:20C::SEME//KAD3102212902768	:20C::SEME//000000145916623Z
:23G: NEWM	:23G: NEWM
:22F::CAEV//INTR	:22F::CAEV//INTR
:98C::PREP//20170403102212	:98C::PREP//20170403080552
	:16R:LINK
	:13A::LINK//564
	:20C::PREV//000000230267266S
	:16S: LINK
:16S: GENL	:16S: GENL
:16R: USECU	:16R: USECU
:97A::SAFE//XXXX0000	:97A::SAFE//XXXX0000
	:94F::SAFE//NCSD/DAKVDEFFXXX
:35B: ISIN DE000A1MLXN3	:35B:ISIN DE000A1MLXN3
DAIMLER AG.MTN 12/19	EUR 2,625 DAIMLER AG (REGS) 12-2019
:16R: FIA	:16R: FIA
:22F::MICO//A006	:22F::MICO//A006
:11A::DENO//EUR	:11A::DENO//EUR
	:92A::PRFC//1,
	:36B::MINO//FAMT/1000,
:16S: FIA	:16S: FIA
:93B::ELIG//FAMT/500000,	
:93B::SETT//FAMT/500000,	
:93B::CONB//FAMT/500000,	:93B::CONB//FAMT/700000,
:16S: USECU	:16S: USECU
:16R: CADETL	:16R: CADETL
	:98A::ANOU//20160402
:98A::RDTE//20170331	:98A::RDTE//20170331
	:69A::INPE//20160402/20170402
:99A::DAAC//365	:99A::DAAC//365
:92A::INTR//2,625	:92A::INTR//2,625
:16S: CADETL	:16S: CADETL
:16R: CACONF	:16R: CACONF
:13A::CAON//001	:13A::CAON//001
:22H::CAOP//CASH	:22F::CAOP//CASH
:16R: CASHMOVE	:16R:CASHMOVE
:22H::CRDB//CRED	:22H::CRDB//CRED
:97A::CASH//XXXX0000	:97A::CASH//CDEEURBNPADEFFTGTCBFXXXXXXX
:19B::PSTA//EUR13125,	:19B::PSTA//EUR18375,
:19B::GRSS//EUR13125,	:19B::GRSS//EUR18375,
	:19B::NETT//EUR18375,
:98A::POST//20170403	:98A::POST//20170403
:98A::VALU//20170403	:98A::VALU//20170403
:98A::PAYD//20170403	:98A::PAYD//20170403
:92A::INTP//2,6250000000	:92A::TAXR//0,
:92J::GRSS//TXFR/EUR2,6250000000/ACTU	:92A::INTP//2,625
:16S: CASHMOVE	:16S: CASHMOVE
:16S: CACONF	:16S: CACONF
:16R: ADDINFO	:16R: ADDINFO
:70E::ADTX//KADI-LFNR 74293	:70E::TXNR//INTRCRED DE000A1MLXN3 03APR17
:95Q::PAYA//CITIBANK N.A.	OIF QTY 700000
CITIGROUP CENTRE,CANADA SQUARE	:16S: ADDINFO
GB-LONDON E14 5LB	
:16S: ADDINFO	

# Asset servicing messages samples

## 8.4 MT564 NEWM example for Redemption payment (REDM) - Germany

Legacy MT564	OneClearstream MT564
:16R: GENL	:16R: GENL
:20C::CORP//1302017030228100	:20C::CORP//0000000385332645
:20C::SEME//K73923305115D75Q	:20C::SEME//000000224145196S
:23G: NEWM	:23G: NEWM
:22F::CAEV//REDM	:22F::CAEV//REDM
:22F::CAMV//MAND	:22F::CAMV//MAND
:98C::PREP//20170309233051	:98C::PREP//20170223005744
:25D::PROC//COMP	:25D::PROC//COMP
:16S: GENL	:16S: GENL
:16R: USECU	:16R: USECU
:35B: ISIN DE000NLB2Z50 NORDLB OPF.S.1199	:35B: ISIN DE000SG2VEMO /XS/073550866 EUR 0,00 SOC.GEN.EFFEKTEN 12-2017
:16R: FIA	:16R: FIA
:11A::DENO//EUR	:11A::DENO//EUR
:16S: FIA	:98A::MATU//20170330
:16R: ACCTINFO	:36B::MINO//FAMT/1000,
:97A::SAFE//XXXX0000	:16S: FIA
:93B::ELIG//FAMT/5000000,	:16R: ACCTINFO
:93B::SETT//FAMT/5000000,	:97A::SAFE//XXXX0000
:16S: ACCTINFO	:94F::SAFE//NCSD/DAKVDEFFXXX
:16S: USECU	:93B::ELIG//FAMT/19000,
:16R: CADETL	:93B::SETT//FAMT/19000,
:98A::RDTE//20170419	:16S: ACCTINFO
:16S: CADETL	:16S: USECU
:16R: CAOPTN	:16R: CADETL
:13A::CAON//001	:98A::ANOU//20160328
:22F::CAOP//CASH	:98A::RDTE//20170329
:17B::DFLT//Y	:22F::ADDB//CNTR
:16R: SECMOVE	:16S: CADETL
:22H::CRDB//DEBT	:16R: CAOPTN
:35B: ISIN DE000NLB2Z50 NORDLB OPF.S.1199	:13A::CAON//001
:98A::PAYD//20170420	:22F::CAOP//CASH
:16S: SECMOVE	:11A::OPTN//EUR
:16R: CASHMOVE	:17B::DFLT//Y
:22H::CRDB//CRED	:16R: SECMOVE
:97A::CASH//XXXX0000	:22H::CRDB//DEBT
:19B::ENTL//EUR5000000,	:35B: ISIN DE000SG2VEMO /XS/073550866 EUR 0,00 SOC.GEN.EFFEKTEN 12-2017
:19B::GRSS//EUR5000000,	:94F::SAFE//NCSD/DAKVDEFFXXX
:98A::PAYD//20170420	:98A::PAYD//20170330
:98A::VALU//20170420	:16S: SECMOVE
:90A::OFFR//PRCT/100,	:16R: CASHMOVE
:16S: CASHMOVE	:22H::CRDB//CRED
	:97A::CASH//CDEEURBNPADEFFFTGTCTCBFXXXXXXXXXX
	:98A::PAYD//20170330
	:98A::VALU//20170330
	:98A::EARL//20170330
	:92A::TAXR//0,
	:90A::OFFR//PRCT/100,
	:16S: CASHMOVE

## Asset servicing messages samples

:16S: CAOPTN  
:16R: ADDINFO  
:95Q::PAYA//NORDDEUTSCHE LANDESBANK GZ  
    FRIEDRICHSWALL 10  
    D-30159 HANNOVER  
:16S: ADDINFO

:16S: CAOPTN  
:16R: ADDINFO  
:70E::PACO//ATTENTION: SECURITIES  
ADM/CORPORATE  
    ACTIONS/REORG  
:70E::PACO//FOR INQUIRIES PLEASE CONTACT  
YOUR  
    REGULAR CUSTOMER SUPPORT TEAM  
:16S:ADDINFO

# Asset servicing messages samples

## 8.5 MT566 NEWM example for Redemption payment (REDM) - Germany

Legacy MT566	OneClearstream MT566
:16R: GENL	:16R: GENL
:20C::CORP//1302017030228100	:20C::CORP//0000000385332645
:20C::SEME//KADK102344742251	:20C::SEME//000000145721619Z
:23G: NEWM	:23G: NEWM
:22F::CAEV//REDM	:22F::CAEV//REDM
:98C::PREP//20170420102344	:98C::PREP//20170330070216
	:16R: LINK
	:13A::LINK//564
	:20C::PREV//000000229502769S
	:16S: LINK
:16S: GENL	:16S: GENL
:16R: USECU	:16R: USECU
:97A::SAFE//XXXX0000	:97A::SAFE//XXXX0000
	:94F::SAFE//NCS/D/DAKVDEFFXXX
:35B: ISIN DE000NLB2Z50	:35B: ISIN DE000SG2VEM0
NORDLB OPF.S.1199	EUR 0,00 SOC.GEN.EFFEKTEN 12-2017
:16R: FIA	:16R: FIA
:11A::DENO//EUR	:11A::DENO//EUR
:16S: FIA	:98A::MATU//20170330
:93B::ELIG//FAMT/5000000,	:36B::MINO//FAMT/1000,
:93B::SETT//FAMT/5000000,	:16S: FIA
:93B::CONB//FAMT/5000000,	:93B::CONB//FAMT/19000,
:16S: USECU	:16S: USECU
:16R: CADETL	:16R: CADETL
	:98A::ANOU//20160328
:98A::RDTE//20170419	:98A::RDTE//20170329
:16S: CADETL	:16S: CADETL
:16R: CACONF	:16R: CACONF
:13A::CAON//001	:13A::CAON//001
:22H::CAOP//CASH	:22F::CAOP//CASH
	:16R: SECMOVE
	:22H::CRDB//DEBT
	:35B: ISIN DE000SG2VEM0
	EUR 0,00 SOC.GEN.EFFEKTEN 12-2017
	:36B::PSTA//FAMT/19000,
	:94F::SAFE//NCS/D/DAKVDEFFXXX
	:98A::POST//20170330
	:98A::PAYD//20170330
	:16S: SECMOVE
:16R: CASHMOVE	:16R: CASHMOVE
:22H::CRDB//CRED	:22H::CRDB//CRED
:97A::CASH//XXXX0000	:97A::CASH// CDEEURBNPADEFFTGTCBFXXXXXXXXX
:19B::PSTA//EUR5000000,	:19B::PSTA//EUR20387,
:19B::GRSS//EUR5000000,	:19B::NETT//EUR20387,
	:19B::TXFR//EUR20387,
:98A::POST//20170420	:98A::POST//20170330
:98A::VALU//20170420	:98A::VALU//20170330
:98A::PAYD//20170420	:98A::PAYD//20170330
	:92A::TAXR//0,
:90A::OFFR//PRCT/100,	:90A::OFFR//PRCT/107,3
:16S: CASHMOVE	:16S: CASHMOVE
:16S: CACONF	:16S: CACONF
:16R: ADDINFO	:16R: ADDINFO
:70E::ADTX//KADI-LFNR 74420	:70E::TXNR//REDMCREDE DE000SG2VEM0 30MAR17
	OIF
	QTY 19.000
:16S: ADDINFO	:16S: ADDINFO

## 8.6 MT566 CLAI example for Bonus distribution (BONU) - Germany

Legacy MT566	OneClearstream MT566
:16R: GENL	:16R:GENL
:20C::CORP//2112013061102500	:20C::CORP//AC5684440
:20C::SEME//KAD7205648846390	:20C::SEME//KAD9184821220212
:23G: NEWM	:23G:NEWM
:22F::CAEV//BONU	:22F::CAEV//BONU
:98C::PREP//20160907205648	:98C::PREP//20161209185004
:16S: GENL	:16S:GENL
:16R: USECU	:16R:USECU
:97A::SAFE//XXXX0000	:97A::SAFE//XXXX0000
:35B: ISIN DE0005297204	:94F::SAFE//NCSD/DAKVDEFFXXX
HOMAG GROUP AG	:35B: DE0005297204
:93B::CONB//UNIT/N400,	HOMAG GROUP AG
:16S: USECU	:93B::CONB//UNIT/N300,
:16R: CADETL	:16S:USECU
:98A::XDTE//20160906	:16R:CADETL
:98A::RDTE//20160907	:98A::RDTE//20161205
:22F::ADDB//CLAI	:98A::XDTE//20161202
:16S: CADETL	:22F::ADDB//CLAI
:16R: CACONF	:16S:CADETL
:13A::CAON//001	:16R:CACONF
:22H::CAOP//SECU	:13A::CAON//001
:16R: SECMOVE	:22F::CAOP//SECU
:22H::CRDB//DEBT	:16R:SECMOVE
:35B: ISIN DE0005297204	:22H::CRDB//DEBT
HOMAG GROUP AG	:35B: DE0005297204
:36B::PSTA//UNIT/400,	HOMAG GROUP AG
:92D::ADEX//1,1,	:36B::PSTA//UNIT/300,
:98A::POST//20160908	:94F::SAFE//NCSD/DAKVDEFFXXX
:16S: SECMOVE	:92D::ADEX//1,1,
:16S: CACONF	:98A::POST//20161212
:16R: ADDINFO	:16S:SECMOVE
:70E::ADTX//REVERSE CLAIM OF OTC TRADE	:16S:CACONF
TRADE REF0004692384	:16R:ADDINFO
TRADE-REF T2SC6971606091CA91	:70E::TXNR//MARKET CLAIM OF OTC TRADE
REF-OWNER-BICDAKVDEFFXXX	TRADE REF0001303214
TR RELA0008888888	TRADE-REF T2SC6C91711217F88F
TR RELA T2SCUST0REFERENCE1	REF-OWNER-BICDAKVDEFFXXX
REF-OWNER-BICCUSTDEFFXXX	TR RELA0000002225
TRADE DAY RELA20160906	TR RELA T2SC6C8151125 48B8
COUNTERPARTXXXX0000	REF-OWNER-BICDAKVDEFFOPS
KADI-LFNR 00092	TRADE DAY RELA20161201
:16S: ADDINFO	COUNTERPART72010000
	KADI-LFNR 00430
	:16S:ADDINFO

# Asset servicing messages samples

## 8.7 MT566 REVR example for Interest payment (INTR) - Germany

Legacy MT566	OneClearstream MT566
:16R:GENL	:16R:GENL
:20C::CORP//1102017076047300	:20C::CORP//0000000413870598
:20C::SEME//KAD8134246301550	:20C::SEME//000000138257974Z
:23G:REVR	:23G:REVR
:22F::CAEV//INTR	:22F::CAEV//INTR
:98C::PREP//20170608134246	:98C::PREP//20161215112200
:16R:LINK	:16R:LINK
:20C::CORP//1102017076047300	:13A::LINK//566
:16S:LINK	:20C::PREV//000000138257967Z
:16R:LINK	:16S:LINK
:20C::PREV//NONREF	:16S:GENL
:16S:LINK	:16R:USECU
:16S:GENL	:97A::SAFE//XXXX0000
:16R:USECU	:94F::SAFE//NCSD/DAKVDEFFXXX
:97A::SAFE//XXXX0000	:35B:/XS/034236704
:35B:ISIN DE000UBS2975	EUR 4,90 ERSTE ABWICKLUNGSA 04-2017
UBS AG LDN DAI ZT. 15/17	:16R:FIA
:16R:FIA	:22F::MICO//A006
:22F::MICO//A004	:11A::DENO//EUR
:11A::DENO//EUR	:36B::MINO//FAMT/1000,
:16S:FIA	:16S:FIA
:93B::ELIG//UNIT/35,	:93B::CONB//FAMT/200000,
:93B::SETT//UNIT/35,	:16S:USECU
:93B::CONB//UNIT/35,	:16R:CADETL
:16S:USECU	:98A::ANOU//20161103
:16R:CADETL	:98A::RDTE//20161103
:98A::XDTE//20170606	:69A::INPE//20151104/20161104
:98A::RDTE//20170605	:99A::DAAC//366
:99A::DAAC//182	:92A::INTR//0,1
:92A::INTR//5,5	:16S:CADETL
:16S:CADETL	:16R:CACONF
:16R:CACONF	:13A::CAON//001
:13A::CAON//001	:22F::CAOP//CASH
:22H::CAOP//CASH	:11A::OPTN//EUR
:16R:CASHMOVE	:16R:CASHMOVE
:22H::CRDB//CRED	:22H::CRDB//CRED
:97A::CASH//XXXX0000	:97A::CASH// XXXX0000
:19B::PSTA//EUR973,19	:19B::PSTA//EUR6000,
:19B::GRSS//EUR973,19	:19B::GRSS//EUR6000,
:98A::POST//20170608	:98A::POST//20161215
:98A::VALU//20170608	:98A::VALU//20161215
:98A::PAYD//20170608	:98A::PAYD//20161214
:92F::INTP//EUR27,805556000	:92J::GRSS//TXFR/EUR3,/ACTU
:92J::GRSS//TXFR/EUR27,805556000/ACTU	:92A::TAXR//0,
:16S:CASHMOVE	:92A::INTP//3,
:16S:CACONF	:16S:CASHMOVE
:16R:ADDINFO	:16S:CACONF
:70E::ADTX//KADI-LFNR 74825	:16R:ADDINFO
:95Q::PAYA//UBS AG LONDON BRANCH	:70E::TXNR//INTRREVR DE000A0DRG79 15DEC16
5 BROADGATE	OIF
GB-LONDON EC2M 2QS	QTY 200000
:16S:ADDINFO	:70E::ADTX//KADI-LFNR 00443
	:16S:ADDINFO

## 8.8 On-flow related reason codes in MT56x messages (:70E::TXNR)

### 8.8.1 MT566 on the basis of CASCADE holdings

Line 1: KADI-LFNR + KADI sequential number (5 digits, fixed).

### 8.8.2 MT566 on the basis of compensation for stock exchange trades

Line 1: COMPENSATION OF SE TRADE.

Line 2: TR RELA + trade no. of underlying trade (10 digits, fixed).

Line 3: TRADE DAY + date of trade (8 digits, fixed, YYYYMMDD).

Line 4: COUNTERPART + CBF account no. of counterparty (8 digits, fixed).

Line 5: ACTUAL SETTLEMENT DATE + settlement date (8 digits, YYYYMMDD).

Line 6: KADI-LFNR + " " + KADI sequential number (5 digits, fixed).

### 8.8.3 MT566 on the basis of compensation for CCP gross trades

Line 1: COMP. OF CCP GROSS TRADE.

Line 2: TR RELA + trade no. of underlying trade (10 digits, fixed).

Line 3: TRADE DAY + date of trade (8 digits, fixed, YYYYMMDD).

Line 4: COUNTERPART + CBF account no. of counterparty (8 digits, fixed).

Line 5: TRADING LOCATION + trading place (3 digits, fixed).

Line 6: ORDER NO. + order no. (max. 16 digits, variable).

Line 7: KADI-LFNR + " " + KADI sequential number (5 digits, fixed).

### 8.8.4 MT566 on the basis of compensation of EUREX exercises

Line 1: COMPENSATION OF EUREX EXERCISE.

Line 2: TR RELA + trade no. of underlying trade (10 digits, fixed).

Line 3: TRADE DAY + trade date (8 digits, fixed, YYYYMMDD).

Line 4: COUNTERPART + CBF account no. of counterparty (8 digits, fixed).

Line 5: KADI-LFNR + " " + KADI sequential number (5 digits, fixed).

### 8.8.5 MT566 on the basis of compensation for OTC trades

Line 1: COMPENSATION OF OTC TRADE.

Line 2: TR RELA + trade no. of underlying delivery or match instruction (10 digits, fixed).

Line 3: OWN REF + reference no. (CASCADE "REFERENZ-NR" of the underlying delivery or match instruction).

Line 4: TRADE DAY + trade date (8 digits, fixed, YYYYMMDD).

Line 5: COUNTERPART + CBF account no. of counterparty (8 digits, fixed).

Line 6: ACTUAL SETTLEMENT DATE + settlement date (8 digits, YYYYMMDD).

Line 7: KADI-LFNR + " " + KADI sequential number (5 digits, fixed).

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## 8.8.6 MT566 on the basis of compensation due to XEMAC

- Line 1: XEMAC-TRANSFER.
- Line 2: TR RELA + trade no. (10 digits, fixed).
- Line 3: TRANSFERRED ON + date (8 digits, fixed, YYYYMMDD).
- Line 4: COLLATERAL TAKER + CBF account no. (8 digits, fixed).
- Line 5: KADI-LFNR + " " + KADI sequential number (5 digits, fixed).

## 8.8.7 MT566 on the basis of compensation of settled SE-(LION) trades by an additional FoP instruction

- Line 1: COMPENSATION OF S/E TRADE.
- Line 2: TRADE REF + trade no. of FoP instruction (10 digits, fixed) on CASCADE platform or transaction number (20C::SEME) of MT544/546 sent from CBL to CBF for booking on Creation platform.
- Line 3: TR RELA + trade no. of underlying trade (10 digits, fixed).
- Line 4: TRADE DAY RELA + trade day of underlying trade (8 digits, fixed, YYYYMMDD).
- Line 5: COUNTERPART + CBF account no. (8 digits, fixed) or CBL account no. (5 digits, fixed) of counterparty.
- Line 6: TRADING LOCATION + trading place (3 digits, fixed).
- Line 7: KADI-LFNR + " " + sequential number in KADI (5 digits, fixed).

## 8.8.8 MT566 on the basis of compensation of SE-(LION) trades by modification of the pending trade

- Line 1: COMPENSATION OF S/E TRADE.
- Line 2: TR RELA + trade no. of underlying, modified trade (10 digits, fixed).
- Line 3: TRADE DAY + trade day (8 digits, fixed, YYYYMMDD).
- Line 4: COUNTERPART + CBF account no. of counterparty (8 digits, fixed).
- Line 5: TRADING LOCATION + trading place (3 digits, fixed).
- Line 6: BRANCH + CBF account no. of branch (8 digits, fixed).
- Line 7: KADI-LFNR + " " + sequential number in KADI (5 digits, fixed).

## 8.8.9 MT566 on the basis of compensation of settled OTC trades by an additional FoP instruction

- Line 1: COMPENSATION OF OTC TRADE.
- Line 2: TRADE REF + trade no. of FoP instruction (10 digits, fixed) on CASCADE platform or transaction number (20C::SEME) of FoP instruction (MT540/542) sent from CBF to CBL for booking on Creation platform.
- Line 3: COL TRN + transaction number (20C::SEME) of CBL-settlement confirmation (MT544/546) (max. 16 digits; only displayed, if claiming takes place on CBL-Creation-platform).
- Line 4: TR RELA + trade no. of underlying delivery or match instruction in CASCADE (10 digits, fixed).
- Line 5: OWN REF + REFERENCE NO.
- Line 6: TRADE DAY RELA + trade day of underlying trade (8 digits, fixed, YYYYMMDD).

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Line 7: COUNTERPART + CBF account no. of counterparty (8 digits, fixed) CBF account no. (8 digits, fixed) or CBL account no. (5 digits, fixed) of counterparty.

Line 8: KADI-LFNR + " " + sequential number in KADI (5 digits, fixed) of first CA event + " " + sequential number in KADI (5 digits, fixed) of second CA event, if such an event exists.

### 8.8.10 MT566 on the basis of compensation of OTC trade by modification of the pending trade

Line 1: COMPENSATION OF OTC TRADE.

Line 2: TR RELA + trade no. of underlying, modified delivery or match instruction (10 digits, fixed).

Line 3: OWN REF + REFERENCE NO. from delivery or match instruction.

Line 4: TRADE DAY + trade day (8 digits, fixed, YYYYMMDD).

Line 5: COUNTERPART + CBF account no. of counterparty (8 digits, fixed).

Line 6: KADI-LFNR + " " + sequential number in KADI (5 digits, fixed) of first CA event + " " + sequential number in KADI (5 digits, fixed) of second CA event, if such an event exists.

# Asset servicing messages samples

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