Clearstream Banking Release November 2012

CBL Release Information

CBL Release November 2012 - CBL Release Information

30 October 2012

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Foreword

On Monday 19 November 2012, Clearstream Banking Luxembourg will implement a number of changes related to the Mandatory 2012 SWIFT release and enhancements to services delivered via CreationConnect. Impacted media channels include Creation via Swift, CreationDirect and CreationOnline.

This document presents the details of these changes to enable customers to make any required changes and to take advantage of enhanced products and services.

The respective documentation and guides associated with the impacted products and/or services will be updated to reflect the enhancements in due course.

Note: In some cases, this document will not contain the details of enhancements where a separate announcement has been published to address the needs of a particular product or service.

Further information

The Pre-Issue edition of the <u>Creation via SWIFT User Guide</u> is available at www.clearstream.com, under Information Centre / Connectivity / Creation via SWIFT Reference.

For further information about our products and services, please visit <u>www.clearstream.com</u> or contact Clearstream Banking Customer Service or your Relationship Officer.

You will find the relevant contact details at www.clearstream.com, under Customer Support/How to contact us.

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1. Executive summary

On Monday, 19 November 2012, Clearstream¹ will implement the SWIFT Standards release 2012 changes along with several quality enhancements to messages and connectivity services.

SWIFT Standards release November 2012 and other SWIFT enhancements

The SWIFT Standards release 2012 and quality enhancements include new and changed information for:

Asset Services

- MT564 Corporate Action Notification
- MT564 IPAR
- MT565 Corporate Action Instruction
- MT566 Corporate Action Confirmation
- MT567 Corporate Action Status and Processing Advice
- MT568 Corporate Action Narrative

Settlement and Reconciliation

- MT537 Statement of Pending Transactions
- MT548 Settlement Status and Processing Advice

Triparty Collateral Management

- MT527 Triparty Collateral Instruction
- MT558 Triparty Collateral Status and Processing Advice

There are no impacts to Common Group, Cash and Investment Funds (Vestima) fees and interest messages, statements or reports.

Other changes

For settlement instructions entered via CreationOnline, Corporate Action instructions statuses and acknowledgements will now be available via SWIFT MT567 when required by the customers. A new flag in the MT567 subscription form needs to be selected to activate this optional service.

CreationOnline, now supports the latest Java version 7 in addition to version 1.6

There are upgrades to Reference Data in the Securities Reference information provided on www.clearstream.com.

^{1.} Clearstream and CBL refer to Clearstream Banking, société anonyme, registered office at 42, avenue John F. Kennedy, L-1855 Luxembourg, and registered with the Luxembourg Register of Commerce and Companies under number B-9248 (CBL).

SWIFT Standards release November 2012 and other 2. **SWIFT** enhancements

Note: This version supersedes the third revision of announcement A12104 dated 23 July 2012.

Asset Services

Our November 2012 Release for Asset Services messages will combine SWIFT Standards Release 2012 changes as well as enhancements requested by our customers.

CBL follows the Securities Market Practice Group (SMPG) quidelines, the SMPG templates are published in the Corporate Actions section of the SMPG website at: www.smpg.webexone.com, under Corporate Actions / Market Practices / Final global Documents / CA Event Templates SR2012.

MT564 - Corporate Action Notification

Field Description	Usage
-------------------	-------

Sequence A - General Information: New Event type coverage

:28E: Page Number / Continuation This field will only be used if there is more than one MT564 message in the notification, and will indicate the page number continuation indicator to indicate that the multi-part notification is to continue or that the message is the last page of the multi-part notification. For example:

:28E:0000n/MORE or :28E:0000n/LAST

Note: Field: 28E: will not be reported if there is only one message (that is,

:28E:1/ONLY)

:22F::CAEV//DRCA

non -eligible securities sales.

New event Type Cash Distribution from This event type will be used to report the distribution to shareholders of cash resulting from the selling of non-eligible securities, for example, in the frame of a depositary receipt program.

Sequence A1 - Linkages

If an MT564 exceeds the maximum length because of the narrative size, CBL will link the message to an MT568 as follows:

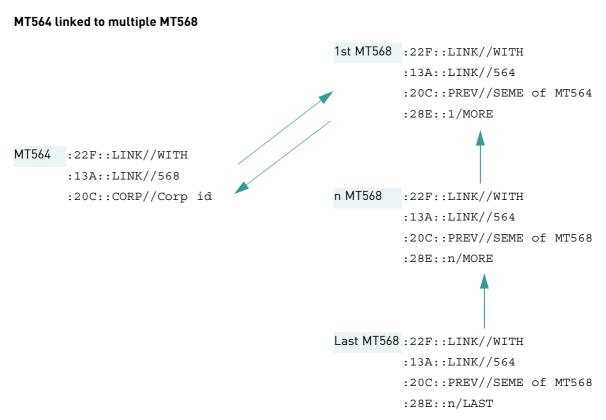
The first MT564

:22F::LINK//WITH :13A::LINK//568

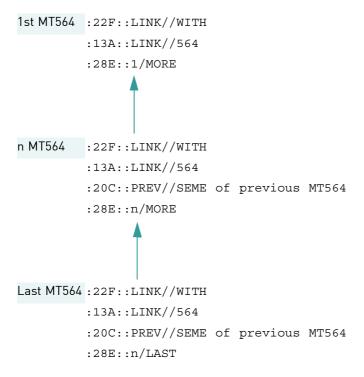
:20C::CORP// (this tag will identify the CORP number for the corporate action).

MT564 linked to one single MT568





Multiple MT564



Multiple MT564 and multiple MT568

These rarely occur. All MT564 will chain each other, the last MT564 pointing to the first MT568 and the first MT568 chaining to the last MT564. All other MT568 chain each other.

Sequence D - Corporate Action Details

New Qualifier/Code word:

:36C::MIEX// :36C::MILT// :36C::MQSOª// :36C::QTSOª//	New Code words: ANYA - Any and All UKWN- Unknown	If applicable CBL will report the value UKWN (Unknown, that is when the quantity is unknown to the sender or has not yet been established) or ANYA (Any and All) in the following fields:
		Minimum Exercisable Quantity Minimum Exercisable Multiple Quantity Maximum Quantity of Securities Minimum Quantity Sought
:36C::NEWD//	New Code word UKNW- unknown	If applicable CBL will report the value UKWN (Unknown) in the field New Denomination Currency.
:92K::PTSC//	New Code word: UKNW- unknown	If applicable CBL will report the value UKWN (Unknown) in the field Percentage Sought.
:22F::DITY//	New Code words: FINL - Final INTE - Interim	These codes may be used for event type LIQU - Liquidation to indicate that the payment is final or interim.
:92a:	New Qualifiers for Options A and F RLOS - Realised Loss SHRT - Interest Shortfall	These qualifiers may be used for event type PRED - Partial redemption without reduction of Nominal value to indicate if there is a realised loss or an interest shortfall.
:98A::RDTE//	Record date/time will appear for REDM final maturity (CHOS and MAND)	The field contains the date at which Clearstream records holdings in the security as being an entitled position.

a. When MQSO is present, QTSO must be present too. When QTSO is present, MQSO must be present too. When MQSO is used with option C with the value ANYA [Any and all], then QTSO must not be used with the value ANYA. When QTSO is used with option C with the value ANYA, MQSO must not be used with the value ANYA.

Sequence E - Corporate Action Options

New Qualifier/Code word:

:22F::CETI//	New Code word: FRAC - Fraction Breakdown	This code may be used for event type SPLR - Reverse stock split.
:22F::0PTF//	New Code word: NOSE - No Service Offered	Indicates that the option is only supported by the issuer.
:70E::CETI//	New Narrative Type: CETI - Certification/Breakdown Narrative	Provides additional information on the certification/breakdown required.

The following qualifier will be removed:

:90a::EXER//	Exercise/strike price	This qualifier is to be replaced by
		:90a::PRPP// Cash Price Paid per
		Product

Product.

Subsequence E1 - Securities Movements

New Qualifier:

:90a::PRPP// Cash Price Paid Per Product Qualifier PRPP will be present in

Sequence E1 - Securities Movements for all event types except EXWA (Warrant paying in securities) and CONV/VOLU.

Subsequence E2 - Cash Movements

:90a::PRPP// Cash Price Paid Per Product CBL will report PRPP in Sequence E2 -

Cash Movements for event type EXWA (Warrant paying in securities) and

CONV/VOLU.

MT564 - Income Pre-Advice Report (IPAR)

The MT564 IPAR will be enhanced to align with the event notification. If relevant to the event type reported, the following fields will be added:

Field	Description	Usage

Sequence A - General Information

:22F::CAEV//DRCA New event Type Cash Distribution from This event type will be used to report the

non -eligible securities sales.

distribution to shareholders of cash resulting from the selling of non-eligible securities, for example, in the frame of a

depository receipt program.

Sequence D - Corporate Actions Details

New Qualifiers:

:92a: New Qualifiers for Options A and F These qualifiers may be used for event

RLOS - Realised Loss SHRT - Interest Shortfall type PRED - Partial redemption without reduction of Nominal value - to indicate whether there is a realised loss or an

interest shortfall.

:98A::RDTE// Record date/time will appear for REDM The field contains the date at which

final maturity (CHOS and MAND)

Clearstream records holdings in the security as being an entitled position.

MT565 - Corporate Action Instruction

Field Description Usage

Sequence A - General Information: New Event type coverage

:22F::CAEV//DRCA New event Type Cash Distribution from Corporate Action instruction on event

non -eligible securities sales.

type DRCA. This event type will be used to report the distribution to shareholders of cash resulting from the selling of noneligible securities, for example, in the frame of a depository receipt program.

Sequence E - Additional Information

:70E::CETI// New Qualifier:

CETI - Certification Narrative

This narrative is accepted on certification instructions to provide additional information about the type of certification required.

MT566 - Corporate Action Confirmation

Field	Description	Usage
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Sequence A - General Information: New Event type coverage

:22F::CAEV//DRCA

non -eligible securities sales.

New event Type Cash Distribution from This event type will be used to report the distribution to shareholders of cash resulting from the selling of non-eligible securities, for example, in the frame of a depository receipt program.

Sequence C - Corporate Action Details

New codes

:22F::DITY// FINL - Final These codes may be used for event type

> INTE - Interim LIQU - Liquidation to indicate that the

payment is final or interim.

:92A: New Qualifier for Options This qualifier may be used for event type

> RLOS - Realised Loss PRED - Partial redemption without reduction of Nominal value to indicate

> > the realised loss.

This is the difference between the actual rate of the capital or principal repayment and the scheduled capital repayment:

PRFC-(OFFR+RLOS)=NWFC

Subsequence D1 - Securities Movements

The following qualifier with its respective codes is added to subsequence D1:

Field	Description	Usage
:90a::PRPP//	Cash Price Paid per product	For certain event types, the Cash price will be reported in Sequence D1 - Securities Movements.
		Previously this qualifier was always reported in Sequence D2 - Cash Movements.
Subsequence D2 - 0	Cash Movements	
New Qualifier:		
:92a::ES0F//	Early solicitation fee rate	This qualifier replaces qualifier :92A::INCE//.
Sequence E - Additi	ional information	
:70E::TXNR//	Narrative version	To improve tracking of messages, the first 16 characters of the customer's reference from their MT54X settlement instructions, in field "20C::SEME//", will now be reported in the narrative (70E::TXNR) of the associated MT566. This replaces Clearstream's TRANO used previously.

MT567 - Corporate Action Status and Processing Advice

Field	Description	Usage

Sequence A - General Information: New Event type coverage

:22F::CAEV//DRCA	New event Type Cash Distribution from non -eligible securities sales.	This event type will be used to report the distribution to shareholders of cash	
			resulting from the selling of non-eligible
			securities, for example, in the frame of a depository receipt program.

MT568 - Corporate Action Narrative

Field Description Usage

Sequence A - General Information: New Event type coverage

:28E: Page Number /Continuation

This field will only be used if there is more than one MT568 message in the notification, and will indicate the page number continuation indicator to indicate that the multi-part notification is to continue or that the message is the last page of the multi-part notification. For example:28E:0000n/MORE or

:28E:0000n/LAST

Note: Field :28E: will not be reported if

there is only one message

:28E:1/0NLY

non -eligible securities sales.

This event type will be used to report the distribution to shareholders of cash resulting from the selling of non-eligible securities, for example, in the frame of a depository receipt program.

Sequence A1 - Linkages

If the MT568 is the continuation of an MT564 that exceeded the maximum length because of the narrative size, the first MT568 will be linked to the MT564 as follows:

:22F::LINK//WITH

:13A::LINK//564

:20C::PREV// - this tag will identify the SEME number of the previous MT564 message.

Any subsequent MT568 will be linked as follows:

:13A::LINK//568

:20C::PREV// - this tag will identify the SEME number of the previous MT568 message.

Settlement and Reconciliation

MT537 - Statement of Pending Transactions

Field	Description	Usage
Subseque	nce B1 - Reason and Subsequence C3a -	Reason

:24B::NMAT//ACRU Addition of code ACRU with qualifier NMAT for mismatched on Accrued

Interest Amount.

Interest Amount.

Reason code will be reported if received from local market.

MT548 - Settlement Status and Processing Advice

Field	Description	Usage
Subsequence A2a -	Reason	
:24B::NMAT//ACRU	Addition of code ACRU with qualifier NMAT for mismatched on Accrued	Reason code will be reported if received from local market.

Usage

Triparty Collateral Management

MT527 - Triparty Collateral Instruction

Field	Description	Usage			
Sequence A - General Information					
:98a::SETT//	Addition of qualifiers SETT for "settlement date" with a Network Validation Rule that prevents presence of both EXRQ and SETT.	Both indicators will be accepted for the value/opening date.			
:98a::TRAD//	Addition of qualifier TRAD for "trade date".	Customers are recommended to use this new qualifier on opening instruction instead of the current PREP. The qualifier PREP will nevertheless continue to be accepted for the trade date.			
:22a::CINT//	Addition of the following indicators: CDTA - Closing Date Adjustment RATA - Rate Adjustment	Customers may use CDTA for a set close date instruction and RATA for a rate change instruction. The current indicator DADJ will continue to be accepted.			

MT558 - Triparty Collateral Status and Processing Advice

Description

Sequence A - General Information					
Sequence A - Oene	at information				
:98a::SETT//	Addition of qualifiers SETT for "settlement date" with a Network Validation Rule that prevents presence both EXRQ and SETT.	Qualifier SETT will be reported back if received on MT527 of			
:98a::TRAD//	Addition of qualifier TRAD for "trade date".	Qualifier TRAD will be reported back if received on MT527			
:22a::CINT//	Addition of the following indicators:	Indicators CDTA and RATA will be			
	CDTA - Closing Date Adjustment RATA - Rate Adjustment	reported back if received on MT527.			

Field

3. CreationOnline/SWIFT: MT567 via SWIFT for corporate action instructions entered in CreationOnline

Customers may now opt to receive MT567 Corporate Action Status and Processing Advices and acknowledgements via SWIFT as statuses and feedback to Corporate Action Instructions entered via CreationOnline. Customers who do not have a SWIFT address or prefer to monitor their status and acknowledgements in CreationOnline may continue to do so.

Customer benefits

Straight through processing of SWIFT MT567 will be possible, regardless of the input media used for the corporate action instruction.

Detailed information

To receive MT567 status and acknowledgements for corporate action instructions entered via CreationOnline, it will be necessary for customers to amend their report subscription parameters.

In the report scheduling, report details section for MT567 within CreationOnline, simply check the new tick box "Include all media Channels" and ensure that a SWIFT address is also specified in the report subscription.



The default value will be to leave the tick box unchecked, therefore no SWIFT MT567 will be sent. Status acknowledgements will continue to be generated in CreationOnline only.

For both, rejections of MT565 instructions submitted via CreationOnline will continue to be alerted via CreationOnline only.

Cutover

There will be no automatic cutover. Customers must amend the report subscription details as indicated above.

Impacted media

- CreationOnline
- Creation via SWIFT

4. CreationOnline: Java version 7

Clearstream will officially support Java version 7 for CreationOnline customers.

Customer benefits

- Seamless detection to determine which Java version is applicable for the customer
- No mandatory migration from Java 1.6 to the new version 7 until at least the end of 2013

Detailed information

From 19 November, the CreationOnline links web page will be updated as follows



Welcome to CreationOnline

the interactive interface to the Creation Platform

CreationOnline requires Java 1.6 or 7

To login to CreationOnline click here.

To activate the initial administrators, using the 2 part authentication code letters provided to you by Clearstream click here.

Clearstream recommends to use always the latest Java version for performance and security reasons.

For further information or help to upgrade your Java version click here

After selecting "To login to CreationOnline click here" the user will be directed to the appropriate URL, according to the Java version that has been set up on the workstation:

- If Java 1.6 is installed, the user will be directed to the iws160.html page.
- If Java 7 is installed, the user will be directed to the iws170.html page.

Customers who have created a bookmark in their browser or who always type the full URL will not notice any change.

If you need more information on how to continue to work with Java version 1.6 or the installation steps for installing the latest Java version, select the "For further information or help to upgrade your Java version, click here" from the CreationOnline entry page.

clearstream Banking

In order to run CreationOnline the following steps must be taken.

A detailed explanation of these steps can be found in the "Technical Requirements and Installation" document, which is available on our website, www.clearstream.com under:

Quicklinks -> Connectivity -> CreationOnline Reference -> CreationOnline Technical Requirements and Installation.

Step 1: Install Java

In order to run CreationOnline you need to download and install a Java Runtime Environment (JRE).

To check which version of Java you have currently installed you can use this page

For performance and security reasons Clearstream recommends to always use the latest Java version

To install it (1.7.0_07) click here.

To install a JRE 1.6 version (1.6.0_31) click here.

Once a version has been selected, the browser will launch the installation procedure and will take the user through all the installation steps.

Key features

For performance and security reasons, Clearstream recommends that customers use the latest Java version [7].

Cutover

None. The installed Java version (1.6 or 7) will be automatically detected by CreationOnline

Impacted media

CreationOnline

5. Securities Reference Data

List of Eligible Securities file

The list of securities eligible for settlement with Clearstream will be enhanced to include additional information about the instruments.

Customer benefits

- Enables customers to improve settlement efficiency by cross-referencing their operational securities information with Clearstream's full list of eligible securities.
- Extract the list at any time, free of charge, from www.clearstream.com.
- File can be converted to csv for further analysis using Excel.

Detailed information

The <u>List of Eligible Securities file</u> is published Clearstream's website.

The field values will be populated with all information available for the given security or the field will appear with a blank, null value. In the case where multiple values are present for any field, the subsequent lines in the file will contain additional records with the other values.

Eligible securities old file

Field name	Sample value
СС	000001001914
Security_Name	WORLD BANK
Ссу	USD
Rate	8.5
Life_Period	86-2013
Maturity	26/06/2016
Freq	A
Dep_name	CBF
Dep_code	1Q
ISIN	GB0044713120SEC

Eligible securities new file

All field names are now capitalised.

The field "name" has been replaced by the field "SECURITY_NAME" and is before the "CMC" field in the new file.

The field "cc" has been replaced by "CMC" and is now a fixed 9-digit common code.

The field "ISIN" has been moved and is after the field "CMC".

The field "Ccy" has been replaced by "CURRENCY".

Note: In the following table, the new fields are marked with an asterisk (*) character:

	Field name	Description of field	Sample value
	SECURITY_NAME	Security Long Name	"USD 8,50 WORLD BANK 86-2016"
	CMC	Common Code	001001914
	ISIN	ISIN number	GB0044713120
	CURRENCY	ISO currency code. One or more nominal currencies if present	USD
	RATE	Coupon interest rate for a fixed coupon type	8.5
	LIFE_PERIOD	Initial maturity	86-2016
	MATURITY	Maturity date of security DD/MM/YYYY	26/06/2016
	FREQUENCY	Frequency of a coupon taken from the current interest period at the time of the report. U: Unknown (4-monthly, unique, irregular, unknown) M: Monthly B: Bimonthly Q: Quarterly S: Semi-annually A: Annually 2: Biannually NULL: Weekly NULL: Null	A
*	DEP_CD	Depository Code, assigned by Clearstream with two characters	1Q
*	DEP_NAME	Depository Name, abbreviated with a maximum of 4 characters	CBF
*	COUNTRY_CD	Country Code, the instrument country code	XB
*	PLACE_OF_SAFEKEEPING	Place of safekeeping represented by the BIC Settlement code	DAKVDEFFDOM
*	BIC_OF_DEPOSITORY	The BIC code for the depository	DAKVDEFFDOM
*	SAFEKEEPING_ABBRV	Safekeeping abbreviation, Clearstream's short name for a security depository	CBF
*	PLACE_OF_SETTLMNT	The BIC code for the Place of Settlement	DAKVDEFFXXX
*	INSTR_CATEGORY	Instrument Category e.g. Debt, Equity, Warrant etc.	DEBT
*	MULTIPLE_SETTL_AMNT	Multiple Settlement Amount	1000
*	MIN_SETTL_AMNT	Minimum Settlement Amount	1000
*	POOLFACTOR	Pool factor for the security	1

Field name	Description of field	Sample value
HOME_REMOTE_CODE	HOME/REMOTE code indicates if the settlement may occur in more than one location SINGLE HOME RMT: Remote	SINGLE
TAX_INDICATOR	Indicates whether the security is PENDING UNKNOWN TAX: Taxable NON_TAX: non taxable	PENDING
BRIDGE	Security eligible for Bridge settlement Y: Yes, N: No	Υ
FED_ELIGIBLE	Security eligible for Fed settlement Y: Yes, N: No	N
CSD_OF_ISSUANCE	Central Securities Depository of issuance LUXCLULLXXX or NULL	
INITIAL_AMNT	Initial amount issued for the security	150000000
PRICE_BASIS	Indicates the convention for the calculation of the issue price as a Percentage or Unit. PERC: Percentage UNIT: Unit	PERC
ISSUER_CATEGORY	Issuer category defined by Clearstream as:	MD
	AA: SUPRANATIONAL - NON EEC AE: AEROSPACE AND AIRLINES AG: AGRICULTURE AND FISHERIES BA: COMMERCIAL BANKING BI: BOND ISSUER BM: BUILDING MATERIALS AND COMPONENT BU: VARIOUS INDUSTRIES CA: CATERING, LEISURE AND HOTELS CB: CENTRAL BANK CH:CHEMICALS CL: CLOTHING MANUFACTURERS CN: CONGLOMERATE CO: CONSTRUCTION CIVIL ENGINEERING CS: COMPUTER AND SOFTWARE DI: TOBACCO AND ALCOHOLIC DRINKS DP: OFFICE SUPPLIES AND COMPUTING ED:EDUCATION EE: SUPRANATIONAL EEC (EXCEPT EIB) EI:ENVIRONMENT / WASTE MGT INDUST EL:ELECTRICAL AND ELECTRONICS EN: ENGINEERING BT: BIOTECHNOLOGY AGENCY: AGENCY SOVEREIGN: SOVEREIGN CORPORATE: CORPORATE SUPRANATIONAL: SUPRANATIONAL OTHER: OTHER EV: ENVIRONMENTAL INDUSTRY FD: FOOD STUFFS / N.ALCOHOLIC DRINKS FI: FINANCE(NON-BANKING) FO: FORESTRY / PAPER FV: FINANCIAL VEHICLE HC: HOLDING CORPORATION HO: HOSPITALS / HEALTHCARE	

Field name	Description of field	Sample value
SSUER_CATEGORY (cont)	IE: IMPORT/EXPORT IN: INSURANCE AC: AUDIT CONSULTANCY H.RESOURCES HF: HOME FURNISHING/DOMESTIC MERCH IB: EUROPEAN INVESTMENT BANK IS: IRON / STEEL IV: INVESTMENT COMPANIES MD: MULTILATERAL DEVELOPMENT BANKS ME: METALS: MINING AND REFINING MI: MINING / MINERALS MO: MOTORS / MOTORS COMPANIES MU: MUNICIPALITY OI: OIL / ENERGY SOURCES PH: PHARMACEUTICALS/COSMETICS PK: PACKAGING/STORING PM: PRECIOUS STONES/ METALS PO: PHOTOGRAPHIC/ OPTICAL PR: PROPERTY, REAL ESTATE PU:PUBLISH/BROADCAST/ADVERT/GRAPH PV: PROVINCE RA: RAILWAYS / ROAD TRANSPORTATION RB: RUBBER / TYRES RL: RETAIL/WHOLESALE/ DEPT.STORES SE:SERVICES / UTILITIES(GAS, ELEC) SH: SHIPPING TRANSPORTATION SP:SPORTING GOODS ST: STATE TC:TELECOMMUNICATIONS ZZ: UNKNOWN MM: MULTIMEDIA ACTIVITIES RT: RATINGS COMPANY	
ISSUE_FORM	Issue form	PHYSICAL
	PHYSICAL GOLDSEC GLOBAL NULL	

Key features

The eligible securities file is updated once a week, on Monday. The file is available in full format only. It lists all the securities eligible for settlement with Clearstream along with a number of attributes that may assist customers in their operational activities.

Customers wishing to obtain a wide range of information on individual securities, in real time, may consult the Codelist on the Clearstream website or perform a query in CreationOnline Reference Data.

Cutover

None

Impacted media

 $Continued\ access\ provided\ via\ www.clearstream.com$

Fractional shares file

Most fields in the <u>Fractional shares file</u> have been renamed and the format of some data has been changed.

Customer benefits

A more consistent presentation of reference data in the file.

Detailed information

Fractional shares old file

Field name	Sample value
Name	1. SICAV-GLOBAL ADVICE NORTH AMER.EQA12
СС	28331371
ISIN	LU0283313715SEC
dec	3

Fractional shares new file

The field "Name" has been replaced by "SECURITY_NAME".

The field "cc" has been replaced by "CMC" and is now a fixed 9-digit common code.

The value in the field "ISIN" no longer has the text SEC at the end of the ISIN.

The field "dec" has been replaced by "DECIMALS"

Field name	Sample value
SECURITY_NAME	"1. SICAV-GLOBAL ADVICE NORTH AMER.EQA12"
CMC	28331371
ISIN	LU0283313715
DECIMALS	3

Key features

The Fractional Shares report file is available in xls format, free of charge.

Customers wishing to obtain a wide range of information on individual securities, in real time, may also consult the Codelist on the Clearstream website or CreationOnline Reference Data queries.

Cutover

None

Impacted media

Continued access provided via www.clearstream.com.

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