

# Table of Contents

<b>TABLE OF CONTENTS</b> .....	<b>1</b>
1.1 ACRONYMS AND TERMS .....	1
1.2 INTRODUCTION.....	2
1.2.1 <i>What is T2S?</i> .....	2
1.2.2 <i>T2S in the Austrian Market</i> .....	3
1.3 T2S AT ERSTE GROUP .....	4
1.3.1 <i>Connection to Erste Group</i> .....	4
1.3.2 <i>Instruction and Validation</i> .....	4
1.3.2.1 Counterparty Detection .....	5
1.3.2.1.1 Securities account number logic at OeKB CSD .....	5
1.3.2.1.2 Party Identification .....	5
1.3.2.1.3 Place of Settlement (PSET).....	5
1.3.2.2 Priority .....	5
1.3.2.3 Hold & Release .....	5
1.3.2.4 Linkage of Instructions .....	6
1.3.2.5 Partial Settlement .....	7
1.3.3 <i>Matching of Instructions</i> .....	7
1.3.3.1 Mandatory Matching Fields.....	7
1.3.3.2 Tolerance Amount for Matching.....	7
1.3.3.3 Additional Matching Fields .....	8
1.3.3.4 Optional Matching Fields .....	8
1.3.4 <i>Settlement</i> .....	8
1.3.4.1 Settlement.....	9
1.3.4.1.1 Internal Settlement.....	9
1.3.4.1.2 External Settlement .....	9
1.3.5 <i>Status Reporting</i> .....	9
1.3.5.1.1 Internal Transactions .....	9
1.3.5.1.2 External Transactions .....	9
1.3.6 <i>Allegements</i> .....	9
1.3.7 <i>Cancellations</i> .....	10
1.3.7.1 Cancellation initiated by client .....	10
1.3.7.2 Cancellation initiated by System.....	10
1.3.7.3 Cancellation initiated by CSD .....	10
1.3.8 <i>Transaction Management</i> .....	10
1.3.8.1 Market Claim.....	11
1.3.8.2 Transformation.....	11
1.3.8.2.1 External Transactions .....	12
1.3.8.3 Buyer Protection .....	13
1.3.9 <i>Corporate Actions</i> .....	13
1.3.10 <i>Testing</i> .....	13
1.3.11 <i>SWIFT Guide</i> .....	14
1.3.12 <i>Migration</i> .....	14

## 1.1 Acronyms and Terms

Term	Description
OeKB CSD	OeKB CSD GmbH – the Austrian central depository
OeNB	Österr. Nationalbank – the Austrian Central Bank
CSD	Central Securities Depository
SME	Securities Maintaining Entity
CAJWG	Corporate Action Joint Working Group
CANIG	Corporate Action National Implementation Group
ICP	Indirectly connected participant (via CSD)
DCP	Directly connected participant
SSI	Securities Settlement Instruction
SAC	Securities Account in the T2S environment

IOC	Instruction Owing CSD
NCB	National Central Bank

## 1.2 Introduction

### 1.2.1 What is T2S?

T2S is a pan-european cooperation of national banks and csd's to consolidate securities settlement across all countries. It is developed by 4CB, founded by the four major European national banks (Banque de France, Banca d'Italia, Banco de Espana, Deutsche Bundesbank) and operated by the Eurosystem.

The T2S concept is based on 19 General Principles, which could be found here:  
[https://www.ecb.europa.eu/paym/t2s/progress/pdf/2011\\_t2s\\_general\\_principles.pdf](https://www.ecb.europa.eu/paym/t2s/progress/pdf/2011_t2s_general_principles.pdf)

T2S will ensure DvP and FOP settlement for all involved local markets, but also cross border transactions between these markets. All relevant payments will be carried out via TARGET2 or another non-euro central bank RTGS account (as of 2018).

The use of an "integrated model" will allow T2S to connect any securities account at any participating CSD with any cash account at any participating central bank, within the same currency.



T2S is implemented in several waves as shown hereby:

Wave 1	Wave 2	Wave 3	Wave 4	Final Wave
22 Jun 2015 - 31 Aug 2015	29 Mar 2016	12 Sep 2016	6 Feb 2017	18 Sep 2017
Bank of Greece Securities Settlement System (BOGS)	Interbolsa (Portugal)	Euroclear Belgium	Centrálny depozitár cenných papierov SR (CDCP) (Slovakia)	Baltic CSDs (Estonia, Latvia, Lithuania)
Depozitarul Central (Romania)	National Bank of Belgium Securities Settlement Systems (NBB-SSS)	Euroclear France	Clearstream Banking (Germany)	Euroclear Finland
Malta Stock Exchange		Euroclear Nederland	KDD - Centralna klirinško depotna družba (Slovenia)	Iberclear (Spain)

Monte Titoli (Italy)		VP Lux (Luxembourg)	KELER (Hungary)	
SIX SIS (Switzerland)		VP Securities (Denmark)	LuxCSD (Luxembourg)	
			<b>OeKB CSD (Austria)</b>	

**Connectivity**

From T2S perspective a DCP (Directly Connected Party) is a Payment Bank or a CSD Participant using a direct network connection (VAN Provider, Dedicated Link or Internet) to access a part of the T2S services without the need for a CSD or a Central Bank to act as a technical interface. A CSD participant could be a DCP for all or only for certain T2S services. For example, a participant could be DCP only for queries, reporting, sending of settlement instructions or cash instructions or for all these T2S services.

As indirectly connected party (ICP), the participant is connected to T2S through its CSD and/or its Central Bank. The ICP will use the communication means provided by its CSD or Central Bank and uses the ISO or proprietary formats of its CSD and Central Bank.

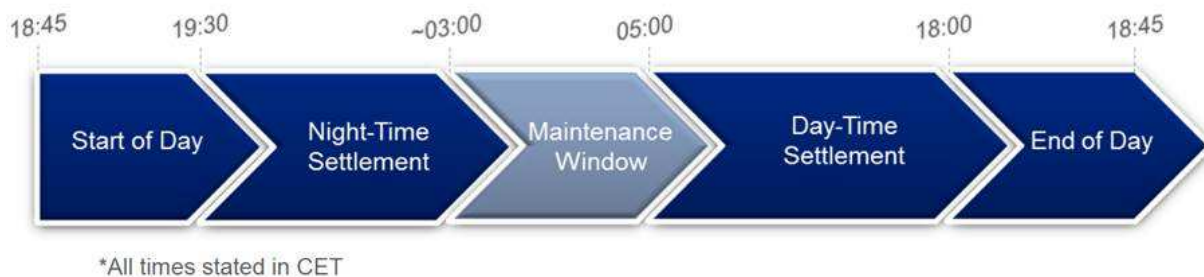
For more information please refer to

<https://www.ecb.europa.eu/paym/t2s/progress/pdf/ag/mtg21/item-4-1-2013-02-28-conditions-for-directly-connected-participants.pdf?b5dc173a61d7e34f41a8522158ed888e>

**Settlement Day Schedule**

The schedule for settlements will be harmonized for all participating CSD's, including the opening days which will go in line with TARGET2 for EUR settlements, respectively with the opening days of the relevant NCB for non-EUR settlements.

Here an overview of a settlement day:



For detailed information please see

[https://www.ecb.europa.eu/paym/t2s/progress/pdf/t2s\\_settlement\\_day\\_schedule.zip](https://www.ecb.europa.eu/paym/t2s/progress/pdf/t2s_settlement_day_schedule.zip) .

**1.2.2 T2S in the Austrian Market**

The OeKB CSD is already an active T2S member as SME (securities maintaining entity) for Austrian securities. As of 6th of February 2017, the Austrian CSD will become full member of T2S, with means that all OeKB eligible securities become also T2S eligible.

The Austrian market will be in full compliance with the CAJWG standards, with exception of the usage of ex/cum/opt-out indicators within the transaction management, which will not be considered for market claim detection.

The OeKB CSD will offer direct and indirect access to the Austrian market, whereby indirect access will offer additional features like DvP/RvP Transactions in foreign currencies (CHF, GBP, USD).

## 1.3 T2S at Erste Group

Erste Group has setup a T2S implementation project which is divided into two phases\_

- Phase 1 covers all required adaptations to communicate with T2S-in CSD's and additional functionalities like additional indicators, partial settlement, transaction management. Erste Group will connect as ICP to T2S-in CSD's
- Phase 2 covers mainly internal settlements

This document describes all changes in services offered by Erste Group, which are related to the T2S go-live as of February 2017 (Phase 1). Functionalities to be scheduled in Phase 2 have been mentioned where applicable.

### 1.3.1 Connection to Erste Group

Erste Group will continue to offer SWIFT connection based on ISO 15022 standards. Changes to current STP rules will be outlined in this document and additionally summarised in our SWIFT Guide at a later stage.

### 1.3.2 Instruction and Validation

Erste Group will support all transaction types available in T2S. Therefore following transaction types will be added:

**Delivery with Payment:** Securities will be delivered **and** a payment initiated (and vice versa). Following instructions are possible:

MT543 – Delivery with Payment (DwP)

MT541 – Receipt with Payment (RwP)

Payment free of delivery: Only a payment will be initiated. Following instructions are possible:

MT543 – Payment free of Delivery Credit (PFOD)

MT541 – Payment free of Delivery Debit (PFOD)

Hereby an overview of possible SWIFT messages dependent on instruction type:

From Client to Erste Group					
	MT530	MT540	MT541	MT542	MT543
RVP	x		x		
DVP	x				x
RFP	x	x			
DFP	x			x	
RWP	x		x		
DWP	x				x
PFOD	x		x		x

From Erste Group to Client						
	MT548	MT544	MT545	MT546	MT547	MT578
RVP	x		x			x
DVP	x				x	x
RFP	x	x				x
DFP	x			x		x
RWP	x		x			x
DWP	x				x	x
PFOD	x		x		x	x

### **1.3.2.1 Counterparty Detection**

#### **1.3.2.1.1 Securities account number logic at OeKB CSD**

The securities account numbers at OeKB CSD will be extended as follows:

BIC4 (the first 4 digits) of the OeKB CSD = OCSD plus existing securities account number of the OeKB CSD participant (e. g. 111100)

The resulting securities account number in this example therefore is OCSD111100.

Please adjust your SSI's accordingly, if you are using OeKB CSD account numbers to identify a counterparty in the Austrian market

#### **1.3.2.1.2 Party Identification**

T2S identifies parties (e.g. settlement bank, instructing participant, instructing participant's client, client of the instructing participant's counterpart, issuer CSD, other securities account holder) with the Bank Identifier Code (BIC11). Therefore Erste Group requires also BIC11 on settlement instructions.

For example, the Delivering/Receiving Agent needs to be instructed as follows:

:95P::REAG//BIC 11 or :95P::DEAG//BIC 11

#### **1.3.2.1.3 Place of Settlement (PSET)**

Please note that the SWIFT field :95P::PSET will indicate the CSD of the counterparty.

For example :95P::PSET//OCSDATWXXXX will mean that the counterparty of the settlement instruction holds his account with OeKB CSD.

### **1.3.2.2 Priority**

T2S offers following priorities for settlement instructions:

- Priority 1: Reserved Priority – Only for CSD's and NCB's
- Priority 2: Top Priority – Only for on-exchange transactions (CCP's)
- Priority 3: High Priority – Available for all clients
- Priority 4: Normal Priority – Available for all clients

Priorities need to be instructed in the following way:

SWIFT field :22F::PRIR//0003 – priority 3

SWIFT field :22F::PRIR//0004 – priority 4

With go live of T2S, Erste Group will send all settlement instructions with priority 4 irrespective of the priority sent on the client instruction. The routing of priorities will be implemented in phase 2 of Erste Groups implementation project.

### **1.3.2.3 Hold & Release**

Erste Group will support the party hold functionality of T2S.

Instructions could be sent on hold status by using the SWIFT field :23G:PREA in the settlement instruction.

Such an instruction could be released in two ways:

- Via MT54X with SWIFT Tag :23G:NEWM
- Via MT530 with field :22F:SETT//YPRE

A switch between hold and release status via MT530 is possible at any time until settlement has taken place. Nevertheless, an instruction sent with indicator PREA needs to be followed by an instruction with indicator NEWM to be legally valid.

Here some possible scenarios how the status could be switched:

Scenario	Status 1	Status 2	Status 3	Status 4
Example 1	MT54x PREA	MT54x NEWM	MT530 HOLD	MT530 RELEASE
Example 2	MT54x NEWM	MT530 HOLD	MT530 RELEASE	

### 1.3.2.4 Linkage of Instructions

Following types of linkages will be supported by Erste Group:

- WITH – Settlement in conjunction with the linked-to instruction
- BEFO – Settlement before or simultaneously with the linked-to instruction
- AFTE – Settlement after or simultaneously with the linked-to instruction
- POOL – Settlement of all instructions on a „all-or-none“ basis

Linkages need to be instructed in the following way:

SWIFT field :22F::LINK//AFTE – indicates that the message is to be processed after the linked message

SWIFT field :22F::LINK//BEFO – indicates that the message is to be processed before the linked message

SWIFT field :22F::LINK//WITH – indicates that the message is to be processed with the linked message

SWIFT field :20C::POOL//Reference – Pool Reference

SWIFT field :99B::SETT//000-999 – Sequential number of the instruction in a range of linked settlement instructions

SWIFT field :99B::TOSE//000-999 – Total number of settlement instructions that are linked together

Linkages using Before, After and With could be only used on 1:1 basis (one receipt links to one delivery).

Please be aware, that only the incoming instruction will be validated, therefore completeness of Before/After/With linkages couldn't be verified. Failed settlements because of wrong or incomplete linkage parameters lie in the responsibility of the client.

There are two steps required to modify a linkage between two or several instructions (e.g. from WITH to BEFO):

The original instruction must be "unlinked". I.e. a modification instruction must be sent including the linkage type "UNLK" and the same position code as the original instruction (e. g. "WITH"). This suspends the links referenced in the instruction in question.

Then another modification instruction must be sent including the linkage type "LINK" and the new position code (e. g. "BEFO").

Linkages could be modified until one leg of the linked instructions has been settled or cancelled.

A "pool reference" can be used to link more than two instructions. A collective reference must be assigned to the settlement instructions that shall be linked in this way. This reference number must be included in all linked instructions of the same pool. Instructions with a pool reference must include a pool counter indicating the total number of linked instructions. OeKB CSD rejects instructions which exceed the total number of linked instructions for a pool reference.

To add a pool reference to an instruction or to modify the pool counter of an instruction, all linked instruction must be cancelled and sent new.

Partial settlement is not possible for linked instructions.

Linkage could be only instructed for external transactions. Transactions with a counterparty at Erste Group could be linked as of phase 2 of the implementation project.

### 1.3.2.5 Partial Settlement

Settlement instructions can be settled partially if the available quantity of units does not cover the transaction. Partial settlements take place in partial settlement windows, currently scheduled at 10:00/12:00 /14:00/15:45 CET.

Partial settlement needs to be instructed in the following way:

SWIFT field :22F::STCO//PART – Partial settlement is allowed.

SWIFT field :22F::STCO//NPAR – Partial settlement is not allowed.

If above mentioned field is not available, the default will be partial settlement is not allowed.

Partial settlement will be confirmed by Erste Group in following way:

SWIFT field :22F::PARS//PAIN - Part of the instruction remains unsettled.

SWIFT field :22F::PARS//PARC – Final settlement has taken place. No additional settlement will take place.

Partial settlement is not possible for following transactions

- Multicurrency instructions
- External-CSD settlement (counterparty does not hold an account with a T2S-in CSD)
- Linked instructions
- Internal Transactions at Erste Group until implementation of phase 2

### 1.3.3 Matching of Instructions

Delivery and receipt instructions will be compared to identify corresponding instructions and to combine them into one transaction.

For transactions within Erste Group matching fields will not change until implementation phase 2.

For external transactions, it will be distinguished between mandatory, additional and optional matching fields. Matching takes place in predefined windows during night time settlement and real-time throughout the operating day.

#### 1.3.3.1 Mandatory Matching Fields

Following fields are mandatory for either instructions against payment or free of payment:

Matching Field	DvP/DwP/PFOD	FOP
Payment Type Code	Y	Y
Securities Movement Type	Y	Y
Intended Settlement Date	Y	Y
Trade Date	Y	Y
Settlement Quantity	Y	Y
ISIN Code	Y	Y
Delivering Party BIC Code	Y	Y
Receiving Party BIC Code	Y	Y
Delivering CSD BIC Code	Y	Y
Receiving CSD BIC Code	Y	Y
Currency	Y	N
Settlement Amount	Y	N
CREDIT / DEBIT Code	Y	N

#### 1.3.3.2 Tolerance Amount for Matching

For the settlement amount following matching tolerances are in place:

- <100.000 EUR = 2 EUR
- >100.000 EUR = 25 EUR

### 1.3.3.3 Additional Matching Fields

Additional matching fields become mandatory matching fields if one of the instructions contains values in the following fields:

Matching Field	DvP/DwP	FOP
Opt-out ISO transaction condition indicator	Y	Y
Ex/Cum ISO transaction condition indicator	Y	Y

Please be aware that the Opt-out and the Ex/Cum indicator could be used as part of the settlement instruction but will not be considered in the market claim detection management process. For more details please see chapter „Transaction Management“.

Here possible scenarios to match additional matching fields:

Opt-Out Indicator		
Delivery	Receipt	T2S Matching Result
Blank	Blank	Matching
Blank	Opt-Out	No Matching
Opt-Out	Opt-Out	Matching
Opt-Out	Blank	No Matching

Ex/Cum Indicator		
Delivery	Receipt	T2S Matching Result
Blank	Blank	Matching
Blank	Cum	No Matching
Blank	Ex	No Matching
Ex	Ex	Matching
Ex	Blank	No Matching
Ex	Cum	No Matching
Cum	Cum	Matching
Cum	Ex	No Matching
Cum	Blank	No Matching

### 1.3.3.4 Optional Matching Fields

Optional matching fields become mandatory matching fields if both of the instructions contain values in the following fields:

Matching Field	DvP/DwP	FOP
Common Trade Reference	Y*	Y*
Client of delivering CSD participant	Y	Y
Client of receiving CSD participant	Y	Y
SAC of the delivering party	Y	Y
SAC of the receiving party	Y	Y

\*not supported by Erste Group

If only one instruction shows values in these fields but not the counterparty instruction, this field is not a mandatory matching field.

## 1.3.4 Settlement



### **1.3.4.1 Settlement**

Following transaction types are possible:

- Internal Settlement – both counterparties hold an account with Erste Group
- Intra-CSD Settlement – both counterparties hold an account with one CSD
- Cross-CSD Settlement – each counterparty holds an account with a different CSD
- External-CSD Settlement – one counterparty holds an account with a T2S-in CSD, the other holds an account with a T2S-out CSD

#### **1.3.4.1.1 Internal Settlement**

Internal settlement within Erste Group will not change in the phase 1 implementation. Transactions will settle if matched and sufficient funds (cash and securities) are available. The settlement will take place on or after intended settlement date, as soon as all conditions are met, within Erste Groups business hours.

#### **1.3.4.1.2 External Settlement**

External settlements will take place if all criteria's defined by the T2S settlement platform are met which are:

- Intended settlement date is reached
- Instructions are matched
- Sufficient funds (cash and securities) are available
- All Hold statuses are released
  - Party Hold
  - CSD Hold (managed by CSD)
  - CSD Validation Hold (managed by CSD)
  - CoSD Hold (managed by CSD)

If sufficient funds are not available and the partial settlement indicator is activated, partial settlement will be initiated as soon as a partial settlement window is reached.

Linked instructions are settled as defined in the linkage block (BEFO, AFTE, WITH, POOL).

### **1.3.5 Status Reporting**

#### **1.3.5.1.1 Internal Transactions**

The status reporting for internal transactions will stay unchanged.

#### **1.3.5.1.2 External Transactions**

The T2S platform combines status reporting for following areas:

- Processing status
- Matching status
- Settlement status

Based on this combination of status information, the T2S platform has implemented a multiple-status reporting. Erste Group will accept multiple reason codes from CSDs but forward them to the client in sequential order (one reason code per SWIFT MT548 message) to avoid the need for changes on client side.

### **1.3.6 Allegements**

Allegement notifications are sent after the "standard delay period" has elapsed or by the "before cut-off" time, if matching was not successful.

- Standard delay period = 1 hour after the first matching attempt
- Before cut-off = 5 hours prior to the intended settlement day's FOP cut-off time. This time will be calculated only on the intended settlement day. This should prevent allegements from being sent too closely before the end of the ISD.

Erste Group will import all allegments received and try to identify the counterparty either via account number or via BIC code. If the counterparty could be clearly identified, the information will be forwarded.

Allegements will not be sent for internal transactions.

### **1.3.7 Cancellations**

#### **1.3.7.1 Cancellation initiated by client**

Instructions can be cancelled unilaterally as long as they have not been matched. Matched instructions require bilateral cancellation and could be performed until settlement has taken place.

#### **1.3.7.2 Cancellation initiated by System**

Settlement instructions are recycled in the end-of-day processing. All message types with status "unmatched" which have reached their final recycling day are deleted.

Recycling Periods:

- Unmatched instructions are cancelled after 20 bank working days
- Matched instructions remain in the system for an unlimited amount of time

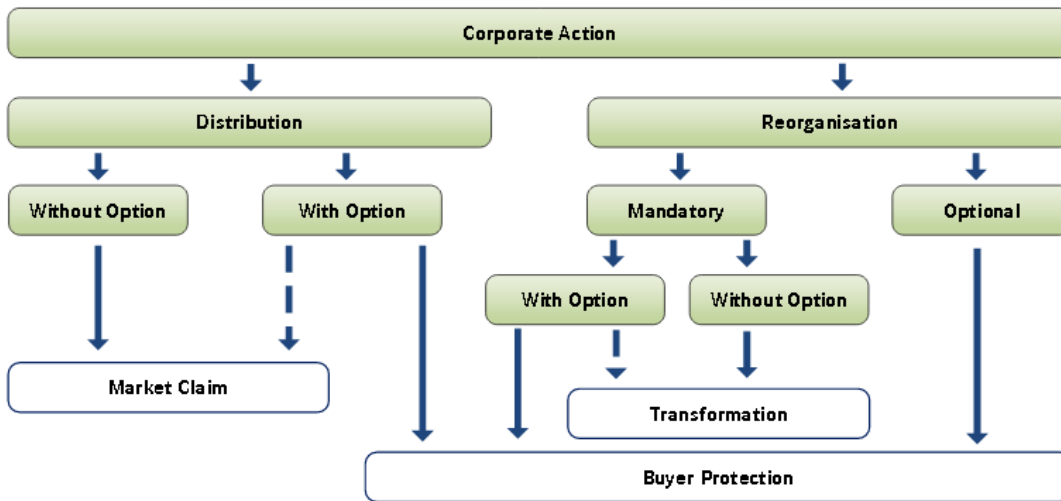
#### **1.3.7.3 Cancellation initiated by CSD**

CSD's will cancel instructions as part of the transformation process. For more information please see chapter „Transformation“.

### **1.3.8 Transaction Management**

Transaction management covers the handling of corporate actions on flow, which means the proceeds of the underlying corporate action on stock are reallocated to the actual beneficial owner of securities based on an existing pending or settled transaction.

Depending on the type of event, transaction management results either in market claims, transformation or buyer protection.



### 1.3.8.1 Market Claim

As per the market standards for CA, a market claim is a process to reallocate the proceeds of a distribution to the contractually entitled party.

Market Claims for external transactions will be detected by the instruction owning CSD (IOC) after close of business (18:00 CET) based on trade date and settlement date of the underlying transaction. The detection period starts with record date of the underlying event and takes a maximum time of 20 business days. Market Claims may require matching or release, depending of the underlying transaction.

Case	Trade Date	Effective Settlement Date	Market Claim
1	< Ex Date	> Record Date	From Seller to Buyer
2	>= Ex Date	> Record Date	No
3	>= Ex Date	<= Record Date	From Buyer to Seller*
4	< Ex Date	<= Record Date	No

\*Erste Group will calculate reverse market claims as part of the corporate action on stock and therefore not shown as transaction.

Please be aware that due to the decision of the Austrian Corporate Action Working Group (CANIG) the indicator Opt-out and EX/CUM will be ignored in the detection of market claims and is therefore not considered in this picture.

Erste Group will handle all above mentioned requirements for you and make sure the market claim settles in the market. You will be informed about the successful execution via SWIFT MT566 as soon as market claim (and subsequently the underlying transaction) are booked. There will be no difference in processing internal and external transactions for the client.

For general changes in the SWIFT format MT566 please refer to chapter „Corporate Actions“.

### 1.3.8.2 Transformation

Transformation is defined as the process by which pending transactions still unsettled by the end of Record Date/market deadline, are cancelled and replaced in accordance with the terms of the reorganisation.

As per the market standards for corporate actions the following event types trigger the transformation of a pending transaction:

- Mandatory reorganisations;
- Mandatory reorganisations with options (with or without a valid buyer election) as a single event or as the second part of the distribution event with options;
- Voluntary reorganisations where a valid buyer protection has been agreed

### 1.3.8.2.1 External Transactions

The IOC will select all transactions concerned on record date and apply following action dependent on status of the transaction and event type:

#### **Mandatory Reorganisation without Option:**

- Unmatched: The transaction will be cancelled, but not transformed
- Matched: The complete transaction will be cancelled and transformed
- Partially Settled: The still pending quantity of the transaction will be cancelled and transformed

#### **Mandatory Reorganisation with Option:**

- All transactions will be cancelled, but not transformed

Erste Group will accept all related messages from the IOC and will keep the client informed accordingly.

Please be aware that the opt-out indicator will be considered for transformations. Having the indicator set in the underlying instruction will suppress the creation of transformed transactions.

**Cancellations** due to transformations will be reported by SWIFT MT548 with following fields:

#### *Sequence A -General Information*

:23G::INST Message reporting on an instruction status.

#### *Optional Repetitive Subsequence A1 Linkages*

:20C::RELA//client reference of the MT54x SWIFT message that was originally sent

#### *Mandatory Repetitive Subsequence A2 Status*

:25D::IPRC//CAND

#### *Optional Repetitive Subsequence A2a Reason*

:24B::CAND//CANT Cancelled due to transformation

**Transformed** unsettled instructions will be indicated via SWIFT MT548 with following fields:

#### *Sequence A -General Information*

:23G::INST Message reporting on an instruction status.

#### *Optional Repetitive Subsequence A1 Linkages*

:20C::SEME//reference of the transformation generated by Erste Group. The reference must be used every time the instruction is to be cancelled or modified.

:20C::RELA// client reference of the MT54x SWIFT message that was originally sent

:20C::CORP//Erste Group's reference of the corporate action

#### *Mandatory Repetitive Subsequence A2 Status*

:25D::Status of the transformation

#### *Optional Repetitive Subsequence A2a Reason*

:24B::PEND//Reason Code

#### *Optional Sequence B Settlement Transaction Details*

:35B: The new ISIN is used to identify the security.

:36B: Transformed quantity is specified as nominal value or as number of units

:19A: Transformed settlement amount of the instruction

:22F::STCO//TRAN Indicates the transformed instruction

Please be aware that clients will have to send cancellations/amendments to transformed pending instructions by indication of Erste Group's generated reference (field :20C::RELA). If this reference is not indicated, manual intervention will be required which may lead to time delays in processing and non-STP charges.

**Transformed** settled instructions will be indicated via SWIFT MT544-MT547 with following fields:

*Optional Repetitive Subsequence A1 Linkages*

:20C::SEME//reference of the transformation generated by Erste Group. The reference must be used every time the instruction is to be cancelled or modified.

:20C::RELA// client reference of the MT54x SWIFT message that was originally sent

:20C::CORP//Erste Group's reference of the corporate action

*Optional Sequence B Settlement Transaction Details*

:98C::ESET//Effective Settlement Date

:35B: The new ISIN is used to identify the security.

:36B: Transformed quantity is specified as nominal value or as number of units

:19A: Transformed settlement amount of the instruction

*Mandatory Sequence E Settlement Details*

:22F::STCO//TRAN Indicates the transformed instruction

### **1.3.8.3 Buyer Protection**

In the event of the seller being late to deliver the securities, buyer protection enables the buyer to participate in an optional corporate action. This is done by the seller, who submits an instruction with the appropriate agent that conforms with the buyer's request. The CSD provides a form so that both counterparties can make a bilateral agreement to ensure the buyer's participation in the optional corporate action. Please find a template proposed by the CAJWG:

[http://www.afme.eu/uploadedFiles/Content/Divisions\\_%28Public%29/Post-Trade/BPI%20March%202014\\_MC\\_FINAL\\_MAY%202014.pdf](http://www.afme.eu/uploadedFiles/Content/Divisions_%28Public%29/Post-Trade/BPI%20March%202014_MC_FINAL_MAY%202014.pdf)

If the "Buyer Protection Deadline" and "Guaranteed Participation Date" data are made available by the issuer, they will be communicated in the SWIFT MT564.

As the CSD does not provide an automated BP service, the buyer and seller shall cancel the underlying transaction and re-instruct, in accordance with the BP instruction, at the market deadline / record date of the voluntary reorganisation.

### **1.3.9 Corporate Actions**

Erste Group will create a unique reference for each event and populate in SWIFT MT564/MT566 as follows:

*Optional Repetitive Sequence A1 Linkages*

:20C::CORP//Corporate Action Reference

### **1.3.10 Testing**

The T2S environment will be available for WAVE 4 community testing as of 11th of July 2016.

Here the official schedule:

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
	Q2		Q3			Q4			Q1		
	2016										
	2017										
<b>Communication</b>	Gathering Sec. Account Settings										
<b>Test/Migration</b>	Customer Communication										
	Preparation Static Data for Community Env.	PMDR MIG2 (Community Test Env.)					PMDR Pre-Prod				
		DCP Connectivity Tests	DCP Certification Testing								
	Free Tests ICP (connected to EAC Env.)	Free Tests ICP and DCP (U2A, A2A)									
		Authorisation Tests ICP / DCP									
	Tests conducted by OeKB CSD Focus days										
								Business Day Tests 02.01.-20.01.2017			
<b>Production</b>						Deadline for Updates of Account Settings	Pre-Migration Wave 4				

Erste Group will offer possibilities for their clients to perform tests. Client testing windows will be announced separately. To enable our clients to prepare their testing environment beforehand, we provide herewith our SWIFT Test BIC: ZYAFATW0XXX.

### 1.3.11 SWIFT Guide

Erste Group will provide a comprehensive SWIFT Guide including templates at a later stage.

### 1.3.12 Migration

T2S Wave 4 will go live on 6th of February 2017. The OeKB CSD will migrate all positions on the weekend 4th/5th of February 2017. The migration will have no impact on your holdings held with Erste Group.