QKB CSD

Using T2S for Transaction Management
SWIFT ISO 15022 Examples

Version 1.4 / Public / June 2019

QKB CSD

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1. Introduction

1.1 Aim of the Document

This document provides examples of SWIFT ISO 15022 messages, which are generated by OeKB CSD following the Transaction Management processes under T2S for the Austrian Capital Market.

These examples refer to the document "Using T2S for Transaction Management" being the guideline for applying the T2S standards for Corporate Actions in the Austrian Capital Market.

1.2 Contents and Structure of the Document

This document contains examples of SWIFT messages for several scenarios of Market Claim and Transformations.

Chapter 2 contains SWIFT messages in connection with Market Claims/Reverse Claims.

For Claims out of Cash-Distributions OeKB CSD will send the following SWIFT messages:

— MT548 Settlement Status and Processing Advice

— MT545 or M547 Settlement Confirmation

— MT566 Corporate Action Confirmation

For Claims out of Securities-Distributions OeKB CSD will send the following SWIFT messages:

— MT548 Settlement Status and Processing Advice

— MT544 or M546 Settlement Confirmation

Chapter 3 contains SWIFT messages in connection with Transformations.

For Transformations OeKB CSD will send the following SWIFT messages:

— MT548 Settlement Status and Processing Advice

— MT544, MT545, MT546 or MT547 Settlement Confirmation

2. Market Claims

2.1 Market Claim – Example Cash Dividend

Trade Date before Ex Date / pending Settlement Transactions on Record Date

At EOD on the Record Date the Instruction Owning CSD identifies pending settlement instructions and generates Market Claim instructions for entitled transactions. On the Trade Date the transaction was entered "cum dividend". Open entitlements have to be transferred "from the Seller to the Buyer". The Market Claim instructions are forwarded to T2S using sese.023 messages.

case DVCA

Ex Date	21.03.2016
Record Date	22.03.2016
Payment Date	24.03.2016

Underlying Settlement Instruction

Trade Date	17.03.2016
Intended Settlement Date	21.03.2016

Market Claim Instruction

Trade Date	17.03.2016
Intended Settlement Date	24.03.2016
Effective Settlement Date	30.03.2016

2.1.1 Underlying Settlement Instruction MT543 Delivery vs. Payment

OeKB CSD receives an MT543 Settlement message from a CSD participant.

```
:16R:GENL
:20C::SEME//272883
:23G:NEWM
:16S:GENL
:16R:TRADDET
:98A::SETT//20160321
:98A::TRAD//20160317
:35B:ISIN AT0000741053
EVN AKT O.N.
:16S:TRADDET
:16R:FIAC
:36B::SETT//UNIT/300,
:97A::SAFE//OCSD567800
:16S:FIAC
```

```
:16R:SETDET
:22F::SETR//TRAD
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::REAG//BKAUATWWXXX
:16S:SETPRTY
:16R:AMT
:19A::SETT//EUR3450,
:16S:AMT
:16S:SETDET
```

2.1.2   MT548 Settlement Status and Processing Advice

OeKB CSD sends an MT548 Settlement Status message to the participants informing them of the generation of a Market Claim instruction, which was previously sent to the T2S System in form of a sese.023 message.

In this example of a SWIFT MT548 message both Party Hold and CSD Hold are set. After the release of the CSD Hold another SWIFT MT548 message will be sent indicating the new status.

References in the linkage block:

— **RELA**: This field contains "NONREF" if an instruction is created for an authorized securities account.
— **PCTI**: This field contains the reference of the market claim generated by OeKB CSD.
  This reference has to be used in case of a cancellation or an amendment of the instruction.
— **PREV**: This field contains the customer reference of the underlying instruction.
— **MITI**: Unique T2S reference of the Market Claim instruction
— **CORP**: Corporate Action Reference

Example for MT548

```
:16R:GENL
:20C::SEME//OCSD101100156701
:23G:INST
:98C::PREP//20160324184500
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//CS160324101            Reference of the Market Claim generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//272883                 Customer reference of the Underlying Settlement Instruction
:16S:LINK
```

```
:16R:LINK
:20C::MITI//1905171339612455          Instruction reference of the Market Claim in T2S
:16S:LINK
:16R:LINK
:20C::CORP//DVCA00005575             Corporate Action reference
:16S:LINK
:16R:STAT
:25D::IPRC//PACK
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN AT0000741053
:36B::SETT//UNIT/0,
:19A::SETT//EUR91,35
:97A::SAFE//OCSD567800
:22F::SETR//CLAI
:22F::STCO//NPAR
:22H::REDE//DELI
:22H::PAYM//APMT
:98A::TRAD//20160317
:98A::SETT//20160324
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::REAG//BKAUATWWXXX
:16S:SETPRTY
:16S:SETTRAN
```

2.1.3   MT544-547 Settlement Confirmation

After the settlement of a Market Claim instruction OeKB CSD sends a SWIFT MT544-547 Settlement Confirmation message to the CSD participant.

References in the linkage block:

— **RELA**: This field contains "NONREF" if an instruction is created for an authorized securities account.
— **PCTI**: This field contains the reference of the market claim generated by OeKB CSD.
— **PREV**: This field contains the customer reference of the underlying instruction
— **MITI**: Unique T2S reference of the Market Claim instruction
— **CORP**: Corporate Action Reference

Market Claim specific data in the Mandatory Sequence E Settlement Details:

— :22F: - Type of Settlement Transaction

— **CLAI**: indicates that the instruction results from a Market Claim or Reverse Claim.

Data in the Mandatory Sequence C Financial Instrument/Account:

— :36B: - Quantity of Financial Instrument Settled

— **ESTT**: The effective settlement volume.
  For PFD (Payment free of Delivery) instructions this field contains "0,".

Example MT547

```
:16R:GENL
:20C::SEME//OCSD102023456815
:23G:NEWM
:98C::PREP//20160330151014
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//CS160324101              Reference of the Market Claim generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//272883                   Customer reference of the Underlying Settlement Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905171339612455         Instruction reference of the Market Claim in T2S
:16S:LINK
:16R:LINK
:20C::CORP//DVCA00005575             Corporate Action Reference
:16S:LINK
:16S:GENL
:16R:TRADDET
:98A::TRAD//20160317
:98A::SETT//20160324
:98C::ESET//20160330152141
:35B:ISIN AT0000741053
:22F::PRIR//0004
:16S:TRADDET
:16R:FIAC
:36B::ESTT//UNIT/0,
:97A::SAFE//OCSD567800
:97E::CASH//CATEUR01234567890
:16S:FIAC
:16R:SETDET
:22F::SETR//CLAI
:22F::STCO//NPAR
```

```
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::REAG//BKAUATWWXXX
:16S:SETPRTY
:16R:AMT
:19A::ESTT//EUR91,35
:16S:AMT
:16S:SETDET
```

2.1.4 MT566 Corporate Action Confirmation

After the settlement of the Market Claim instruction (MT544-547) OeKB CSD sends a SWIFT MT566 Corporate Action Confirmation message to the CSD participant.

References in the Linkage Block:

— **PREV**: This field contains the reference to the underlying MT564 REPE.

— **RELA**: This field contains the customer reference to the Underlying Settlement Instruction.

Market Claim specific data within the Optional Sequence C Corporate Action Details:

— :22F: ADDB-Indicator: Additional Business Process Indicator

— **CLAI**: in case the Corporate Action Confirmation results from a Market Claim or Reverse Claim.

Market Claim specific data in the Mandatory Sequence B Underlying Securities:

— :93B: - CONB – Confirmed Balance

— **UNIT** or **FAMT**: negative sign (N) within the message to the Seller

Trade Market Claim:

Buyer (OCSD123456)   300 Units
Seller (OCSD567800)   -300 Units
Market Claim: from the Seller to the Buyer

Trade Date 17.03.2016; Effective Settlement Date 30.03.2016
Ex Day   21.03.2016
Record Date   22.03.2016
Payment Date   24.03.2016

Market Claim Criteria: Trade Date < Ex Date & Effective Settlement Date > Record Date
Example MT566 CLAI Seller (Debit)

```
:16R:GENL
:20C::CORP//DVCA00005575
:20C::SEME//CS2996333
```

```
:23G:NEWM
:22F::CAEV//DVCA
:98C::PREP//20160330184609
:16R:LINK
:13A::LINK//564
:20C::PREV//CS2992381                    Reference of Underlying MT564 REPE
:16S:LINK
:16R:LINK
:20C::RELA//272883                       Customer reference to the Underlying Settlement Instruction
:16S:LINK
:16S:GENL
:16R:USECU
:97A::SAFE//OCSD567800
:35B:ISIN AT0000741053
EVN AKT O.N.
:93B::CONB//UNIT/N300,                   SELLER OF TRADE, therefore N
:16S:USECU
:16R:CADETL
:98A::XDTE//20160321
:98A::RDTE//20160322
:22F::ADDB//CLAI
:16S:CADETL
:16R:CACONF
:13A::CAON//001
:22F::CAOP//CASH
:16R:CASHMOVE
:22H::CRDB//DEBT                          SELLER (DEBT) to BUYER
:97A::CASH//CATEUR01234567890
:19B::PSTA//EUR91,35
:19B::GRSS//EUR126,
:19B::NETT//EUR91,35
:19B::TAXR//EUR34,65
:98A::POST//20160330
:98A::VALU//20160330
:98A::PAYD//20160324
:92F::GRSS//EUR0,42
:92A::TAXR//27,5
:16S:CASHMOVE
:16S:CACONF
:16R:ADDINFO
:70E::ADTX//Compensation payment for OTC instruction with trade date 17/03/2016.
:16S:ADDINFO
```

Example MT566 CLAI Buyer (Credit)

```
:16R:GENL
:20C::CORP//DVCA00005575
:20C::SEME//CS3605110
:23G:NEWM
:22F::CAEV//DVCA
:98C::PREP//20160330184610
:16R:LINK
:13A::LINK//564
:20C::PREV//CS2582180                Reference of the underlying MT564 REPE
:16S:LINK
:16R:LINK
:20C::RELA//272993                   Customer reference to the Underlying Settlement Instruction
:16S:LINK
:16S:GENL
:16R:USECU
:97A::SAFE//OCSD123456
:35B:ISIN AT0000741053
EVN AKT O.N.
:93B::CONB//UNIT/300,
:16S:USECU
:16R:CADETL
:98A::XDTE//20160321
:98A::RDTE//20160322
:22F::ADDB//CLAI
:16S:CADETL
:16R:CACONF
:13A::CAON//001
:22F::CAOP//CASH
:16R:CASHMOVE
:22H::CRDB//CRED                      SELLER to BUYER (CRED)
:97A::CASH//CATEUR09876543210
:19B::PSTA//EUR91,35
:19B::GRSS//EUR126,
:19B::NETT//EUR91,35
:19B::TAXR//EUR34,65
:98A::POST//20160330
:98A::VALU//20160330
:98A::PAYD//20160324
:92F::GRSS//EUR0,42
:92A::TAXR//27,5
:16S:CASHMOVE
:16S:CACONF
```

```
:16R:ADDINFO
:70E::ADTX//Compensation payment for OTC instruction with trade date 17/03/2016.
:16S:ADDINFO
```

2.2 Market Claim – Distribution in Securities

Trade Date Before Ex Date / Pending Settlement Transaction on Record Date

On the record date EOD the instruction owner CSD determines which settlement instructions are pending and generates the corresponding market claim instructions for transactions with entitlements. The transaction was made "cum dividend" on the trade date. In this case, pending entitlements must be transferred "from the seller to the buyer".

The market claim instructions are forwarded to T2S as sese.023 messages.

The market claim instructions for securities to which the status messages relate are free of payment (FOP).

Therefore, the settlement confirmations generated will be SWIFT MT544 or MT546 messages.

case RHDI

Ex Date	30.05.2016
Record Date	31.05.2016
Payment Date	01.06.2016

Underlying Settlement Instruction

Trade Date	27.05.2016
Intended Settlement Date	31.05.2016

Market Claim Instruction

Trade Date	27.05.2016
Intended Settlement Date	01.06.2016
Effective Settlement Date	02.06.2016

2.2.1 Underlying Settlement Instruction MT543 Delivery vs. Payment

OeKB CSD receives an MT543 Settlement message from a CSD participant.

```
:16R:GENL
:20C::SEME//266881
:23G:NEWM
:16S:GENL
:16R:TRADDET
:98A::SETT//20160527
:98A::TRAD//20160531
:35B:ISIN AT0000609607
:16S:TRADDET
:16R:FIAC
```

```
:36B::SETT//UNIT/300,
:97A::SAFE//OCSD567800
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::REAG//BKAUATWWXXX
:16S:SETPRTY
:16R:AMT
:19A::SETT//EUR7908,
:16S:AMT
:16S:SETDET
```

2.2.2 MT548 Settlement Status and Processing Advice

OeKB CSD sends an MT548 Settlement Status message to the participants informing them of the generation of a Market Claim instruction, which was previously sent to the T2S System in form of a sese.023 message.

In this example of a SWIFT MT548 message both Party Hold and CSD Hold are set. After the release of the CSD Hold another SWIFT MT548 message will be sent indicating the new status.

References in the linkage block:

— **RELA**: This field contains "NONREF" if an instruction is created for an authorized securities account.
— **PCTI**: This field contains the reference of the market claim generated by OeKB CSD.
  This reference has to be used in case of a cancellation or an amendment of the instruction.
— **PREV**: This field contains the customer reference of the underlying instruction.
— **MITI**: Unique T2S reference of the Market Claim instruction
— **CORP**: Corporate Action Reference

Example for MT548

```
:16R:GENL
:20C::SEME//OCSD101100154711
:23G:INST
:98C::PREP//20160531184500
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//CS160324777            Reference of the Market Claim generated by OeKB CSD
:16S:LINK
```

```
:16R:LINK
:20C::PREV//272883                    Customer Reference to the Underlying Settlement Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905171339612456          Instruction reference of the Market Claim in T2S
:16S:LINK
:16R:LINK
:20C::CORP//RHDI00008817              Corporate Action reference
:16S:LINK
:16R:STAT
:25D::IPRC//PACK
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN AT0000A1L6V3
:36B::SETT//UNIT/300,
:97A::SAFE//OCSD567800
:22F::SETR//CLAI
:22F::STCO//NPAR
:22H::REDE//DELI
:22H::PAYM//FREE
:98A::TRAD//20160527
:98A::SETT//20160601
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::REAG//BKAUATWWXXX
:16S:SETPRTY
:16S:SETTRAN
```

2.2.3   MT544-547 Settlement Confirmation

OeKB CSD will send a SWIFT MT544-547 Settlement Confirmation message to the customers after the execution of the Market Claim Instruction.

After the settlement of a Market Claim instruction OeKB CSD sends a SWIFT MT544-547 Settlement Confirmation message to the CSD participant.

References in the linkage block:

— **RELA**: This field contains "NONREF" if an instruction is created for an authorized securities account.

— **PCTI**: This field contains the reference of the market claim generated by OeKB CSD.

— **PREV**: This field contains the customer reference of the underlying instruction

— **MITI**: Unique T2S reference of the Market Claim instruction

— **CORP**: Corporate Action Reference

Market Claim specific data in the Mandatory Sequence E Settlement Details:

— :22F: - Type of Settlement Transaction
— **CLAI**: indicates that the instruction results from a Market Claim or Reverse Claim.

Data in the Mandatory Sequence C Financial Instrument/Account:

— :36B: - Quantity of Financial Instrument Settled
— **ESTT**: The effective settlement volume.
   For PFD (Payment free of Delivery) instructions this field contains "0,".

Example MT546

```
:16R:GENL
:20C::SEME//OCSD102028153456
:23G:NEWM
:98C::PREP//20160702151014
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//CS160324777          Reference of the Market Claim generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//272883              Customer reference of the Underlying Settlement Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905171339612456    Instruction reference of the Market Claim in T2S
:16S:LINK
:16R:LINK
:20C::CORP//RHDI00008817        Corporate Action Reference
:16S:LINK
:16S:GENL
:16R:TRADDET
:98A::TRAD//20160527
:98A::SETT//20160601
:98C::ESET//20160602152141
:35B:ISIN AT0000A1L6V3
:22F::PRIR//0004
:16S:TRADDET
:16R:FIAC
:36B::ESTT//UNIT/300,
:97A::SAFE//OCSD567800
```

```
:16S:FIAC
:16R:SETDET
:22F::SETR//CLAI
:22F::STCO//NPAR
:22F::SSBT/RT/AWAS:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::REAG//BKAUATWWXXX
:16S:SETPRTY
:16S:SETDET
```

2.3   Reverse Claim - Example Cash Dividend

Trade Date on/after Ex Date - The Settlement takes place before or/on Record Date

The transaction was entered "Ex-Dividend" after the Trade date. The settlement of the instruction has already taken place before or on the Record Date (shortened settlement period). Therefore the position is already booked on the account of the buyer before Record Date EOD. The entitlement identified on the Record Date has to be transferred "from the Buyer to the Seller". The Instruction Owning CSD generates a Reverse Claim. Already booked payments have to be transferred "from the Buyer to the Seller" (Reverse Claim). These are sent to T2S in form of a sese.023 message.

Case DVCA

Ex date	27.01.2016
Record Date	28.01.2016
Payment Date	29.01.2016

Underlying Settlement Instruction

Trade Date	27.01.2016
Intended Settlement Date	28.01.2016
Effective Settlement Date	28.01.2016

Reverse Claim Instruction

Trade Date	27.01.2016
Intended Settlement Date	29.01.2016
Effective Settlement Date	29.01.2016

2.3.1   Underlying Settlement Instruction MT541 Receive vs. Payment

OeKB CSD receives a MT541 Settlement message from a CSD participant.

```
:16R:GENL
:20C::SEME//1912830020160117
:23G:NEWM
:16S:GENL
```

```
:16R:TRADDET
:98A::SETT//20160128
:98A::TRAD//20160127
:35B:ISIN AT0000730007
ANDRITZ AKT.O.N.
:16S:TRADDET
:16R:FIAC
:36B::SETT//UNIT/200,
:97A::SAFE//OCSD567800
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//BKAUATWWXXX
:16S:SETPRTY
:16R:AMT
:19A::SETT//EUR8900,
:16S:AMT
:16S:SETDET
```

2.3.2 MT548 Settlement Status and Processing Advice

OeKB CSD sends an MT548 Settlement Status message to the participant informing about the generation of a Reverse Market Claim instruction, which was previously sent to the T2S System in form of a sese.023 message.

Example MT548

```
:16R:GENL
:20C::SEME//OCSD123100151612
:23G:INST
:98C::PREP//20160128184500
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//CS165678910          Reference of the Reverse Claim generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//1912830020160117     Customer Reference of the Underlying Settlement Instruction
:16S:LINK
:16R:LINK
```

```
:20C::MITI//1905171339612457          T2S Reference of the Market Claim Instruction
:16S:LINK
:16R:LINK
:20C::CORP//DVCA00011321              Corporate Action Reference
:16S:LINK
:16R:STAT
:25D::IPRC//PACK
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN AT0000730007
:36B::SETT//UNIT/0,
:19A::SETT//EUR219,24
:97A::SAFE//OCSD567800
:22F::SETR//CLAI
:22F::STCO//NPAR
:22H::REDE//RECE
:22H::PAYM//APMT
:98A::TRAD//20160127
:98A::SETT//20160129
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//BKAUATWWXXX
:16S:SETPRTY
:16S:SETTRAN
```

2.3.3   MT544-547 Settlement Confirmation

After the settlement of a Reverse Claim Instruction OeKB CSD sends a SWIFT MT544-547 Settlement
Confirmation message to the CSD participant.

Example MT545

```
:16R:GENL
:20C::SEME//OCSD102557450123
:23G:NEWM
:98C::PREP//20160129185002
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//CS165678910               Reference of the Market Claim generated by OeKB CSD
:16S:LINK
```

```
:16R:LINK
:20C::PREV//1912830020160117          Customer Reference of the Underlying Settlement Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905171339612457          T2S Reference of the Market Claim Instruction
:16S:LINK
:16R:LINK
:20C::CORP//DVCA00011321              Corporate Action Reference
:16S:LINK
:16S:GENL
:16R:TRADDET
:98A::TRAD//20160127
:98A::SETT//20160129
:98C::ESET//20160129152141
:35B:ISIN AT0000730007
:22F::PRIR//0004
:16S:TRADDET
:16R:FIAC
:36B::ESTT//UNIT/0,
:97A::SAFE//OCSD567800
:97E::CASH//CATEUR01234567890
:16S:FIAC
:16R:SETDET
:22F::SETR//CLAI
:22F::STCO//NPAR
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//BKAUATWWXXX
:16S:SETPRTY
:16R:AMT
:19A::ESTT//EUR219,24
:16S:AMT
:16S:SETDET
```

2.3.4   MT566 Corporate Action Confirmation

After the settlement of a Reverse Claim Instruction (MT544-547) OeKB CSD sends a SWIFT MT566 Corporate Action Confirmation message to the CSD participant.

Trade Reverse Claim:

Buyer (OCSD123400)   200 Units
Seller (OCSD567800)   -200 Units

Reverse Claim: from the Buyer to the Seller

Underlying Settlement Instruction:
Trade Date 27/01/2016; Effective Settlement Date 28/01/2016

Reverse Claim Criteria:
Trade Date >= Ex Date & Effective Settlement Date <= Record Date

Example MT566 CLAI Buyer (Debit)

```
:16R:GENL
:20C::CORP//DVCA00011321
:20C::SEME//CS7654321
:23G:NEWM
:22F::CAEV//DVCA
:98C::PREP//20160129153037
:16R:LINK
:13A::LINK//564
:20C::PREV//CS2444220                Reference of the Underlying MT564 REPE
:16S:LINK
:16R:LINK
:20C::RELA//1912830020160117         Customer Reference to the Underlying Settlement Instruction
:16S:LINK
:16S:GENL
:16R:USECU
:97A::SAFE//OCSD123400
:35B:ISIN AT0000741053
EVN AKT O.N.
:93B::CONB//UNIT/200,                BUYER of TRADE
:16S:USECU
:16R:CADETL
:98A::XDTE//20160127
:98A::RDTE//20160128
:22F::ADDB//CLAI
:16S:CADETL
:16R:CACONF
:13A::CAON//001
:22F::CAOP//CASH
:16R:CASHMOVE
:22H::CRDB//DEBT                     BUYER (DEBT) to SELLER
:97A::CASH//CATEUR01234567890
:19B::PSTA//EUR219,24
:19B::GRSS//EUR302,4
:19B::NETT//EUR219,24
:19B::TAXR//EUR83,16
```

```
:98A::POST//20160129
:98A::VALU//20160129
:98A::PAYD//20160129
:92F::GRSS//EUR1,512
:92A::TAXR//27,5
:16S:CASHMOVE
:16S:CACONF
:16R:ADDINFO
:70E::ADTX//Compensation payment for OTC
Instruction with trade date
27/01/2016.
:16S:ADDINFO
```

MT566 CLAI Seller (Credit)

```
:16R:GENL
:20C::CORP//DVCA00011321
:20C::SEME//CS3413472
:23G:NEWM
:22F::CAEV//DVCA
:98C::PREP//20160129183036
:16R:LINK
:13A::LINK//564
:20C::PREV//CS2473331              Reference of the Underlying MT564 REPE
:16S:LINK
:16R:LINK
:20C::RELA//1912830020160222      Customer Reference to the Underlying Settlement Instruction
:16S:LINK
:16S:GENL
:16R:USECU
:97A::SAFE//OCSD567800
:35B:ISIN AT0000741053
EVN AKT O.N.
:93B::CONB//UNIT/N200,            SELLER OF TRADE, therefore N
:16S:USECU
:16R:CADETL
:98A::XDTE//20160127
:98A::RDTE//20160128
:22F::ADDB//CLAI
:16S:CADETL
:16R:CACONF
:13A::CAON//001
:22F::CAOP//CASH
:16R:CASHMOVE
```

```
:22H::CRDB//CRED                    BUYER to SELLER (CRED)
:97A::CASH//CATEUR01234567890
:19B::PSTA//EUR219,24
:19B::GRSS//EUR302,4
:19B::NETT//EUR219,24
:19B::TAXR//EUR83,16
:98A::POST//20160129
:98A::VALU//20160129
:98A::PAYD//20160129
:92F::GRSS//EUR1,512
:92A::TAXR//27,5
:16S:CASHMOVE
:16S:CACONF
:16R:ADDINFO
:70E::ADTX//Compensation payment for OTC
instruction with trade date
27/01/2016.
:16S:ADDINFO
```

3. Transformations

3.1 Transformation – Example Exchange Offer (EXOF)

Trade Date before Ex Date / pending Settlement Transaction on Record Date

In case there are open transactions after the market deadline they are transformed according to the Default Option on the Record Date at EOD.

Example EXOF

Ex Date	25.01.2016
Record Date	26.01.2016

Underlying Settlement Instruction

Trade Date	25.01.2016
Intended Settlement Date	27.01.2016

Transformation Instruction

Trade Date	25.01.2016
Intended Settlement Date	27.01.2016
Effective Settlement Date	27.01.2016

3.1.1 MT540 Receive Free Instruction (Underlying Instruction)

Example MT540

```
:16R:GENL
:20C::SEME//123456                    Reference of Customer Instruction
:23G:NEWM
:16S:GENL
:16R:TRADDET
:98A::TRAD//20160125
:98A::SETT//20160127
:35B:ISIN AT00000FACC2
FACC
:16S:TRADDET
:16R:FIAC
:36B::SETT//UNIT/1,
:97A::SAFE//OCSD231700
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
```

```
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETDET
```

3.1.2   MT548 Status Message for the Cancellation of the Underlying Settlement Instruction

Example MT548

```
:16R:GENL
:20C::SEME//OCSD101100156701        Reference of the Cancellation Instruction of OeKB CSD
:23G:INST
:98C::PREP//20160126183622
:16R:LINK
:20C::RELA//123456                  Customer Reference of the cancelled Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905230274075671        Unique T2S Reference of the cancelled Instruction
:16S:LINK
:16R:LINK
:20C::CORP//EXOF00001234
:16S:LINK
:16R:STAT
:25D::IPRC//CAND
:16R:REAS
:24B::CAND//CANT
:70D::REAS//Cancelled due to transformation
:16S:REAS
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN AT00000FACC2
:36B::SETT//UNIT/1,
:97A::SAFE//OCSD231700
:22F::SETR//TRAD
:22F::STCO//TRAN
:22H::REDE//RECE
:22H::PAYM//FREE
:98A::TRAD//20160125
:98A::SETT//20160127
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
```

```
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETTRAN
```

3.1.3   MT548 Status Message for the Transformation Instruction

References in the Linkage Block:

— **RELA**: This field contains "NONREF" if an instruction is created for an authorized securities account.
— **PCTI**: This field contains the reference of the market claim generated by OeKB CSD.
  This reference has to be used in case of a cancellation or an amendment of the instruction.
— **PREV**: This field contains the customer reference of the Underlying Instruction
— **MITI**: Unique T2S reference of the newly generated instruction
— **CORP**: Corporate Action reference

Example MT548

```
16R:GENL
:20C::SEME//123456159
:23G:INST
:98C::PREP//20160126193622
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//OCSD000000000012          Reference of the Transformation generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//123456                     Customer reference of the Underlying Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905230274075671           Unique T2S Reference of the newly generated Instruction
:16S:LINK
:16R:LINK
:20C::CORP//EXOF00001234               Corporate Action Event Reference
:16S:LINK
:16R:STAT
:25D::IPRC//PACK
:16S:STAT
:16R:STAT
:25D::SETT//PEND
:16S:STAT
```

```
:16S:GENL
:16R:SETTRAN
:35B:ISIN ATNEW00FACC3
:36B::SETT//UNIT/2,
:97A::SAFE//OCSD231700
:22F::SETR//TRAD
:22F::STCO//TRAN
:22H::REDE//RECE
:22H::PAYM//FREE
:98A::TRAD//20160125
:98A::SETT//20160127
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETTRAN
```

3.1.4 MT544-547 Settlement Confirmation

Example MT544 Receive Free Confirmation

```
:16R:GENL
:20C::SEME//123456789
:23G:NEWM
:98C::PREP//20160127120123
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//OCSD000000000012        Reference of the Transformation generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::MITI//1905230274075671
:16S:LINK
:16R:LINK
:20C::CORP//EXOF00001234
:16S:LINK
:16R:LINK
:20C::PREV//1905230274070498
:16S:LINK
:16S:GENL
:16R:TRADDET
:98A::TRAD//20160125
```

```
:98C::ESET//20160127120120
:98A::SETT//20160127
:35B:ISIN ATNEW00FACC3
:22F::PRIR//0004
:16S:TRADDET
:16R:FIAC
:36B::ESTT//UNIT/2,
:97A::SAFE//231700
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
:22F::STCO//TRAN
:22F::SSBT/RT/AWAS
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETDET
```

3.2 Transformation – Example with Fractions

Reverse Split (SPLR) as an example of a Transformation with fractions

Transformation

The Instruction Owning CSD identifies pending entitled instructions on Record Date at EOD, cancels them and performs the Transformation process.

Example SPLR

Ex Date	01.12.2015
Record Date	02.12.2015
Payment Date	03.12.2015

Underlying Settlement Instruction

Trade Date	30.11.2015
Intended Settlement Date	03.12.2015

Transformation Instruction

Trade Date	30.11.2015
Intended Settlement Date	03.12.2015
Effective Settlement Date	03.12.2015

3.2.1 MT541 Receive against payment Instruction (Underlying Instruction)

Example MT541

:16R:GENL
:20C::SEME//456789   Reference of Customer Instruction
:23G:NEWM
:16S:GENL
:16R:TRADDET
:98A::TRAD//20151130
:98A::SETT//20151202
:35B:ISIN AT00000FACC2
FACC
:16S:TRADDET
:16R:FIAC
:36B::SETT//UNIT/1,
:97A::SAFE//OCSD231700
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16R:AMT
:19A::SETT//EUR10,
:16S:AMT
:16S:SETDET

3.2.2 MT548 Status Message for the Cancellation of the Underlying Settlement Instruction

:16R:GENL
:20C::SEME//1234567890
:23G:INST
:98C::PREP//20160120083622
:16R:LINK
:20C::RELA//456789   Customer Reference of the cancelled Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905230274075672   Unique T2S Reference of the newly generated Instruction
:16S:LINK
:16R:LINK
:20C::CORP// SPLR00001234

```
:16S:LINK
:16R:STAT
:25D::IPRC//CAND
:16R:REAS
:24B::CAND//CANT
:70D::REAS//Cancelled due to transformation
:16S:REAS
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN AT00000FACC2
:36B::SETT//UNIT/1,
:19A::SETT//EUR10,
:97A::SAFE//OCSD231700
:22F::SETR//TRAD
:22F::STCO//TRAN
:22H::REDE//RECE
:22H::PAYM//APMT
:98A::TRAD//20151130
:98A::SETT//20151203
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETTRAN
```

3.2.3 MT548 Status Message for the Transformation Instruction

References in the Linkage Block:

— **RELA**: This field contains "NONREF" if an instruction is created for an authorized securities account.

— **PCTI**: This field contains the reference of the market claim generated by OeKB CSD.
This reference has to be used in case of a cancellation or an amendment of the instruction.

— **PREV**: This field contains the customer reference of the Underlying Instruction

— **MITI**: Unique T2S reference of the newly generated instruction

— **CORP**: Corporate Action Reference

Example MT548

```
:16R:GENL
:20C::SEME//1011001568
:23G:INST
```

```
:98C::PREP//20160120083622
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//OCSD000000000001          Reference of the Transformation generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//456789                    Customer Reference of the Underlying Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905230274075672          Unique T2S Reference of the transformed Instruction
:16S:LINK
:16R:LINK
:20C::CORP//SPLR00001234              Corporate Action Event Reference
:16S:LINK
:16R:STAT
:25D::SETT//PEND
:16R:REAS
:24B::PEND//FUTU
:16S:REAS
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN ATNEW00FACC3
:36B::SETT//UNIT/2,
:19A::SETT//EUR9,
:97A::SAFE// OCSD231700
:22F::SETR//TRAD
:22F::STCO//TRAN
:22F::STCO//NPAR
:22H::REDE//RECE
:22H::PAYM//APMT
:98A::TRAD//20151130
:98A::SETT//20151203
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETTRAN
```

MT548 Payment free of delivery Instruction

In case the issuer has foreseen the compensation of fractions a Payment Free of Delivery Instruction will be generated in addition to the Transformation Instruction.

```
:16R:GENL
:20C::SEME//1018605985
:23G:INST
:98C::PREP//20160518134500
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//OCSD000000000002          Reference of the Transformation generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::PREV//456789                     Customer Reference of the Underlying Instruction
:16S:LINK
:16R:LINK
:20C::MITI//1905230274071212           Unique T2S Reference of the transformed Instruction
:16S:LINK
:16R:LINK
:20C::CORP//SPLR00001234               Corporate Action Event Reference
:16S:LINK
:16R:STAT
:25D::SETT//PEND
:16R:REAS
:24B::PEND//FUTU
:16S:REAS
:16S:STAT
:16S:GENL
:16R:SETTRAN
:35B:ISIN AT00000FACC2
:36B::SETT//UNIT/0,
:19A::SETT//NEUR1,
:97A::SAFE//OCSD231700
:22F::SETR//TRAD
:22F::STCO//PART
:22H::REDE//RECE
:22H::PAYM//APMT
:98A::TRAD//20151130
:98A::SETT//20150303
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
```

```
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16S:SETTRAN
```

3.2.4 MT544-547 Settlement Confirmation: MT545 Receive versus Payment

Example MT545 – Receive against payment Confirmation

```
:16R:GENL
:20C::SEME//123456789
:23G:NEWM
:98C::PREP//20160127120123
:16R:LINK
:20C::RELA// NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//OCSD000000000001          Reference of the Transformation generated by OeKB CSD
:16S:LINK
:16R:LINK
20C::MITI//1905230274075672           Unique T2S Reference of the newly generated Instruction
:16S:LINK
:16R:LINK
:20C::CORP//SPLR00001234
:16S:LINK
:16R:LINK
:20C::PREV//11905230274070499
:16S:LINK
:16S:GENL
:16R:TRADDET
:98A::TRAD//20151130
:98C::ESET//20151203120120
:98A::SETT//20151203
:35B:ISIN ATNEW00FACC3
:22F::PRIR//0004
:16S:TRADDET
:16R:FIAC
:36B::ESTT//UNIT/2,
:97A::SAFE//OCSD231700
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
:22F::STCO//TRAN
:22F::SSBT/RT/AWAS
```

```
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16R:AMT
:19A::ESTT//EUR9,
:16S:AMT
:16S:SETDET
```

3.2.5   MT544-547 Settlement Confirmation: MT545 Payment Free of Receive Credit

Example MT545 Payment free of Receive Credit Confirmation

```
:16R:GENL
:20C::SEME//1018614958
:23G:NEWM
:98C::PREP//20160518135746
:16R:LINK
:20C::RELA//NONREF
:16S:LINK
:16R:LINK
:20C::PCTI//OCSD000000000002          Reference of the Transformation generated by OeKB CSD
:16S:LINK
:16R:LINK
:20C::MITI//1905230274071212          Unique T2S Reference of the transformed Instruction
:16S:LINK
16R:LINK
:20C::CORP//SPLR00001234
:16S:LINK
:16R:LINK
:20C::PREV//11905230274070499
:16S:LINK
:16S:GENL
:16R:TRADDET
:98A::TRAD//20151130
:98C::ESET//20151203120120
:98A::SETT//20151203
:35B:ISIN ATNEW00FACC3
:22F::PRIR//0004
:16S:TRADDET
:16R:FIAC
:36B::ESTT//UNIT/0,
:97A::SAFE//OCSD231700
```

```
:16S:FIAC
:16R:SETDET
:22F::SETR//TRAD
:22F::STCO//TRAN
:22F::SSBT/RT/AWAS
:16R:SETPRTY
:95P::PSET//OCSDATWWXXX
:16S:SETPRTY
:16R:SETPRTY
:95P::DEAG//RZTIAT22XXX
:16S:SETPRTY
:16R:AMT
:19A::ESTT//NEUR1,
:16S:AMT
:16S:SETDET
```