target services | T2S

Data Migration Tool

File Format Specification

V1.2.12

1 September 2020

Table of Contents

History of releases

Release	Date	Issues	Status [1]
0.0.1	27/06/2012	First draft	draft
0.0.2	11/09/2012	Second draft	draft
0.0.3	15/10/2012	Remarks from first review by FES, FIT considered	draft
1.0.0	12/11/2012 03/12/2012	Remarks from second review considered Remarks from FIT considered	final
1.0.1	18/12/2012	MSG: swapped chapter 2 and 3	final
1.0.2	11/02/2013	Market feedback	
1.0.3	08/03/2013	Back end interface alignment	
1.0.4	18/10/2013	Final version	
1.2	29/04/2014	CR385, CR386, CR453 and CR454	
1.2.1	19/01/2015	CR460	
1.2.2	30/01/2015	CR for DMT documentation alignment	
1.2.3	12/03/2015	CRG meeting of 12 March 2015 where it was agreed to clarify the description of the values to define positive/ negative of a restriction type	
1.2.4	02/06/2015	Update of the rules for cash payment-related fields	
1.2.5	02/03/2016	CR495 – CR513 – CR575 – CR599	
1.2.6	30/03/2016	CR583 issue 10 (PBI-158158)	
1.2.7	07/10/2016	Changes due to CR-593, CR-534 & CR-576	
1.2.8	25/07/2017	Changes due to CR-645, CR-648	

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1   Status value: Draft, Open, Final, Dismiss

Release	Date	Issues	Status [1]
1.2.9	30/05/2018	Changes due to CR-607	
1.2.10	04/02/2019	Changes due to CR-606	
1.2.11	28/02/2020	Changes due to CR-658, CR-671 & CR-724	
1.2.12	**07/08/2020**	**Changes due to CR-713, CR-718 & CR-728**	

Approval and agreement workflow

	Team Level		Area Level		Project Level		Agreement	
Release	**Approver**	**Date**	**Approver**	**Date**	**Approver**	**Date**	**Approver**	**Date**

Qualitiy Control

	Quality Control – Domestic Level				Qualitiy Control – PMO Level			
Release	**Degree**	**Checker**	**Date**	**Report**	**Degree**	**Checker**	**Date**	**Report**

Applicable documents

Reference		Object
1	[UDFS]	4CB: T2S User Detailed Functional Specifications, V2.1, 02/12/2015

Reference documents

Reference		Object
1	[DMT Specification]	ECB : Data Migration Tool Requirements and Related Procedures, V1.2.1, 20/01/2015

Owner domain	Operational Services

Owner module	Data Migration Module

1 Introduction

Prior to their going-live the Data Migration Tool (DMT) offers CSDs and NCBs the opportunity to load bulk static and dynamic data into T2S. The data is located in Excel or in flat files that are created by the user and submitted to T2S via a web application. The Excel files are used by a human being that manually transfers the data into the spreadsheet whereas the flat files are used by a legacy application that automatically exports the data into the file.

This document specifies the details of the format of the Excel and flat files for T2S data migration. Excel and flat files are available for all interfaces in the same manner. It is not a user handbook that describes the interaction of the users with DMT.

2 Technical Specification

2.1 Data Record Definition

This chapter refers to Excel and the flat file in the same manner.

2.1.1 Rows and Columns

A spreadsheet consists of horizontal rows and vertical columns. The columns identify the attributes and are restricted to a specific data type. There is no mixup of different attributes and data types in one column.

2.1.2 Header

The names of the columns appear in the first row. The names support the user to fill out the form but have no further functionality. DMT identifies the attributes based on the location of the column and does not interpret the column names.

2.1.3 Records

A record is a data structure that contains all parameters for a certain business function. A record spans over several rows. This is due to the fact that a record may contain attributes that are repeatable. The repeated attributes are placed in a separate row just below the initial row in the same column.

2.1.4 Record Type

The record type describes the business function of the record. A file may contain several records of the same record type. A mixture of different record types in one file is not possible.

The record type is indicated with a key word in the upper left corner of the file. Since there is only one record type per file the indication occurs only once. For example:

Record Type	Record Id	An Attribute
Party	1	aaa
	2	bbb

2.1.5 Record Identification

A record is identified with a unique record identifier. The identifier must be unique within the file. It is recommended that the record identifier starts with 1 and is consecutively numbered.

In case the record contains repeatable attributes and spans over several rows the record identifier is repeated in each row of the record. Rows with the same record identifier are located one after the other. These connected rows must not be interrupted by rows with another record identifier. For example:

Record Type	Record Id	A repeatable Attribute	A non-repeatable Attribute
Party	1	a1	c1
	1	b1	
	2	a2	c2
	2	b2	

2.1.6 Default Values

Default values are not used. When a field has no value the Excel field remains empty. For example:

aaa		ccc

In a flat file the length of a field with no value is 0. For example:

```
aaa,,ccc
```

DMT does not provide default values for empty fields. Any input parameter must be stated within the files.

2.2 Further Details

2.2.1 Format Types

The values appear in the format as in the table below:

Format Type	Excel	CSV [2]
DATE	The format depends on the country and location of the user.	The format is « dd/mm/yyyy » with no timezone indication. Example: "30/06/2015"
TIME	The format depends on the country and location of the user.	The format is «hh:mm:ss » with no timezone indication. Times are in 24 hour format. Example: "15:30:59"
CHAR (n)	String with exactly n characters.	Same format as Excel.
VARCHAR (n)	String with n characters maximum.	Same format as Excel.
DEC (p,s)	Floating-point number with maximum p integer places and s decimal places. A dot '.' is used as decimal separator. Due to Excel restriction, cell must be treated as text	Floating-point number with maximum p integer places and s decimal places. A dot '.' is used as decimal separator.
NUMERIC (p)	Number with maximum p integer places and no decimal places.	Same format as Excel.
BOOLEAN	Possible values: ▮ true ▮ false	Same format as Excel.

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[2]   The CSV format matches to the Excel format when the regional settings of a Windows PC are „English (Great Britain)"

2.2.2 ISO 15022 Interoperability

In order to ensure the interoperability to the ISO 15022 standard the character set of all fields is restricted to the SWIFT X Character Set (see below).

Exceptions might occur if special chars are required. Character set restrictions will not apply on these fields which are not used in ISO15022 messages (e.g. Distinguish Name in Party Technical Address for Party) and will not hamper interoperability.

Exceptions are highlighted in the definition of the related fields.

Some fields are restricted in length. The number of characters and integer places is shorter than in ISO 20022. See [UDFS], chapter 2.2.4, for details.

2.2.3 Timezones

Timezones do to appear in the data. The timezone is concidered the actual timezone of Frankfurt. This is either **CET** (GMT+01:00) or, when a daylight saving hour is applied, **CEST** (GMT+02:00).

2.2.4 Character Set

All characters belong to the **SWIFT X Character Set**. The character set is as follows:

```
a b c d e f g h i j k l m n o p q r s t u v w x y z

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

0 1 2 3 4 5 6 7 8 9

/ - ? : ( ) . , ' +

CR LF Space
```

2.2.5 Filenames

Any filename is permitted.

<u>Remark</u>:

The filenames of the provided examples contain the record type, e.g. "DMT.SDMG.Party.100". This helps the user to identify the respective example but is not required by DMT. DMT only examines the file content to recognize the record type (see chapter 2.1.4 for details).

2.3 Technical Specification of the Excel File

2.3.1 Excel Version

The Excel files adhere to one single distinct version of Microsoft Office.

Comment [A1]: CR645

Detailed information:

❚ Version: Microsoft® Office Excel® 2007

❚ File Extension: xlsx

2.3.2 Restrictions

2.3.2.1 Worksheets

The option that one Excel file may contain several worksheets is not supported. DMT uses only the very first worksheet.

2.3.2.2 Number of Rows

Due to technical limitations the number of rows is restricted.

Detailed information:

❚ Maximum number of rows: 50.000 [3]

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3   This number might be further optimised

2.3.2.3 Size Limits

In addition to the number of rows, the uploaded file can not exceed 9 MB.

2.4 Technical Specification of the Flat File

2.4.1 Compliancy to RFC 4180

The flat file has a CSV format that follows closely RFC 4180. The RFC specifies a format that is widely used by many implementations and eases the development of an unload process.

Detailed information:

▌ File Extension: csv

2.4.2 Definition of the CSV Format (RFC 4180)

1. Each row is located on a separate line, delimited by a line break (CRLF). For example:

```
aaa,bbb,ccc CRLF
zzz,yyy,xxx CRLF
```

1. The last row in the file has no ending line break. For example:

```
aaa,bbb,ccc CRLF
zzz,yyy,xxx
```

1. Within each row, there are one or more fields, separated by commas. Each row contains the same number of fields throughout the file. Spaces are considered part of a field and are not ignored. The last field in the record is not followed by a comma. For example:

```
aaa,bbb,ccc
```

1. Each field may or may not be enclosed in double quotes. If fields are not enclosed with double quotes, then double quotes do not appear inside the fields. For example:

```
aaa,"bbb","ccc" CRLF

zzz,yyy,"xxx"
```

1. Fields containing line breaks (CRLF), double quotes, and commas are enclosed in double-quotes. For example:

```
aaa,"b CRLF bb",ccc CRLF

zzz,yyy,xxx
```

1. A double-quote appearing inside a field is escaped by preceding it with another double quote [4]. For example:

```
"aaa","b""bb","ccc"
```

The escaping with double-quotes ensures that all data can appear. Quotes, commas and line breaks may be included into the business data.

2.4.3 Control Characters

In order to structure the data in the flat file the following control characters are used:

Carriage Return (CR)	0x0d
Line Feed (LF)	0x0a

2.4.4 Encoding

The encoding of the flat file is UTF-8 with no Byte Order Mark (BOM).

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4   Actually character « quote » is not allowed. See chapter 2.2.4 for details. Please note that the CSV format definition is independent from the character set.

2.4.5 Restrictions

2.4.5.1 Number of Rows

Due to technical limitations the number of rows is restricted.

Detailed information:

▌ Maximum number of rows: 50.000 [5]

2.4.5.2 Size Limits

In addition to the number of rows, the uploaded file can not exceed 9 MB.

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[5]   This number might be further optimised

3 Format of Structured Files

3.1 Format of Excel and Flat Files

See chapter 2.2 for the specification and details of the format types.

3.1.1 Technical Prerequisites

3.1.1.1 Record Type Identifier

Prior to the static and dynamic data appears the record type identifier.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per File
1	A	Record Type	VARCHAR (50)	Indicates the business function. The required value can be found in the first line of the chapters 3.1.2.1 - 3.1.3.1.	Occurs in the 2nd row only.	1..1

3.1.2 Static Data

3.1.2.1 Party Reference Data - New

❚ Record Type: "Party

The record is used to create party reference data.

Related activities covered:

TABLE 1 - ACT.3.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Party"						1..1	
3	C	Parent BIC	CHAR (11)				1..1
4	D	Type	Possible values: ▮ PMBK ▮ CSDP ▮ ECSD	Classification of the party: ▮ PMBK = Payment bank ▮ CSDP = CSD participant ▮ ECSD = External CSD			1..1
5	E	Opening Date	DATE	Activation date of a party.	Must be equal or greater than the current date.		1..1
6	F	Closing Date	DATE	Closing date of the party.	Must be greater than the Opening Date.		0..1
7	G	BIC	CHAR (11)	Party BIC.			1..1
Group "Name"						1..1	
8	H	Long Name	VARCHAR (350)	Long name.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
9	I	Short Name	VARCHAR (35)	Short name.			1..1
Group "Address"					Must occur when Type is 'PMBK' or 'ECSD'. Must not occur when Type is something else.	0..1	
10	J	Street	VARCHAR (70)	Name of the street for the address.			1..1
11	K	House Number	VARCHAR (16)	House number for the address.			1..1
12	L	Postal Code	VARCHAR (16)	Postal code for the address.			1..1
13	M	City	VARCHAR (35)	City for the address.			1..1
14	N	State or Province	VARCHAR (35)	State or the province for the address.			0..1
15	O	Country Code	CHAR (2)	Country code of the address.			1..1
Group "Party Technical Address"						1..10	
16	P	Technical Address	VARCHAR (256)	Unique technical address of the party (distinguished name).	ISO15022 interoperability character set restriction does not apply		1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
Group "Auto-Collateralisation Rule"					May occur only when Type is 'PMBK'. It is used to provide client-collateralisation service. This group may only be used by NCBs.	0..1	
17	Q	Collateralisation Procedure	Possible value: ▮ REPO	Type of collateralisation procedure application. Possible value: ▮ REPO	When Type is 'PMBK' the value must be 'REPO'.		1..1
Group "Market-Specific Attributes"						0..10	
18	R	Market-Specific Party Attribute Name	VARCHAR (35)	Name of the market specific attribute.			1..1
19	S	Market-Specific Party Attribute Value	VARCHAR (350)	Value of the market specific attribute.			1..1
Group "Party Restriction List"						0..10	
20	T	Restriction Type	CHAR (4)	List of blocking restrictions.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
21	U	Restriction Valid From Date	DATE	Valid from date and time of the restriction.	Must be equal or greater than the current date and time.		1..1
22	V	Restriction Valid From Time	TIME				1..1
23	W	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Date and time must occur together.		0..1
24	X	Restriction Valid To Time	TIME		Must be greater than the Valid From date and time.		0..1

3.1.2.2 Technical Address Network Service Link - New

❚ Record Type: "Technical Address Network Service Link"

The record is used to create a link between a technical address and a network service.

Related activities covered:

<div align="center">TABLE 2 - ACT.3.2</div>

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Party Identification"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
3	C	Parent BIC	CHAR (11)	BIC of the System Entity responsible for the party			1..1
4	D	Party BIC	CHAR (11)	BIC of the party			1..1
Group "Technical Address Network Service"						1..1	
5	E	Technical Address	VARCHAR (256)		ISO15022 interoperability character set restriction does not apply	1..1	
6	F	Network Service	VARCHAR (35)			1..1	

3.1.2.3 Additional Party Market Specific Attributes - New

▍ Record Type: "Party Market Specific Attribute"

The record is used to create additional market specific attributes for an existing party.

Related activities covered:

<p align="center">**TABLE 3 - ACT.3.3**</p>

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Party Identification"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
3	C	Parent BIC	CHAR (11)	BIC of the System Entity responsible for the party			1..1
4	D	Party BIC	CHAR (11)	BIC of the party			1..1
Group "Market-Specific Attributes"						1..10	
5	E	Market-Specific Party Attribute Name	VARCHAR (35)	Name of the market specific attribute.			1..1
6	F	Market-Specific Party Attribute Value	VARCHAR (350)	Value of the market specific attribute.			1..1

3.1.2.4 Securities Account - New

❚ Record Type: "Securities Account"

The record is used to create a securities account.

Related activities covered:

TABLE 4 - ACT.4.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Securities Account"						1..1	
3	C	Securities Account Number	VARCHAR (35)	Unique securities account number.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
4	D	Securities Account Type	Possible values: ▌ CSDM ▌ CSDP ▌ ICSA ▌ TOFF ▌ CSDO ▌ ISSA	Classification of the securities account: ▌ CSDM = CSD mirror account ▌ CSDP = CSD participant account ▌ ICSA = Inter-CSD account ▌ TOFF = T2S technical offset account ▌ CSDO = CSD omnibus account ▌ ISSA = Issuance account			1..1
5	E	Opening Date	DATE	Opening date of the securities account.	Must be equal or greater than the current date.		1..1
6	F	Closing Date	DATE	Closing date of the securities account.	Must be greater than the Opening Date.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Hold/Release	Possible values: ▮ HOLD ▮ RELE	Default setting for specific settlement instruction related to the securities account: ▮ HOLD = Hold ▮ RELE = Release			1..1
8	H	Negative Position	BOOLEAN	▮ true = The securities account can hold a negative position			1..1
9	I	End Investor Account Flag	Possible values: ▮ NONE ▮ FOPA ▮ DVFO	Additional flags for the securities account: ▮ NONE = No account allocations ▮ FOPA = FOP account allocations ▮ DVFO = DVP/ FOP			1..1
10	J	Pricing Scheme	Possible values: ▮ SACC	Pricing scheme of the customer:			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ ISIN	▌ SACC = Securities account ▌ ISIN = Security			
Group "Account Holder"						1..1	
11	K	Parent BIC	CHAR (11)	Represents the party.			1..1
12	L	BIC	CHAR (11)	Represents the party.			1..1
Group "Market Specific Securites Account Attribute"						0..10	
13	M	Market-Specific Securities Account Attribute Name	VARCHAR (35)	Name of the market specific attribute.			1..1
14	N	Market-Specific Securities Account Attribute Value	VARCHAR (350)	Value of the market specific attribute.			1..1
Group "Securities Account Restriction"						0..10	
15	O	Restriction Type	CHAR (4)	Code to identify the restriction.			1..1
16	P	Valid From Date	DATE	Valid from date and time of the securities account.	Must be equal or greater than the current date and time.		1..1
17	Q	Valid From Time	TIME				
18	R	Valid To Date	DATE	Valid to date and time of the securities account.	Must be greater than the Valid From date and time.		0..1
19	S	Valid To Time	TIME				

3.1.2.5 Additional Securities Account Market Specific Attributes - New

❚ Record Type: "Securities Account Market Specific Attribute"

The record is used to create additional market specific attributes for an existing securities account.

Related activities covered:

<p align="center">TABLE 5 - ACT.4.3</p>

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Securities Account Identification"						1..1	
3	C	Securities Account Number	VARCHAR (35)				1..1
Group "Market-Specific Attributes"						1..10	
4	D	Market-Specific Securities Account Attribute Name	VARCHAR (35)	Name of the market specific attribute.			1..1
5	E	Market-Specific Securities Account Attribute Value	VARCHAR (350)	Value of the market specific attribute.			1..1

3.1.2.6 Securities - New

❚ Record Type: "Security"

The record is used to create a security.

Related activities covered:

TABLE 6 - ACT.5.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Securities"						1..1	
3	C	ISIN	CHAR (12)	Actual value for the securities code, (the ISIN for the security).			1..1
4	D	CFI Code	CHAR (6)	Classification of the security according to ISO/DIS 10962:2015(E) standard.			1..1
5	E	Issue Date	DATE	Date from which the settlement is allowed for the security.			1..1
6	F	Maturity Date	DATE	Final maturity or expiry date of the security.	Must be equal or greater than the current date.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Issue Currency	CHAR (3)	Issue currency of a security in the system using ISO 4217 standard.			1..1
8	H	Country of Issuance	CHAR (2)	Country in which the security is issued.			1..1
Group "Security Name"						1..1	
9	I	Long Name	VARCHAR (350)	Long description of the security according to ISO 18774 standard Part 1 and Part 2.			1..1
10	J	Short Name	VARCHAR (35)	Short description of the security (FIDS) according to ISO 18774 standard.			1..1
Group "Security Settlement Data"						1..1	
11	K	Settlement Type	Possible values: ▌ UNIT ▌ FAMT	Type of settlement foreseen for the security: ▌ UNIT = Units ▌ FAMT = Nominal			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
12	L	Minimum Settlement Unit	DEC (14,14)	Minimum settlement unit for a security.			1..1
13	M	Settlement Multiple for Units	DEC (14,14)	Settlement multiple for units.			1..1
Group "Deviating Settlement Unit"						0..10	
14	N	Deviating Settlement Unit	DEC (14,14)	Deviating settlement unit for a security.			1..1
Group "Market Specific Attributes"						0..10	
15	O	Market-Specific Security Attribute Name	VARCHAR (35)	Name of the market specific attribute.			1..1
16	P	Market-Specific Security Attribute Value	VARCHAR (350)	Value of the market specific attribute.			1..1
Group "Security Restriction"						0..10	
17	Q	Restriction Type	CHAR (4)	Reason type applied to the security.			1..1
18	R	Restriction Valid From Date	DATE	Valid from date and time of the security.	Must be equal or greater than the current date and time.		1..1
19	S	Restriction Valid From Time	TIME				
20	T	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Must be equal or greater than the valid from date and time.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
21	U	Restriction Valid To Time	TIME				

3.1.2.7 Securities Market Specific Attributes - New

❚ Record Type: "Securities Market Specific Attribute"

The record is used for two purposes:

1. to let Security Maintenance Entity create additional market specific attributes for an existing security

2. to let Investor CSDs create their own set of market specific attributes for an existing security

Related activities covered:

TABLE 7 - ACT.5.2

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Security Identification"						1..1	
3	C	ISIN	CHAR (12)	Actual value for the securities code, (the ISIN for the security).			1..1
Group "Market-Specific Attributes"						1..10	
4	D	Market-Specific Party Attribute Name	VARCHAR (35)	Name of the market specific attribute.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Market-Specific Party Attribute Value	VARCHAR (350)	Value of the market specific attribute.			1..1

3.1.2.8 Investor CSD Security Restrictions - New

❚ Record Type: "Investor CSD Security Restrictions"

The record is used by Investor CSDs to apply restrictions on securities.

Related activities covered:

TABLE 8 - ACT.5.3

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Securities"							
3	C	ISIN	CHAR (12)	Actual value for the securities code, (the ISIN for the security).			1..1
Group "Security Restriction"						1..10	
4	D	Restriction Type	CHAR (4)	List of blocking restrictions.			1..1
5	E	Restriction Valid From Date	DATE	Valid from date and time of the restriction.	Must be equal or greater than the current date and time.		1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
6	G	Restriction Valid From Time	TIME				1..1
7	G	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Must be equal or greater than the valid from date and time.		0..1
8	H	Restriction Valid To Time	TIME				

3.1.2.9 CSD Account Link - New

❚ Record Type: "CSD Account Link"

The record is used to create a link between a technical issuer and a CSD account

Related activities covered:

TABLE 9 - ACT.4.2

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Investor"						1..1	
3	C	Investor Parent BIC	CHAR (11)	Parent BIC related to the investor.			1..1
4	D	Investor BIC	CHAR (11)	BIC related to investor.			1..1
Group "Technical Issuer"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Issuer Parent BIC	CHAR (11)	Parent BIC related to the technical issuer.			1..1
6	F	Issuer BIC	CHAR (11)	BIC related to the technical issuer.			1..1
Group "CSD Account Link"						1..1	
7	G	Valid From	DATE	Valid from date of the link.	Must be equal or greater than the current date.		1..1
8	H	Valid To	DATE	Valid to date of the link.	Must be greater than the Valid From date.		0..1
9	I	CSD Participant Account	VARCHAR (35)	CSD participant account number.	Not allowed if "External CSD Participant Account" is specified.		0..1
10	J	Mirror Account	VARCHAR (35)	Mirror account number.			0..1
11	K	Inter-CSD Account	VARCHAR (35)	Inter-CSD account number.			0..1
12	L	Omnibus Account	VARCHAR (35)	Omnibus account number.			0..1
13	M	External CSD Participant Account	VARCHAR (35)	External CSD participant account number	Not allowed if "CSD Participant Account" is specified.		0..1

3.1.2.10 Securities CSD Link - New

▌ Record Type: "Securities CSD Link"

The record is used to create a securities CSD link.

Related activities covered:

<p align="center">**TABLE 10 - ACT.6.1**</p>

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record	1..n	
Group "CSD Link"						1..1	
3	C	ISIN	CHAR (12)	ISIN of the security.			1..1
4	D	Link Type	Possible values: ▌ NVST ▌ ISSR	Possible values: ▌ NVST = Investor ▌ ISSR = Issuer			1..1
5	E	Valid From	DATE	Valid from date of the securities CSD link.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date of the securities CSD link.	Must be greater than the Valid From date.		0..1
7	G	Issuer/Investor Parent BIC	CHAR (11)	Issuer / investor parent BIC.			1..1
8	H	Issuer/Investor BIC	CHAR (11)	Issuer / investor BIC.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
9	I	Security Maintenance	BOOLEAN	▎ 'true' = the involved CSD (issuer / technical issuer / investor) is also the maintainer of the related reference data			1..1
10	J	Technical Issuer Parent BIC	CHAR (11)	Technical issuer parent BIC.	Both values must occur together.		0..1
11	K	Technical Issuer BIC	CHAR (11)	Technical issuer BIC.			0..1
Group "Issuance Account"						0..10	
12	L	Issuance Account	VARCHAR (35)	Issuance account number.			1..1
13	M	Primary	BOOLEAN	▎ true = The account is the primary issuance account (the one used for realignment chain)	At least one and only one issuance account must be primary.		1..1

3.1.2.11 CMB Securities Account Links - New

▎ Record Type: "CMB Securities Account Link"

The record is used to create a CMB securities account link.

Related activities covered:

TABLE 11 - ACT.15.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Account Link"						1..1	
3	C	Securities Account Number	VARCHAR (35)	Number of the related securities account.			1..1
4	D	T2S Dedicated Cash Account Number	VARCHAR (34)	DCA of the CMB the securities account number is linked to			1..1
5	E	Valid From	DATE	Valid from date and time of the CMB securities accounts link.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date and time of the CMB securities accounts link.	Must be greater than the Valid From date.		0..1
7	G	Default Link	BOOLEAN	▌ true = The T2S dedicated cash account is the			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				default link for the securities account.			
8	H	Collateralisation Link	BOOLEAN	▌ true = T2S can use the securities, earmarked as collateral and held on the securities account, for auto-collateralisation operations on the T2S dedicated cash account it is linked to.			1..1
9	I	Cash Settlement Link	BOOLEAN	▌ true = T2S can use the link between the securities account and the T2S dedicated cash account for the settlement of the			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				cash leg of a settlement instruction.			

3.1.2.12 User - New

▌ Record Type: "User"

The record is used to create a user.

Related activities covered:

TABLE 12 - ACT.16.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "User"						1..1	
3	C	Login Name	VARCHAR (35)	Login name.			1..1
4	D	Name	VARCHAR (127)	Name of the user.			1..1
5	E	System User Reference	VARCHAR (35)	System reference of the user.			1..1
6	F	Lockout From Date	DATE	Date and time when the user is locked out from the system.	Must be equal or greater than the current date and time.		0..1
7	G	Lockout From Time	TIME				0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					Date and time cannot be specified when "Lockout" = false. Date and time are mandatory when "Lockout" = true		
8	H	Lockout	BOOLEAN	▌ true = The user cannot enter the system after the Lockout From Date and Time			1..1
Group "Party"						1..1	
9	I	Parent BIC	CHAR (11)	Party parent BIC.			
10	J	BIC	CHAR (11)	Party BIC.			1..1

3.1.2.13 Roles - New

▌ Record Type: "Role"

The record is used to create a role.

Related activities covered:

TABLE 13 - ACT.16.2

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record	1..n	
Group "Role"						1..1	
3	C	Role Name	VARCHAR (35)	Name of the role.			1..1
4	D	Role Description	VARCHAR (127)	Description of the role.			1..1

3.1.2.14 Secured Group - New

▌ Record Type: "Secured Group"

The record is used to create a secured group.

Related activities covered:

TABLE 14 - ACT.16.3

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record	1..n	
Group "Secured Group"						1..1	
3	C	Secured Group Type	Possible values: ▌ PART ▌ SECU	Classification for the secured group: ▌ PART = Parties			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▐ SACC ▐ CASH	▐ SECU = Securities ▐ SACC = Securities Accounts ▐ CASH = T2S Dedicated Cash Accounts			
Group "Secured Object: Parties"					Occurs only when Secured Group Type is 'Parties'.	0..10	
4	D	Parent BIC	CHAR (11)	Parent BIC of the secured party objects.			1..1
5	E	BIC	CHAR (11)	BIC of the secured party objects.			1..1
Group "Secured Object: Securities"					Occurs only when Secured Group Type is 'Securities'.	0..10	
6	F	ISIN	CHAR (12)	ISIN of the secured security objects.			1..1
Group "Secured Object: Securities Accounts"					Occurs only when Secured Group Type is 'Securities Accounts'.	0..10	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Securities Account Number	VARCHAR (35)	Securities account number of the secured securities accounts object.			1..1
Group "Secured Object: T2S Dedicated Cash Accounts"					Occurs only when Secured Group Type is 'T2S Dedicated Cash Accounts'.	0..10	
8	H	T2S Dedicated Cash Account Number	VARCHAR (34)	T2S dedicated cash account number of the secured security objects.			1..1

3.1.2.15 Grant Roles - New

▌ Record Type: "Grant Role"

The record is used to grant a role to a party and/or a user.

Related activities covered:

TABLE 15 - ACT.16.4

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Role"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
3	C	Role Name	VARCHAR (35)	Name of the role to be granted.			1..1
Group "User"					Mandatory if group "Party" is not specified, Not allowed otherwise.	0..1	
4	D	User	VARCHAR (35)	Login name of the user.			1..1
Group "Party"					Mandatory if group "User" is not specified. Not allowed otherwise.	0..1	
5	E	Parent BIC	CHAR (11)	Parent BIC of the party.			1..1
6	F	BIC	CHAR (11)	BIC of the party.			1..1

3.1.2.16 Grant System Privilege - New

▍ Record Type: "Grant System Privilege"

The record is used to grant a system privilege to a party, user or role.

Related activities covered:

TABLE 16 - ACT.16.4

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Role"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
3	C	Role Name	VARCHAR (35)	Name of the role.			1..1
Group "Party"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
4	D	Parent BIC	CHAR (11)	Parent BIC of the party.			1..1
5	E	BIC	CHAR (11)	BIC of the party.			1..1
Group "User"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
6	F	User	VARCHAR (35)	Login name of the user.			1..1
Group "Privilege"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Privilege Name	VARCHAR (35)	Name of the system privilege.	ISO15022 interoperability character set restriction does not apply		1..1
8	H	Deny Option	BOOLEAN	▮ true = The system privilege is explicitly denied ▮ false = The system privilege is explicitly assigned			1..1
9	I	4-Eyes Option	BOOLEAN	▮ true = The 4-eyes principle is required to perform the activity linked to the system privilege ▮ false = The 2-eyes principle is required to perform the activity linked to the system privilege			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
10	J	Administration Option	BOOLEAN	▌ true = If the grantee of the privilege is a user or a role the grantee is allowed to grant the same privilege to another user or role of the same party. If the grantee of the privilege is a party, the party administrators of the grantee party are allowed to grant the same privilege also to other parties. ▌ false = If the grantee of the privilege is a user or a role the grantee is not al-			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				lowed to grant the same privilege to another user or role of the same party. If the grantee of the privilege is a party, the party administrators of the grantee party are allowed to grant the same privilege only to users and roles of the same party.			

3.1.2.17 Grant Object Privilege - New

❚ Record Type: "Grant Object Privilege"

The record is used to grant an object orivilege to a party, user or role. Except "Secured Group" all secured element types are covered. For secured element type "Secured Group" see chapter 3.1.2.18.

Related activities covered:

TABLE 17 - ACT.16.4

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Role"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
3	C	Role Name	VARCHAR (35)	Name of the role.			1..1
Group "Party"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
4	D	Parent BIC	CHAR (11)	Parent BIC of the party.			1..1
5	E	BIC	CHAR (11)	BIC of the party.			1..1
Group "User"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
6	F	User	VARCHAR (35)	Login name of the user.			1..1
Group "Privilege"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Secured Element Type	Possible values: ▌ SYSE ▌ PART ▌ SECU ▌ PAACSACC ▌ CASH	Possible values: ▌ SYSE = System Entity ▌ PART = Party ▌ SECU = Security ▌ PAAC = Party and its accounts ▌ SACC = Securities Account ▌ CASH = T2S Dedicated Cash Account			1..1
Group "Party"/"Party and its accounts"					Occurs only when Secured Element Type is PART (Party) or PAAC (Party and its accounts).	0..1	
8	H	Parent BIC	CHAR (11)	Parent BIC of the party.			1..1
9	I	BIC	CHAR (11)	BIC of the party.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
Group "Security"					Occurs only when Secured Element Type is 'Security'.	0..1	
10	J	ISIN	CHAR (12)	ISIN of the security.			1..1
Group "Securities Account"					Occurs only when Secured Element Type is 'Securities Account'.	0..1	
11	K	Security Account Number	VARCHAR (35)	Number of the security account.			1..1
Group "T2S Dedicated Cash Account"					Occurs only when Secured Element Type is 'T2S Dedicated Cash Account'.	0..1	
12	L	T2S Dedicated Cash Account Number	VARCHAR (34)	Number of the T2S dedicated cash account.			1..1
Group "System Entity"					Occurs only when Secured Element Type is SYSE (System Entity)	0..1	
13	M	BIC	CHAR (11)	BIC.			1..1
Group "Administration"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
15	N	Privilege Name	VARCHAR (35)	Name of the object privilege.	ISO15022 interoperability character set restriction does not apply		1..1
16	O	Deny Option	BOOLEAN	▮ true = The object privilege is explicitly denied ▮ false = The object privilege is explicitly assigned			1..1
17	P	4-Eyes Option	BOOLEAN	▮ true = The 4-eyes principle is required to perform the activity linked to the object privilege ▮ false = The 2-eyes principle is required to perform the activity linked to the object privilege			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
18	Q	Administration Option	BOOLEAN	▎ true = If the grantee of the privilege is a user or a role the grantee is allowed to grant the same privilege to another user or role of the same party. If the grantee of the privilege is a party, the party administrators of the grantee party are allowed to grant the same privilege also to other parties. ▎ false = If the grantee of the privilege is a user or a role the grantee is not al-			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				lowed to grant the same privilege to another user or role of the same party. If the grantee of the privilege is a party, the party administrators of the grantee party are allowed to grant the same privilege only to users and roles of the same party.			

3.1.2.18 Grant Object Privilege (Secured Group) - New

❚ Record Type: "Grant Object Privilege (Secured Group)"

The record is used to grant an object privilege to a party, user or role. As secured element type only "Secured Group" is covered. For the other secured element types see chapter 3.1.2.17. The record does not refer to an existing secured group. Intead, a new secured group is created.

Related activities covered:

TABLE 18 - ACT.16.4

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Role"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
3	C	Role Name	VARCHAR (35)	Name of the role.			1..1
Group "Party"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
4	D	Parent BIC	CHAR (11)	Parent BIC of the party.			1..1
5	E	BIC	CHAR (11)	BIC of the party.			1..1
Group "User"					One and only one of the groups "Role", "Party" or "User" must occur.	0..1	
6	F	User	VARCHAR (35)	Login name of the user.			1..1
Group "Secured Group"						1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Secured Group Identifier	NUMERIC (9)	Identifier of the secured group as get from related U2A screen.			1..1
Group "Administration"						1..1	
8	H	Privilege Name	VARCHAR (35)	Name of the object privilege.	ISO15022 interoperability character set restriction does not apply		1..1
9	I	Deny Option	BOOLEAN	▌ true = The object privilege is explicitly denied ▌ false = The object privilege is explicitly assigned			1..1
10	J	4-Eyes Option	BOOLEAN	▌ true = The 4-eyes principle is required to perform the activity linked to the object privilege			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ false = The 2-eyes principle is required to perform the activity linked to the object privilege			
11	K	Administration Option	BOOLEAN	▌ true = If the grantee of the privilege is a user or a role the grantee is allowed to grant the same privilege to another user or role of the same party. If the grantee of the privilege is a party, the party administrators of the grantee party are allowed to			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				grant the same privilege also to other parties.			
				▌ false = If the grantee of the privilege is a user or a role the grantee is not allowed to grant the same privilege to another user or role of the same party. If the grantee of the privilege is a party, the party administrators of the grantee party are allowed to grant the same privilege only to users and roles of the same party.			

3.1.2.19 Message Subscription Rule Set - New

▌ Record Type: "Message Subscription Rule Set"

The record is used to create message subscription rules and a message subscription rule set and the relationship among the rule set and a list of parties.

Related activities covered:

TABLE 19 - ACT.17.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Message Subscription Rule Set"						1..1	
3	C	Name	VARCHAR (35)	Name of the message subscription rule set.			1..1
4	D	Description	VARCHAR (350)	Description of the message subscription rule set.			1..1
5	E	Valid From	DATE	Valid from date of the message subscription rule set.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date of the message subscription rule set.	Must be greater than the Valid From date.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Positive/Negative Parameter Set	BOOLEAN	▌ true = The message subscription rule set must be used in positive way ▌ false = The message subscription rule set must be used in negative way			1..1
Group "Interested Party"						0..10	
8	H	Parent BIC	CHAR (11)	Parent BIC of the interested party.			1..1
9	I	Party BIC	CHAR (11)	BIC of the interested party.			1..1

3.1.2.20 Message Subscription Rule - New

Record Type: "Message Subscription Rule"

The record is used to create message subscription rules connected to an existing message subscription rule set.

▌ Related activities covered:

TABLE 20 - ACT.17.2

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Message Subscription Rule Set"						1..1	
3	C	Name	VARCHAR (35)	Name of the message subscription rule set.			1..1
Group "Message Subscription Rule"						1..1	
4	D	Sequence Number	NUMERIC (9)	Sequence related to the rule.			1..1
5	E	Valid From	DATE	Valid from date of the message subscription rule.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date of the message subscription rule.	Must be equal or greater than the valid from date.		0..1
Group "Message Subscription Rule Parameter"					Each Message Subscription Rule may have up to 10 Message Subscription Rule Parameters.	1..10	
7	G	Group	VARCHAR (35)				1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
8	H	Parameter Type Name	Name of the parameter type to be set for the rule. Allowed values are: ▌ INTP (Instruction Type) ▌ MXST (Message Status) ▌ PART (PARTY) ▌ SACC (Securities Account) ▌ ISIN ▌ CASH (T2S DCA) ▌ INST (Instruction Status) ▌ TRCD (Transaction Code) ▌ CURR (Currency) ▌ AMFL (Already Matched Flag) ▌ MXID (Message Identification)				1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▮ SECO (Settlement Transaction Condition Code) ▮ BUPA (Business Sending Party) ▮ BUSE (System User Reference) ▮ INPA (Instructing Party)				
9	I	Parameter Type Value	VARCHAR (35)	Value for the parameter type	Mandatory when Parameter Type Name is: INTP, MXST, INST, TRCD, CURR, AMFL, MXID, SECO, BUSE; not allowed otherwise		0..1
10	J	Parameter Parent BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: PART Not allowed otherwise.		0..1
11	K	Parameter Party BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is:		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					PART Not allowed other-wise.		
12	L	Parameter Securities Account Identifier	VARCHAR(35)		Mandatory when Parameter Type Name is: SACC Not allowed other-wise.		0..1
13	M	Parameter Securities Identifier	CHAR(12)		Mandatory when Parameter Type Name is: ISIN Not allowed other-wise.		0..1
14	N	Parameter Cash Account Identifier	VARCHAR(34)		Mandatory when Parameter Type Name is: CASH Not allowed other-wise.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
15	O	Parameter Business Sending Parent BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: BUPA Not allowed otherwise.		0..1
16	P	Parameter Business Sending Party BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: BUPA Not allowed otherwise.		0..1
17	Q	Parameter Instructing Party Parent BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: INPA Not allowed otherwise.		0..1
18	R	Parameter Instructing Party Party BIC Identifier	CHAR(11)		Mandatory when Parameter Type Name is: INPA		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					Not allowed other-wise.		

3.1.2.21 Restriction Type - New

Record Type: "Restriction Type"

The record is used to create a restriction type.

❚ Related activities covered:

TABLE 21 - ACT.18.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Restriction Type"						1..1	
3	C	Restriction Type	CHAR(4)	Restriction type code.			1..1
4	D	Description	VARCHAR (350)	Description of the re-striction type.			1..1
5	E	Valid From	DATE	Valid from date of the restriction type.	Must be equal or greater than the cur-rent date.		1..1
6	F	Valid To	DATE	Valid to date of the restriction type.	Must be greater than the Valid From date.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Object Restriction Type	Possible values: ▌ CBAL ▌ XACC ▌ PART ▌ SECU ▌ SACCSPOS ▌ SETT ▌ INPM ▌ INBM ▌ SYSE ▌ CASH	Possible values: ▌ CBAL = Cash balance ▌ XACC = External RTGS account ▌ PART = Party ▌ SECU = Security ▌ SACC = Securities account ▌ SPOS = Securities position ▌ SETT = Settlement instruction ▌ INPM = Intra-Position Movement Instructions ▌ INBM = Intra-balance Movement Instructions ▌ SYSE = System entity			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ CASH = T2S Dedicated cash account			
8	H	Restriction Processing Type	Possible values: ▌ BALA ▌ BLCK ▌ COLL ▌ COSD ▌ VAHO ▌ DELI ▌ REJE ▌ RESE	Possible values: ▌ BALA = Balance Type / Earmarking ▌ BLCK = Blocking ▌ COLL = Collateralized ▌ COSD = CoSD Blocking ▌ VAHO = CSD Validation Hold ▌ DELI = Deliverable ▌ REJE = Rejection ▌ RESE = Reservation			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
9	I	Currency	CHAR (3)		Must occur when the Restriction Processing Type is 'Earmarking for Auto-collateralization'.		0..1
10	J	Positive / Negative Parameter Set	BOOLEAN	❚ true = the restriction is applied if the rules are satisfied..			1..1

3.1.2.22 Restriction Type Rule - New

❚ Record Type: "Restriction Type Rule"

The record is used to create a restriction type rule.

Related activities covered:

TABLE 22 - ACT.18.2

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Restriction Type"						1..1	
3	C	Restriction Type	CHAR(4)	Restriction type code.			1..1
Group "Restriction Type Rule"						1..1	
4	D	Sequence Number	NUMERIC (9)	Sequence number.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Valid From	DATE	Valid from date of restriction type rule.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date of the restriction type rule.	Must be greater than the Valid From date.		0..1
Group " Restriction Type Rule Parameter"						0..10	
7	G	Group	VARCHAR (35)				1..1
8	H	Restriction Type Rule Parameter Name	Name of the parameter type to be set for the rule. Allowed values are: ▌ 'SMOV' Securities Movement Type ▌ 'PMNT' Payment ▌ 'TRID' Transaction Identification ▌ 'AOPT' Party Type (of the Account Owner) ▌ 'OBPT' Party Type (of the instr. Party)		Mandatory if Market Specific Attribute Name is not used. Not allowed otherwise.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ 'PART' Party				
			▌ 'SECU' Security Identifier				
			▌ 'CNIS' Country of Issuance				
			▌ 'CRDB' Credit Debit Indicator				
			▌ 'BLFR' Balance From				
			▌ 'BLTO' Balance To				
			▌ 'MTST' Matching Status				
			▌ 'SACT' Securities Account				
			▌ 'SETC' Settlement Currency				
			▌ 'CACT' T2S Dedicated Cash Account				

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ 'CATP' T2S Dedicated Cash Account Type				
9	I	Market-Specific Attribute Name	VARCHAR (35)	Name of the market specific attribute.	Mandatory if Restriction Type Rule Parameter Name is not used. Not allowed otherwise.		0..1
10	J	Restriction Type Rule Parameter Value	VARCHAR (35)		Mandatory when Market-Specific Attribute Name is specified or Restriction Type Rule Parameter Name is: SMOV PMNT AOPT OBPT CNIS CRDB BLFR		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					BLTO MTST TRID SETC CATP Not allowed otherwise.		
11	K	Party Parent BIC Parameter Value	CHAR(11)		Mandatory when Restriction Type Rule Parameter Name is: PART Not allowed otherwise.		0..1
12	L	Party BIC Parameter Value	CHAR(11)		Mandatory when Restriction Type Rule Parameter Name is: PART Not allowed otherwise.		0..1
13	M	Securities Parameter Value	CHAR(12)		Mandatory when Restriction Type Rule Parameter Name is:		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					SECU Not allowed other- wise.		
14	N	Securities Account Parameter Value	VARCHAR(35)		Mandatory when Re- striction Type Rule Parameter Name is: SACT Not allowed other- wise.		0..1
15	O	Dedicated Cash Ac- count Parameter Value	VARCHAR(34)		Mandatory when Re- striction Type Rule Parameter Name is: CACT Not allowed other- wise.		0..1
16	P	Debit	BOOLEAN	Specifies if the rule applies on the debit leg of the settlement instruction	Include only if Mar- ket-Specific Attribute Name is used		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
17	Q	Credit	BOOLEAN	Specifies if the rule applies on the credit leg of the settlement instruction	Include only if Market-Specific Attribute Name is used		0..1

3.1.2.23 Conditional Securities Delivery Rule Set - New

▌ Record Type: "CoSD Rule Set"

The record is used to create a conditional securities delivery rule set.

Related activities covered:

TABLE 23 - ACT.20.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
						1..1	
3	C	Name	VARCHAR (35)	Name of the conditional securities delivery rule set.			1..1
4	D	Description	VARCHAR (350)	Description of the conditional securities delivery rule set.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Administering Parent BIC	CHAR (11)	BIC of the parent of the administering party.			1..1
6	F	Administering Party BIC	CHAR (11)	BIC of the administering party			1..1
7	G	Valid From	DATE	Valid from date of the conditional securities delivery rule set.	Must be equal or greater than the current date.		1..1
8	H	Valid To	DATE	Valid to date of the conditional securities delivery rule set.	Must be greater than the Valid From date.		0..1
9	I	Block on Cash Side	BOOLEAN	▌ true = T2S shall block cash when an instruction is marked for conditional delivery			1..1
10	J	Block on Securities Side	BOOLEAN	▌ true = T2S shall block securities when an instruction is marked for conditional delivery			1..1

3.1.2.24 Conditional Securities Delivery Rule - New

▌ Record Type: "CoSD Rule"

The record is used to create a conditional securities delivery rule.

Related activities covered:

TABLE 24 - ACT.20.2

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Conditional Securities Delivery Rule Set"						1..1	
3	C	CoSD Rule Set Name	VARCHAR (35)	Name of the conditonal securities delivery rule set.			1..1
Group "Conditional Securities Delivery Rule"						1..1	
4	D	Sequence Number	NUMERIC (9)	Sequence related to the rule.			1..1
5	E	Valid From	DATE	Valid from date of the conditional securities delivery rule.	Must be equal or greater than the current date.		1..1
6	F	Valid To	DATE	Valid to date of the conditional securities delivery rule.	Must be greater than the Valid From date.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	CoSD Processing	BOOLEAN	▌ true = The settlement instruction that matches with the rule is to settle conditionally			1..1
Group "Conditional Securities Delivery Rule Parameters"						1..10	
8	H	Group	VARCHAR (35)				1..1
9	I	Conditional Securities Delivery Rule Parameter Name	Name of the parameter type to be set for the rule. Allowed values are: ▌ ISIN ▌ STCR (Settlement Currency) ▌ CSD ▌ SACC (Securities Account) ▌ COIS (Country of Issuance) ▌ PLSE (Place of Settlement)				1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ ISSU (Issuer CSD in T2S)				
			▌ DELI (Delivering CSD in T2S)				
			▌ RECE (Receiving CSD in T2S)				
			▌ IBIC (BIC of Issuer CSD in T2S)				
			▌ DBIC (BIC of Delivering CSD in T2S)				
			▌ RBIC (BIC of Receiving CSD in T2S)				
			▌ TRCD (ISO transaction code)				
			▌ SMTP (Securities movement type)				
			▌ PTPC (Payment type code)				
			▌ CDND(Credit Debit indicator)				

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ STCC(Settlement transaction condition code)				
10	J	Conditional Securities Delivery Rule Parameter Value	VARCHAR (35)		Mandatory when Conditional Securities Delivery Rule Parameter Name is: STCR COIS TRCD SMTP PTPC CDND STCC Not allowed otherwise.		0..1
11	K	Parameter parent BIC Identifier	CHAR(11)		Mandatory when Conditional Securities Delivery Rule Parameter Name is: CSD		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					PLSE Not allowed otherwise.		
12	L	Parameter Party BIC Identifier	CHAR(11)		Mandatory when Conditional Securities Delivery Rule Parameter Name is: CSD PLSE IBIC DBIC RBIC Not allowed otherwise.		0..1
13	M	Parameter Securities Identifier	CHAR(12)		Mandatory when Conditional Securities Delivery Rule Parameter Name is: ISIN Not allowed otherwise.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
14	N	Parameter Securities Account Identifier	VARCHAR(35)		Mandatory when Conditional Securities Delivery Rule Parameter Name is: SACC Not allowed otherwise.		0..1
15	O	Parameter CSD Flag Value	BOOLEAN		Mandatory when Conditional Securities Delivery Rule Parameter Name is: ISSU DELI RECE Not allowed otherwise.		0..1

3.1.2.25 Report Configuration - New

❚ Record Type: "Report Configuration"

The record is used to create a report configuration.

Related activities covered:

TABLE 25 - ACT.21.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Report Configuration"						1..1	
3	C	Configuration Name	VARCHAR (35)				1..1
4	D	Configuration Description	VARCHAR (350)				1..1
5	E	Delta Mode	BOOLEAN				1..1
6	F	Report Name	Possible values: ▌ Statement of Holdings ▌ Statement of Transactions ▌ Statement of Pending Instructions ▌ Statement of Settlement Allegements ▌ Statement of Accounts	Name of the report type.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ SD T2S DCA Statement				
			▌ SD Securities AccountsStatement				
			▌ SD Securities Statement				
			▌ SD Party Statement				
			▌ Current Business Day Cash Forecast				
			▌ Next Business Day Cash Forecast				
			▌ Executed AI on Cash				
			▌ Executed AI on Securities				
			▌ Executed CI on Cash				
			▌ Executed CI on Securities				

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ Pending AI on Cash ▌ Pending AI on Securities ▌ Pending CI on Cash ▌ Pending CI on Securities ▌ Pending Restrictions on Cash ▌ Pending Restrictions on Securities ▌ Settled Restrictions on Cash ▌ Settled Restrictions on Securities				
7	G	System Entity Wide Reporting Flag	BOOLEAN	▌ true = System entity wide reporting			1..1
Group "Report Configuration Party Link"						0..10	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
8	H	Parent BIC	CHAR (11)	Parent BIC of the linked party.			1..1
9	I	Party BIC	CHAR (11)	Party BIC of the linked party.			1..1
10	J	Push Mode	BOOLEAN	▌ true = The recipient gets the report in push mode ▌ false = The recipient gets the report in pull mode			1..1
11	K	Execution Time	TIME	Time of the execution of the report.	Mandatory if Event Type is not specified. Not allowed otherwise.		0..1
12	L	Event Type	CHAR (4)	Code of the event type that triggers the report.	Mandatory if Execution Time is not specified Not allowed otherwise.		0..1
13	M	Valid From	DATE	Starting date for the validity period.	Must be equal or greater than the current date.		1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
14	N	Valid To	DATE	Ending date for the validity period.	Must be greater than the Valid From date.		0..1
15	O	Currency	CHAR(3)	Currency linked to the Report Configuration			0..1

3.1.2.26 Eligible Counterpart CSD - New

❚ Record Type: "Eligible Counterpart CSD"

The record is used to create an eligible counterpart CSD.

Related activities covered:

TABLE 26 - ACT.22.1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
3	C	Valid From	DATE	Valid from date.	Must be equal or greater than the current date.		1..1
4	D	Valid To	DATE	Valid to date.	Must be greater than the Valid From date.		0..1
Group "Investor"						1..1	
5	E	Investor Parent BIC	CHAR (11)	Parent BIC of the investor.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
6	F	Investor BIC	CHAR (11)				1..1
Group " Eligible Counterpart CSD"						1..1	
7	G	Eligible counterpart CSD Parent BIC	CHAR (11)	Parent BIC of the eligible counterpart CSD.			1..1
8	H	Eligible counterpart CSD BIC	CHAR (11)				1..1
Group "Eligibility Type"						1..1	
9	I	Eligibility Type	Possible values: ▌ SECU ▌ CTRY ▌ ISCS	Possible values: ▌ SECU = Securities ▌ CTRY = Country ▌ ISCS = Issuer CSD			1..1
10	J	ISIN	CHAR (12)	Security identification.	Must occur if Eligibility Type is 'Securities'. Otherwise the cell must be empty.		0..1
11	K	Country code	CHAR (2)		Must occur if Eligibility Type is 'Country'. Otherwise the cell must be empty.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
12	L	Issuer Parent BIC	CHAR (11)	External issuer.	Must occur if Eligibility Type is 'Issuer CSD'. Otherwise the cell must be empty.		0..1
13	M	Issuer BIC	CHAR (11)				

3.1.2.27 Certificate Distinguished Name

❚ Record Type: "Certificate DN"

The record is used to create a certificate distinguished name.

TABLE 27 - ACT.16.5

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Certificate Distinguished Name	VARCHAR (256)		ISO15022 interoperability character set restriction does not apply	1..1	

3.1.2.28 User Certificate Distinguished Name Link

❚ Record Type: "User Certificate DN Link"

The record is used to create a link between a Certificate DN and a T2S System User.

TABLE 28 - ACT.16.6

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Certificate Distinguished Name	VARCHAR (256)		ISO15022 interoperability character set restriction does not apply	1..1	
4	D	Login Name	VARCHAR (35)	T2S User's login name.		1..1	
5	E	Default	BOOLEAN			1..1	

3.1.2.29 Restrictions on Securities Account – New

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "Securities Account"						1..1	
3	C	Securities Account Number	VARCHAR (35)	Unique securities account number.			1..1
Group "Securities Account Restriction"						1..10	
4	D	Restriction Type	CHAR (4)	Code of the restriction to be applied.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Restriction Valid From Date	DATE	Valid from date and time of the restriction.	It is optional in case of immediate removal of restrictions.		0..1
6	G	Restriction Valid From Time	TIME		Must be equal to or greater than the current date and time, except for the immediate setup of restrictions. In this case the value is "1000-01-01 00:01:00".		0..1
7	G	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Must be equal to or greater than the valid from date and time, except for the immediate removal of restrictions. In this case the value is "9999-12-31 23:59:00".		0..1
8	H	Restriction Valid To Time	TIME				0..1

3.1.2.30 Restrictions on T2S Dedicated Cash Accounts – New

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n	
Group "T2S Dedicated Cash Account"						1..1	
3	C	T2S Dedicated Cash Account Number	VARCHAR (34)	Unique T2S Dedicated Cash Account number.			1..1
Group "T2S Dedicated Cash Account Restriction"						1..10	
4	D	Restriction Type	CHAR (4)	Code of the restriction to be applied.			1..1
5	E	Restriction Valid From Date	DATE	Valid from date and time of the restriction.	It is optional in case of immediate removal of restrictions.		0..1
6	G	Restriction Valid From Time	TIME		Must be equal to or greater than the current date and time, except for the immediate setup of restrictions. In this case the value is "1000-01-01 00:01:00".		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
7	G	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Must be equal to or greater than the valid from date and time, except for the immediate removal of restrictions. In this case the value is "9999-12-31 23:59:00".		0..1
8	H	Restriction Valid To Time	TIME				0..1

3.1.2.31 Euro Foreign Exchange Reference Rate - New

▌ Record Type: "Euro Foreign Exchange Reference Rate"

This record is used to create a Euro Foreign Exchange Reference Rate used to perform the daily computation of cash penalties.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	**B**	**Record Id**	**NUMERIC (10)**	**Unique identifier of the record.**	**Must occur in each line of the record.**	**1..1**	
Group "Euro Foreign Exchange Reference Rate"						**1..1**	
3	**C**	**Currency Code**	**CHAR(3)**	**Currency for which the rate is provided.**			**1..1**
4	**D**	**Daily Exchange Rate**	**DEC(14,5)**	**Actual rate.**			**1..1**

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Exchange Rate Date	DATE	Date for which the rate is provided			1..1{CR-718}

3.1.3 Dynamic Data

3.1.3.1 Free of Payment Settlement Instruction

▌ Record Type: "FOP"

The record is used to create a free of payment settlement instruction.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1
3	C	Instructing Party Parent BIC	VARCHAR (11)			1..1
4	D	Instructing Party BIC	VARCHAR (11)			1..1
5	E	T2S Actor Instruction Reference	VARCHAR (16) `RestrictedFIN-Max16Text_T2S_1`	Transaction identification.		1..1
6	F	Securities Movement Type Code	Possible values: ▌ DELI ▌ RECE	▌ DELI = Delivery ▌ RECE = Receive		1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
7	G	Payment Type Code	Possible value: ▌ FREE	▌ FREE = FoP instruction		1..1
8	H	Trade Date	DATE		Must be equal or earlier than the Intended Settlement Date	1..1
9	I	Intended Settlement Date	DATE	Go-live date		1..1
10	J	Already matched instruction	Possible values: ▌ MACH ▌ NMAT	▌ MACH = Already matched instruction ▌ NMAT = Unmatched instruction		1..1
11	K	Common Reference	VARCHAR (16) `RestrictedFIN-Max16Text_T2S_1`			1..1
12	L	ISIN	CHAR(12)			1..1
13	M	Settlement Type	Possible values: ▌ UNIT ▌ FAMT	Type of quantity: ▌ UNIT = Unit ▌ FAMT = Face Amount		1..1
14	N	Settlement Quantity	DEC (14,14)* when Settlement Type is 'UNIT'			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
			DEC (14,5)* when Settlement Type is 'FAMT'			
15	O	Securities Account Number	VARCHAR (35)	Safekeeping account.		1..1
16	P	ISO Transaction Code	Possible values: ▪ AUTO ▪ ~~BIYI~~**{CR-713}** ▪ BSBK ▪ **BYIY**{CR-713} ▪ CLAI ▪ CNCB ▪ COLI ▪ COLO ▪ CONV ▪ CORP ▪ FCTA ▪ INSP ▪ ISSU ▪ MKDW ▪ MKUP	Securities transaction type: ▪ AUTO = Auto Collateralisation ▪ ~~BIYI~~ **BYIY** = BuyIn**{CR-713}** ▪ BSBK = Buy Sell Back ▪ CLAI = Market Claim ▪ CNCB = Central Bank Collateral Operation ▪ COLI = Collateral In ▪ COLO = Collateral Out ▪ CONV = Depository Receipt Conversion		1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
			▌ NETT	▌ CORP = Corporate Action		
			▌ NSYN	▌ FCTA = Factor Update		
			▌ OWNE	▌ INSP = Move of Stock		
			▌ OWNI	▌ ISSU = Issuance		
			▌ PAIR	▌ MKDW = Mark Down		
			▌ PLAC	▌ MKUP = Mark Up		
			▌ PORT	▌ NETT = Netting		
			▌ REAL	▌ NSYN = Non Syndicated		
			▌ REDI	▌ OWNE = External Account Transfer		
			▌ REDM	▌ OWNI = Internal Account Transfer		
			▌ RELE	▌ PAIR = Pair Off		
			▌ REPU	▌ PLAC = Placement		
			▌ RODE	▌ PORT = Portfolio Move		
			▌ RPTO			
			▌ RVPO			
			▌ SBBK			
			▌ SBRE			
			▌ SECB			
			▌ SECL			

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
			▌ SLRE ▌ SUBS ▌ **SWIF**{CR-713} ▌ **SWIT**{CR-713} ▌ SYND ▌ TBAC ▌ TRAD ▌ TRPO ▌ TRVO ▌ TURN	▌ REAL = Realignment ▌ REDI = Withdrawal ▌ REDM = Redemption ▌ RELE = Depository Receipt Release Cancellation ▌ REPU = Repo ▌ RODE = Return Delivery without Matching ▌ RPTO = Reporting ▌ RVPO = Reverse **RepoRepurchase Agreement**{CR-713} ▌ SBBK = Sell Buy Back ▌ SBRE = Borrowing Reallocation ▌ SECB = Securities Borrowing		

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
				▌ SECL = Securities Lending ▌ SLRE = Lending Reallocation ▌ SUBS = Subscription ▌ **SWIF = Switch From**{CR-713} ▌ **SWIT = Switch To**{CR-713} ▌ SYND = Syndicate Underwriters ▌ TBAC = TBA Closing ▌ TRAD = Trade ▌ TRPO = Triparty Repo ▌ TRVO = Triparty Reverse Repo ▌ TURN = Turnaround		
17	Q	Receiving Depositary BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'DELI'.	0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
18	R	T2S Receiving Party BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'DELI'.	0..1
19	S	T2S Receiving Party Securities Account	VARCHAR (35)		Must occur when when Securities Movement Type Code is 'DELI' and Already matched instruction is 'MACH'.	0..1
20	T	Delivering Depository BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'RECE'.	0..1
21	U	T2S Delivering Party BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'RECE'.	0..1
22	V	T2S Delivering Party Securities Account	VARCHAR (35)		Must occur when Securities Movement Type Code is 'RECE' and Already matched instruction is 'MACH'.	0..1
23	W	~~Securities Sub-Balance Type Id~~Delivering Securities Sub-Balance Type Id	CHAR(4)	Set up an earmarked position.	Can only be filled in if Securities Movement Type Code is '~~RECE~~DELI'{CR-713}	0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
24	X	~~Securities Sub-Balance Type Issuer~~ Delivering Securities Sub-Balance Type Issuer	Possible value: ▌T2S		~~Must be present if Securities Sub-Balance Type Id is present.~~Must be present if Delivering Securities Sub-Balance Type Id is present.{CR-713}	0..1
25	Y	~~Securities Sub-Balance Type Scheme Name~~Delivering Securities Sub-Balance Type Scheme Name	Possible value: ▌RT	RT = Restriction Type	~~Must be present if Securities Sub-Balance Type Id is present.~~Must be present if Delivering Securities Sub-Balance Type Id is present.{CR-713}	0..1
26	Z	Receiving Securities Sub-Balance Type Id	CHAR(4)	Set up an earmarked position.	Can only be filled in if Securities Movement Type Code is 'RECE'	0..1{CR-713}
27	AA	Receiving Securities Sub-Balance Type Issuer	Possible value: ▌T2S		Must be present if Receiving Securities Sub-Balance Type Id is present.	0..1{CR-713}

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record
28	**AB**	**Receiving Securities Sub-Balance Type Scheme Name**	**Possible value:** ▌ **RT**	**RT = Restriction Type**	**Must be present if Receiving Securities Sub-Balance Type Id is present**	**0..1**{CR-713}

RestrictedFINMax16Text_T2S_1 :

▌ *Pattern: [0-9a-zA-Z\-\|?:\(\)\|.,'\|+](/?([0-9a-zA-Z\-\|?:\(\)\|.,'\|+]/?)*[0-9a-zA-Z\-\|?:\(\)\|.,'\|+]+)?*

3.1.3.2 Restrictions on Securities Account – New

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1..n1	
Group "Securities Account"						1..1	
3	C	Securities Account NumberInstructing Party Parent BIC	VARCHAR (35)	Unique securities account number.			1..1
Group "Securities Account Restriction"						1..10	
4	D	Restriction Type	CHAR (4)	Code of the restriction to be applied.			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5	E	Restriction Valid From Date	DATEVARCHAR (16) - Restricted FINMax16-Text_T2S_1	Valid from date and time of the restriction.	It is optional in case of immediate removal of restrictions. Must be equal to or greater than the current date and time, except for the immediate setup of restrictions. In this case the value is "1000-01-01 00:01:00".		0..1
6	G	Restriction Valid From Time	TIME				0..1
7	G	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Must be equal to or greater than the valid from date and time, except for the immediate removal of restrictions. In this case		0..1
8	H	Restriction Valid To Time	TIME				0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					the value is "9999-12-31 23:59:00".		

3.1.3.3 Restrictions on T2S Dedicated Cash Accounts – New

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.	Must occur in each line of the record.	1…n	
Group "T2S Dedicated Cash Account"						1…1	
3	C	T2S Dedicated Cash Account Number	VARCHAR (34)	Unique T2S Dedicated Cash Account number.			1…1
Group "T2S Dedicated Cash Account Restriction"						1…10	
4	D	Restriction Type	CHAR (4)	Code of the restriction to be applied.			1…1
5	E	Restriction Valid From Date	DATE	Valid from date and time of the restriction.	It is optional in case of immediate removal of restrictions.		0…1
6	G	Restriction Valid From Time	TIME				0…1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					Must be equal to or greater than the current date and time, except for the immediate setup of restrictions. In this case the value is "1000-01-01 00:01:00".		
7	G	Restriction Valid To Date	DATE	Valid to date and time of the restriction.	Must be equal to or greater than the valid from date and time, except for the immediate removal of restrictions. In this case the value is "9999-12-31 23:59:00".		0..1
8	H	Restriction Valid To Time	TIME				0..1

6	F	Securities Movement Type Code	Possible values: ▌ DELI ▌ RECE	▌ DELI = Delivery ▌ RECE = Receive		1...1
7	G	Payment Type Code	Possible value: ▌ FREE	▌ FREE = FoP in-struction		1...1
8	H	Trade Date	DATE		Must be equal or earlier than the In-tended Settlement Date	1...1
9	I	Intended Settlement Date	DATE	Go-live date		1...1
10	J	Already matched in-struction	Possible values: ▌ MACH ▌ NMAT	▌ MACH = Already matched instruc-tion ▌ NMAT = Un-matched instruc-tion		1...1
11	K	Common Reference	VARCHAR (16) RestrictedFINMax16-Text_T2S_1			1...1
12	L	ISIN	CHAR(12)			1...1
13	M	Settlement Type	Possible values:	Type of quantity:		1...1

			▮ UNIT ▮ FAMT	▮ UNIT = Unit ▮ FAMT = Face Amount		
14	N	Settlement Quantity	DEC (14,14)* when Settlement Type is 'UNIT' DEC (14,5)* when Settlement Type is 'FAMT'			1..1
15	O	Securities Account Number	VARCHAR (35)	Safekeeping account.		1..1
16	P	ISO Transaction Code	Possible values: ▮ AUTO ▮ BSBK ▮ CLAI ▮ CNCB ▮ COLI ▮ COLO ▮ CONV ▮ CORP ▮ FCTA ▮ INSP	Securities transaction type: ▮ AUTO = Auto Collateralisation ▮ BSBK = Buy Sell Back ▮ CLAI = Market Claim ▮ CNCB = Central Bank Collateral Operation		1..1

			▮ ISSU	▮ COLI = Collateral In		
			▮ MKDW	▮ COLO = Collateral Out		
			▮ MKUP	▮ CONV = Depository Receipt Conversion		
			▮ NETT			
			▮ NSYN	▮ CORP = Corporate Action		
			▮ OWNE			
			▮ OWNI	▮ FCTA = Factor Update		
			▮ PAIR			
			▮ PLAC	▮ INSP = Move of Stock		
			▮ PORT			
			▮ REAL	▮ ISSU = Issuance		
			▮ REDI	▮ MKDW = Mark Down		
			▮ REDM			
			▮ RELE	▮ MKUP = Mark Up		
			▮ REPU	▮ NETT = Netting		
			▮ RODE	▮ NSYN = Non Syndicated		
			▮ RPTO			
			▮ RVPO	▮ OWNE = External Account Transfer		
			▮ SBBK			
			▮ SBRE			

			▌SECB ▌SECL ▌SLRE ▌SUBS ▌SYND ▌TBAC ▌TRAD ▌TRPO ▌TRVO ▌TURN	▌OWNI = Internal Account Transfer ▌PAIR = Pair Off ▌PLAC = Placement ▌PORT = Portfolio Move ▌REAL = Realignment ▌REDI = Withdrawal ▌REDM = Redemption ▌RELE = Depository Receipt Release Cancellation ▌REPU = Repo ▌RODE = Return Delivery without Matching ▌RPTO = Reporting ▌RVPO = Reverse Repo		

				▌ ~~SBBK = Sell Buy Back~~		
				▌ ~~SBRE = Borrowing Reallocation~~		
				▌ ~~SECB = Securities Borrowing~~		
				▌ ~~SECL = Securities Lending~~		
				▌ ~~SLRE = Lending Reallocation~~		
				▌ ~~SUBS = Subscription~~		
				▌ ~~SYND = Syndicate Underwriters~~		
				▌ ~~TBAC = TBA Closing~~		
				▌ ~~TRAD = Trade~~		
				▌ ~~TRPO = Triparty Repo~~		
				▌ ~~TRVO = Triparty Reverse Repo~~		
				▌ ~~TURN = Turnaround~~		

17	Q	Receiving Depositary BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'DELI'.	0..1
18	R	T2S Receiving Party BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'DELI'.	0..1
19	S	T2S Receiving Party Securities Account	VARCHAR (35)		Must occur when when Securities Movement Type Code is 'DELI' and Already matched instruction is 'MACH'.	0..1
20	T	Delivering Depository BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'RECE'. Must occur when T2S Delivering Party BIC is included	0..1
21	U	T2S Delivering Party BIC	VARCHAR (11)			0..1

22	V	T2S Delivering Party Securities Account	VARCHAR (35)		Must occur when Securities Movement Type Code is 'RECE' and Already matched instruction is 'MACH'.	0..1
23	W	Securities Sub-Balance Type Id	CHAR(4)	Set up an earmarked position.	Can only be filled in if Securities Movement Type Code is 'RECE'	0..1
24	X	Securities Sub-Balance Type Issuer	Possible value: ▌ T2S		Must be present if Securities Sub-Balance Type Id is present.	0..1
25	Y	Securities Sub-Balance Type Scheme Name	Possible value: ▌ RT	RT = Restriction Type	Must be present if Securities Sub-Balance Type Id is present.	0..1

RestrictedFINMax16Text_T2S_1 :

▌ Pattern: [0-9a-zA-Z\-\?:\(\)\.,'\+](/?([0-9a-zA-Z\-\?:\(\)\.,'\+]/?)*[0-9a-zA-Z\-\?:\(\)\.,'\+]+)?

3.1.3.4 Settlement Restriction

▌ Record Type: "Settlement Restriction"

The record is used to create a settlement restriction.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
3	C	Instructing Party Parent BIC	VARCHAR (11)			1..1	
4	D	Instructing Party BIC	VARCHAR (11)			1..1	
5	E	T2S Actor Instruction Reference	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Transaction identification.		1..1	
6	F	Intended Settlement Date	DATE			1..1	
7	G	Priority	Possible values: ▌ 0001 ▌ 0003 ▌ 0004	Values for priority: ▌ 0001 = Reserved ▌ 0003 = High ▌ 0004 = Normal		0..1	
8	H	Securities Account Number	VARCHAR (35)			1..1	
9	I	ISIN	CHAR(12)			1..1	
10	J	Settlement Type	Possible values: ▌ UNIT ▌ FAMT	Type of quantity: ▌ UNIT = Unit ▌ FAMT = Face Amount		1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
11	K	Settlement Quantity	DEC (14,14)* when Settlement Type is 'UNIT' DEC (14,5)* when Settlement Type is 'FAMT'			1..1	
12	L	Corporate Action Event id	VARCHAR(16) – Re-strictedFIN-Max16Text_T2S_1			0..1	
13	M	Balance From	CHAR(4)	AWAS to indicate movement FROM "Deliverable" position		1..1	
14	N	Balance To	CHAR(4)	AWAS to indicate movement TO "Deliv-erable" position		1..1	
15	O	Restriction Reference Id	VARCHAR(30)	Restriction Reference as assigned by T2S during the setup of a restriction		0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
16	P	Link Instruction Counter	NUMERIC(3)	Number of instructions that are included in the pool, if the instruction belongs to a pool.	Mandatory if the instruction belongs to a pool.	0..1	
Group "Linkage"						0..100	
17	Q	Link Processing Position	Possible values: ▌ AFTE ▌ BEFO ▌ INFO ▌ WITH	Type of linkage			0..1
18	R	Securities Settlement Transaction id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the Settlement Instruction to be linked	Only one reference must be provided per occurrence of linkages block.		0..1
19	S	Intra Position Movement Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the Securities Settlement Restriction to be linked	Only one reference must be provided per occurrence of linkages block.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
20	T	Intra Balance Move-ment Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the Cash Settlement Re-striction to be linked	Only one reference must be provided per occurrence of link-ages block.		0..1
21	U	Account Servicer Transaction Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the in-structions provided by the Account Ser-vicer	Only one reference must be provided per occurrence of link-ages block.		0..1
22	V	Market Infrastructure Transaction Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	T2S reference of the instruction to be linked	Only one reference must be provided per occurrence of link-ages block.		0..1
23	W	Pool Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Pool Identification to be linked	Only one reference must be provided per occurrence of link-ages block.		0..1
24	X	Other Transaction Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the in-struction provided by a Third Party	Only one reference must be provided per occurrence of link-ages block.		0..1
25	Y	Reference Owner BIC	VARCHAR (11)	BIC of the reference's owner	Must occur when one of the following fields is present:		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					▐ Securities Settlement Transaction Id ▐ IntraPosition-Movement Id ▐ IntraBal-anceMovement Id ▐ AccountServicer Transaction Id ▐ Pool Id ▐ Other Transaction Id		

RestrictedFINMax16Text_T2S_1 :

▐ *Pattern: [0-9a-zA-Z\-\|?:\(\)\|.,'\|+](/?([0-9a-zA-Z\-\|?:\(\)\|.,'\|+]/?)*[0-9a-zA-Z\-\|?:\(\)\|.,'\|+]+)?*

3.1.3.5 Pending Instruction

▐ Record Type: "Pending Instruction"

The record is used to create a pending instruction.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Instructing Party Parent BIC	VARCHAR (11)			1..1	
4	D	Instructing Party BIC	VARCHAR (11)			1..1	
5	E	T2S Actor Instruction Reference	VARCHAR (16) `RestrictedFIN-Max16Text_T2S_1`	Transaction identification.		1..1	
6	F	Securities Movement Type Code	Possible values: ▌ DELI ▌ RECE	▌ DELI = Delivery ▌ RECE = Receive		1..1	
7	G	Payment Type Code	Possible value: ▌ FREE ▌ APMT	▌ FREE = FoP instruction ▌ APMT = Against Payment		1..1	
8	H	Trade Date	DATE		Must be equal or earlier than the Intended Settlement Date	1..1	
9	I	Intended Settlement Date	DATE			1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
10	J	Already matched instruction	Possible values: ▌ MACH ▌ NMAT	▌ MACH = Already matched instruction ▌ NMAT = Unmatched instruction		0..1	
11	K	Common Reference	VARCHAR (16) `RestrictedFIN-Max16Text_T2S_1`			0..1	
12	L	ISIN	CHAR(12)			1..1	
13	M	Settlement Type	Possible values: ▌ UNIT ▌ FAMT	Type of quantity: ▌ UNIT = Unit ▌ FAMT = Face Amount		1..1	
14	N	Settlement Quantity	DEC (14,14)* when Settlement Type is 'UNIT' DEC (14,5)* when Settlement Type is 'FAMT'			1..1	
15	O	Securities Account Number	VARCHAR (35)	Safekeeping account.		1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
16	P	ISO Transaction Code	Possible values: ▌ AUTO ▌ ~~BIYI~~{CR-713} ▌ BSBK ▌ **BYIY**{CR-713} ▌ CLAI ▌ CNCB ▌ COLI ▌ COLO ▌ CONV ▌ CORP ▌ FCTA ▌ INSP ▌ ISSU ▌ MKDW ▌ MKUP ▌ NETT ▌ NSYN ▌ OWNE	Securities transaction type: ▌ AUTO = Auto Collateralisation ▌ ~~BIYI = BuyIn~~{CR-713} ▌ BSBK = Buy Sell Back ▌ **BYIY = BuyIn**{CR-713} ▌ CLAI = Market Claim ▌ CNCB = Central Bank Collateral Operation ▌ COLI = Collateral In ▌ COLO = Collateral Out ▌ CONV = Depository Receipt Conversion		1..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ OWNI	▌ CORP = Corporate Action			
			▌ PAIR	▌ FCTA = Factor Update			
			▌ PLAC	▌ INSP = Move of Stock			
			▌ PORT	▌ ISSU = Issuance			
			▌ REAL	▌ MKDW = Mark Down			
			▌ REDI	▌ MKUP = Mark Up			
			▌ REDM	▌ NETT = Netting			
			▌ RELE	▌ NSYN = Non Syndicated			
			▌ REPU	▌ OWNE = External Account Transfer			
			▌ RODE	▌ OWNI = Internal Account Transfer			
			▌ RPTO	▌ PAIR = Pair Off			
			▌ RVPO	▌ PLAC = Placement			
			▌ SBBK				
			▌ SBRE				
			▌ SECB				
			▌ SECL				
			▌ SLRE				
			▌ SUBS				
			▌ **SWIF**{CR-713}				

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ **SWIT**{CR-713} ▌ SYND ▌ TBAC ▌ TRAD ▌ TRPO ▌ TRVO ▌ TURN	▌ PORT = Portfolio Move ▌ REAL = Realignment ▌ REDI = Withdrawal ▌ REDM = Redemption ▌ RELE = Depository Receipt Release Cancellation ▌ REPU = Repo ▌ RODE = Return Delivery without Matching ▌ RPTO = Reporting ▌ RVPO = Reverse ~~Repo~~**Repurchase Agreement**{CR-713}			

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ SBBK = Sell Buy Back			
				▌ SBRE = Borrowing Reallocation			
				▌ SECB = Securities Borrowing			
				▌ SECL = Securities Lending			
				▌ SLRE = Lending Reallocation			
				▌ SUBS = Subscription			
				▌ **<u>SWIF = Switch From</u>{CR-713}**			
				▌ **<u>SWIT = Switch To</u>{CR-713}**			
				▌ SYND = Syndicate Underwriters			
				▌ TBAC = TBA Closing			
				▌ TRAD = Trade			

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ TRPO = Triparty Repo ▌ TRVO = Triparty Reverse Repo ▌ TURN = Turn-around			
17	Q	Receiving Depositary BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'DELI'. Must occur when T2S Receiving Party BIC is included	0..1	
18	R	T2S Receiving Party BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'DELI'. Must be present if Receiving CSD Participant's Client BIC is present.	0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
19	S	T2S Receiving Party Securities Account	VARCHAR (35)		Must occur when Securities Movement Type Code is 'DELI' and Already matched instruction is 'MACH'.	0..1	
20	T	Delivering Depository BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'RECE'. Must occur when T2S Delivering Party BIC is included	0..1	
21	U	T2S Delivering Party BIC	VARCHAR (11)		Must occur when Securities Movement Type Code is 'RECE'. Must be present if Delivering CSD Participant's Client BIC is present.	0..1	
22	V	T2S Delivering Party Securities Account	VARCHAR (35)		Must occur when Securities Movement Type Code is 'RECE' and Already matched instruction is 'MACH'.	0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
23	W	**Delivering** Securities Sub-Balance Type Id	CHAR(4)	Set up an earmarked position.	Can only be filled in if Securities Movement Type Code is '~~RE-CE~~DELI'{CR-713}	0..1	
24	X	**Delivering** Securities Sub-Balance Type Issuer	Possible value: ▮ T2S		Must be present if **Delivering** Securities Sub-Balance Type Id is present.{CR-713}	0..1	
25	Y	**Delivering** Securities Sub-Balance Type Scheme Name	Possible value: ▮ RT	RT = Restriction Type	Must be present if **Delivering** Securities Sub-Balance Type Id is present.{CR-713}	0..1	
26	**Z**	**Receiving Securities Sub-Balance Type Id**	**CHAR(4)**	**Set up an earmarked position.**	**Can only be filled in if Securities Movement Type Code is 'RECE'**	**0..1**{CR-713}	
27	**AA**	**Receiving Securities Sub-Balance Type Issuer**	**Possible value:** **T2S**		**Must be present if Receiving Securities Sub-Balance Type Id is present.**	**0..1**{CR-713}	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
28	**AB**	**Receiving Securities Sub-Balance Type Scheme Name**	**Possible value: RT**	**RT = Restriction Type**	**Must be present if Receiving Securities Sub-Balance Type Id is present.**	**0..1**{CR-713}	
~~26~~29	~~Z~~AC	Corporate Action Event id	VARCHAR(16) – RestrictedFIN-Max16Text_T2S_1	For migrating pending instructions with ISD in the past, this field has to be filled in with the special migration code-word.		0..1	
~~27~~30	~~AA~~AD	Cash Account	VARCHAR(34)		Must be present if "Debtor Dedicated Cash Account Number" is present and Credit/Debit Indicator is 'DBIT' Must be present if "Creditor Dedicated Cash Account Number" is present and Credit/Debit Indicator is 'CRDT'	0..1	
~~28~~31	~~AB~~AE	Hold Indicator	BOOLEAN			0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
~~39~~32	~~AC~~AF	Priority	Possible values: ▌ 0001 ▌ 0003 ▌ 0004	Values for priority: ▌ 0001 = Reserved ▌ 0003 = High ▌ 0004 = Normal		0..1	
~~30~~33	~~AD~~AG	Partial Indicator	Possible values: ▌ NPAR ▌ PARC ▌ PARQ ▌ PART	Threshold type and type of partial settlement: ▌ NPAR = Partial-NotAllowed ▌ PARC = Partial-SettlementCash-ThresholdAllowed ▌ PARQ = Partial-Settle-mentQuantity-ThresholdAllowed ▌ PART = PartialAl-lowed		0..1	
~~31~~34	~~AE~~AH	Modification/Cancel-lation allowed	Possible values: TRUE FALSE	Description of val-ues :	▌ For an un-matched settle-ment instruction only the follow-	0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group

			BOTH
			
			NONE
				❚ TRUE = only the instructed leg can be modified / cancelled
				
				❚ FALSE =
				  – In Already Matched SIs, the instructed leg cannot be modified / cancelled, but the T2S gen-erated counter-leg can
				
				  – In Unmatched SIs, the in-structed leg cannot be modified / cancelled
				
				❚ BOTH = both legs can be mod-ified / cancelled
					ing codes for the Modification Can-cellation Allowed are allowed:
					  – TRUE
					  – FALSE
					
					❚ If any value is specified:
					  – In Already Matched SIs default value is BOTH
					  – In Unmatched SIs default value is TRUE
					  –		

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ NONE = neither the instructed nor the T2S generated leg can be modified / cancelled			
~~32~~35	~~AF~~AI	Delivering CSD Participant's Client BIC	VARCHAR(11)		Must be present if Delivering Party 3 BIC is present	0..1	
~~33~~36	~~AG~~AJ	Delivering Party 3 BIC	VARCHAR(11)		Must be present if Delivering Party 4 BIC is present	0..1	
~~34~~37	~~AH~~AK	Delivering Party 4 BIC	VARCHAR(11)			0..1	
~~35~~38	~~AI~~AL	Receiving CSD Participant's Client BIC	VARCHAR(11)		Must be present if Receiving Party 3 BIC is present	0..1	
~~36~~39	~~AJ~~AM	Receiving Party 3 BIC	VARCHAR(11)		Must be present if Receiving Party 4 BIC is present	0..1	
~~37~~40	~~AK~~AN	Receiving Party 4 BIC	VARCHAR(11)			0..1	
~~38~~41	~~AL~~AO	Debtor Party BIC	VARCHAR(11)			0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
39~~42~~	~~AM~~AP	Debtor Dedicated Cash Account Number	VARCHAR(34)			0..1	
40~~43~~	~~AN~~AQ	Creditor Party BIC	VARCHAR(11)			0..1	
41~~44~~	~~AO~~AR	Creditor Dedicated Cash Account Number	VARCHAR(34)			0..1	
42~~45~~	~~AP~~AS	Settlement Amount	DEC(14,5)		Must occur when Payment Type Code is 'APMT' *"For the triplet currency – credit/debit code - Settlement amount, all of them are optional for FOP instructions. However as soon as one of them is filled in, the other two become mandatory. (I.e. In case of payment Type Code is 'FREE', the field 'Settlement Amount' is optional,*	0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					but if it is filled in, the fields 'Currency' and 'Credit/Debit Indicator' must be informed too. Therefore, in case any of the three APMT related fields is filled in, the three of them must be filled in together)"		
43~~46~~	**AQ~~AT~~**	Currency	CHAR(3)		Must occur when Payment Type Code is 'APMT' *"For the triplet currency – credit/debit code - Settlement amount, all of them are optional for FOP instructions. However as soon as one of them is filled in, the other two become mandatory. (I.e. In*	0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					case of payment Type Code is 'FREE', the field 'Settlement Amount' is optional, but if it is filled in, the fields 'Currency' and 'Credit/Debit Indicator' must be informed too. Therefore, in case any of the three APMT related fields is filled in, the three of them must be filled in together)"		
4447	**ARAU**	Credit/Debit Indicator	Possible values: ▮ CRDT ▮ DBIT	Credit/Debit code: ▮ CRDT = Credit ▮ DBIT = Debit	Must occur when Payment Type Code is 'APMT' *"For the triplet currency – credit/debit code - Settlement amount, all of them are optional for FOP instructions. However*	0..1	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					as soon as one of them is filled in, the other two become mandatory. (I.e. In case of payment Type Code is 'FREE', the field 'Settlement Amount' is optional, but if it is filled in, the fields 'Currency' and 'Credit/Debit Indicator' must be informed too. Therefore, in case any of the three APMT related fields is filled in, the three of them must be filled in together)"		
4548	**ASAV**	Link Instruction Counter	NUMERIC (3)		Mandatory if the instruction belongs to a pool.	0..1	
		Group "Linkage"				0..100	

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
46~~49~~	AT~~AW~~	Link Processing Position	Possible values: ▌ AFTE ▌ BEFO ▌ INFO ▌ WITH	Type of linkage			0..1
47~~50~~	AU~~AX~~	Securities Settlement Transaction id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the Settlement Instruction to be linked	Only one reference must be provided per occurrence of linkages block.		0..1
48~~51~~	AV~~AY~~	Intra Position Movement Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the Securities Settlement Restriction to be linked	Only one reference must be provided per occurrence of linkages block.		0..1
49~~52~~	AW~~AZ~~	Intra Balance Movement Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the Cash Settlement Restriction to be linked			0..1
50~~53~~	AX~~BA~~	Account Servicer Transaction Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the instructions provided by the Account Servicer	Only one reference must be provided per occurrence of linkages block.		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
5154	AYBB	Market Infrastructure Transaction Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	T2S reference of the instruction to be linked	Only one reference must be provided per occurrence of linkages block.		0..1
5255	AZBC	Pool Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Pool Identification to be linked	Only one reference must be provided per occurrence of linkages block.		0..1
5356	BABD	Other Transaction Id	VARCHAR (16) – `RestrictedFIN-Max16Text_T2S_1`	Reference of the instruction provided by a Third Party	Only one reference must be provided per occurrence of linkages block.		0..1
5457	BBBE	Reference Owner BIC	VARCHAR (11)	BIC of the reference's owner	Must occur when one of the following fields is present: ▌ Securities Settlement Transaction Id ▌ IntraPosition-Movement Id ▌ IntraBal-anceMovement Id		0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					▌ AccountServicer Transaction Id ▌ Pool Id ▌ Other Transaction Id		
Group "Trade Transaction Condition"						0..1	
~~55~~58	~~BC~~BF	Trade Transaction Condition Code	Possible values: ▌ BCBL ▌ BCBN ▌ BCFD ▌ BCPD ▌ BCRO ▌ BCRP ▌ CBNS ▌ CCPN ▌ CDIV ▌ CRTS ▌ CWAR ▌ GTDL ▌ MAPR	Trade Transaction Code: ▌ BCBL = BoardLot ▌ BCBN = Bad-Name ▌ BCFD = Delivery-Form ▌ BCPD = Deliver-CountryIncorporation ▌ BCRO = Result-Option ▌ BCRP = Resul-tRepo ▌ CBNS = CumBo-nus			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ NEGO	▌ CCPN = Cum-Coupon			
			▌ NMPR	▌ CDIV = CumDividend			
			▌ SPCU	▌ CRTS = Cum-Rights			
			▌ SPEX	▌ CWAR = Cum-Warrant			
			▌ XBNS	▌ GTDL = GuaranteedDelivery			
			▌ XCPN	▌ MAPR = MarketPrice			
			▌ XDIV	▌ NEGO = NegotiatedTrade			
			▌ XRTS	▌ NMPR = NonMarketPrice			
			▌ XWAR	▌ SPCU = SpecialCumDividend			
				▌ SPEX = SpecialExDividend			
				▌ XBNS = ExBonus			

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ XCPN = Ex-Coupon ▌ XDIV = ExDividend ▌ XRTS = ExRights ▌ XWAR = ExWarrant			
Group "Hold Types"						0..2	
~~56~~59	~~BD~~BG	Hold Status Types	Possible values: ▌ CSDH ▌ PTYH ▌ PRCY ▌ BOTH ▌ NONE	Type of hold: ▌ CSDH = CSD Hold only the instructed leg is put on CSD Hold ▌ PTYH = only the instructed leg is put on PartyHold ▌ PRCY = only the T2S generated counterleg is put on Party Hold	At least one occurrence must be present if Hold Indicator is present. If more than one Hold Reason occurs, the same value cannot be repeated within the same Instruction, and only the following combinations are possible: ▌ CSDH and PTYH ▌ CSDH and PRCY		1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ BOTH = both legs are put on Party Hold ▌ NONE = Release (i.e. No hold apply in both legs) ▌ If not specified, SAC's default value is applied.	▌ CSDH and BOTH For an unmatched settlement instruction only the following codes for the Hold indicator are allowed: ▌ CSDH ▌ PTYH		
Group "Settlement Transaction Condition"						0..3	
~~57~~60	~~BE~~BH	Settlement Transaction Condition	Possible values: ▌ ADEA ▌ ASGN ▌ **BSSP**{CR-728} ▌ BUTC ▌ CLEN ▌ DIRT ▌ DLWM ▌ DRAW ▌ EXER ▌ EXPI	Settlement Transaction Condition Code: ▌ ADEA = AcceptAfterRegularSettlementDeadline ▌ ASGN = Assignement ▌ **BSSP = BuyInPartiallySuccessful**{CR-728} ▌ BUTC = BuytoCover			1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			▌ FRCL	▌ CLEN = Clean			
			▌ KNOC	▌ DIRT = Dirty			
			▌ NOMC	▌ DLWM = Delivery Without-Matching			
			▌ PENS				
			▌ PHYS	▌ DRAW = Drawn			
			▌ RESI	▌ EXER = Exercised			
			▌ RHYP				
			▌ RPTO	▌ EXPI = Expired			
			▌ SHOR	▌ FRCL = Free-CleanSettlement			
			▌ SPDL	▌ KNOC = KnockedOut			
			▌ SPST				
			▌ TRAN	▌ NOMC = NoAutomaticMarketClaim			
			▌ TRIP				
			▌ UNEX	▌ PENS = PendingSale			
				▌ PHYS = Physical			
				▌ RESI = Residual			

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
				▌ RHYP = Rehypothecation ▌ RPTO = Reporting ▌ SHOR = ShortSell ▌ SPDL = SpecialDelivery ▌ SPST = SplitSettlement ▌ TRAN = Transformation ▌ TRIP = TripartySegregation ▌ UNEX = Unexposed			
~~586~~61	~~BF~~BI	Place of Trade ID-Market Identifier Code	Text [A-Z0-9]{4,4}		If the "Place of Trade ID- Market Identifier Code" is filled in, then "Place of Trade ID- Description" cannot be filled in.	0..1	0..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
					If the "Place of Trade ID- Market Identifier Code" is filled in, a value for the "Place of Trade Type- Code" must be filled in.		
5962	BGBJ	Place of Trade ID- Description	Text{1,30} ([0-9a-zA-Z\-\?:\(\)\.,'\+]([0-9a-zA-Z\-\?:\(\)\.,'\+]*(/[0-9a-zA-Z\-\?:\(\)\.,'\+])?)*)		If the "Place of Trade ID- Description" is filled in, then "Place of Trade ID- Market Identifier Code" can-not be filled in. If the "Place of Trade ID- Descrip-tion" is filled in, a value for the "Place of Trade Type- Code" must be filled in.	0..1	0..1
6063	BHBK	Place of Trade Type- Code	Possible values: PRIM SECM OTCO		If the "Place of Trade ID- Market Identifier Code" or "Place of Trade ID- Description" is filled	1..1	1..1

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
			VARI EXCH		in, a value for the "Place of Trade Type-Code" must be filled in		
~~61~~64	BL	Place of clearing	VARCHAR (11) Text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9] ([AZ0-9]{3,3}){0,1}		Shows the BIC code of the Clearing House involved in the settle-ment (if any).	0..1	0..1
~~62~~65{CR-713}	BM	Beneficial Ownership	Possible values: ▪ YES ▪ NO		Specifies whether there is change of Beneficial Ownership.	0..1	0..1

RestrictedFINMax16Text_T2S_1 :

▪ *Pattern: [0-9a-zA-Z\-\?:\(\)\.,'\+](/?([0-9a-zA-Z\-\?:\(\)\.,'\+]/?)*[0-9a-zA-Z\-\?:\(\)\.,'\+]+)?*

3.2 Format of "Enriched Files"

The format of the enriched files is based on the format of the Excel and the flat files that have been submitted to DMT. The submitted data remains unchanged but is supplemented with "Further Notifications" and "Statistical Information".

3.2.1 Further Notifications for Static Data records

This data appears in the first row of each Static Data record. It is located right to the migration data.

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +1	last +1	Status	Possible values: ▍ Migrated ▍ Not migrated	Status of the migration.	n/a	1..1
last +2	last +2	Error Code	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +3	last +3	Error Description	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +4	last +4	Error Code 2	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +5	last +5	Error Description 2	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +6	last +6	Error Code 3	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +7	last +7	Error Description 3	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +8	last +8	Error Code 4	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +9	last +9	Error Description 4	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +10	last +10	Error Code 5	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +11	last +11	Error Description 5	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1

❚ "last" stands for the last column with migration data

3.2.2 Further Notifications for Free of Payment Settlement Instruction and Pending Instructions records

This data appears in the first row of each Free of Payment Settlement Instruction or Pending Instructions record. It is located right to the migration data.

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +1	last +1	Status	Possible values: ❚ Migrated ❚ Not migrated	Status of the migration.	n/a	1..1
last +2	last +2	T2S Reference DELI	VARCHAR (16)	T2S Reference of the delivering instruction	Occurs when Status is 'Migrated'.	0..1
last +3	last +3	T2S Reference RECE	VARCHAR (16)	T2S Reference of the receiving instruction	Occurs when Status is 'Migrated'.	0..1
last +4	last +4	Error Code	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +5	last +5	Error Description	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +6	last +6	Error Code 2	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +7	last +7	Error Description 2	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +8	last +8	Error Code 3	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +9	last +9	Error Description 3	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +10	last +10	Error Code 4	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +11	last +11	Error Description 4	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +12	last +12	Error Code 5	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +13	last +13	Error Description 5	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1

▮ "last" stands for the last column with migration data

▮ For accepted already matched instructions "T2S Reference DELI" and "T2S Reference RECE" is informed.

▮ For accepted unmatched instructions, depending on the movement type the corresponding T2S reference column is informed (either "T2S Reference DELI" or "T2S Reference RECE").

3.2.3 Further Notifications for Settlement Restriction records

This data appears in the first row of each Settlement Restriction record. It is located right to the migration data.

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +1	last +1	Status	Possible values: ❚ Migrated ❚ Not migrated	Status of the migration.	n/a	1..1
last +2	last +2	T2S Reference	VARCHAR (16)	T2S Reference of the restriction	Occurs when Status is 'Migrated'.	0..1
last +3	last +3	Error Code	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +4	last +4	Error Description	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +5	last +5	Error Code 2	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +6	last +6	Error Description 2	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +7	last +7	Error Code 3	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +8	last +8	Error Description 3	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1
last +9	last +9	Error Code 4	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +10	last +10	Error Description 4	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +11	last +11	Error Code 5	CHAR (4)	Code of the error.	Occurs when Status is 'Not migrated'.	0..1
last +12	last +12	Error Description 5	VARCHAR (210)	Description of the error.	Occurs when Status is 'Not migrated'.	0..1

▌ "last" stands for the last column with migration data

3.2.4 Statistical Information

This data appears in the 2nd row of the spreadsheed. It is located right to the further notifications.

Flat file column	Excel Column	Field	Format	Description	Rules	Occurs per Record
last +12	last +12	Submitted	NUMERIC (10)	Total number of records submitted.	n/a	1..1
last +13	last +13	Migrated	NUMERIC (10)	Total number of records that have been migrated successfully.	n/a	1..1
last +14	last +14	Not Migrated	NUMERIC (10)	Total number or records that have not been migrated due to an error.	n/a	1..1

▌ "last" stands for the last column with migration data

3.3 Format of Delta Files

The format of the delta files is the same as the format of the Excel and the flat files. The difference is that those records that have been migrated successfully are dropped from the submitted file. The remaining records shall be edited and the file could be submitted again.