

China SMPG Meeting 2023 - Payments for securities



China SMPG
Dec 1, 2023

Confidentiality: Restricted

CBPR+报文和使用规范最新信息

20231201
China SMPG -
CBPR+ Introduction

CBPR+ : A group of your peer banks advising SWIFT on how ISO 20022 should be used

Objective

Create the **global ISO 20022 Market Practice, Usage Guidelines and Translation Rules** for selected messages from the **SWIFT MT Category 1, 2 & 9** set of messages, which will be validated on the SWIFT network in the many to many space.

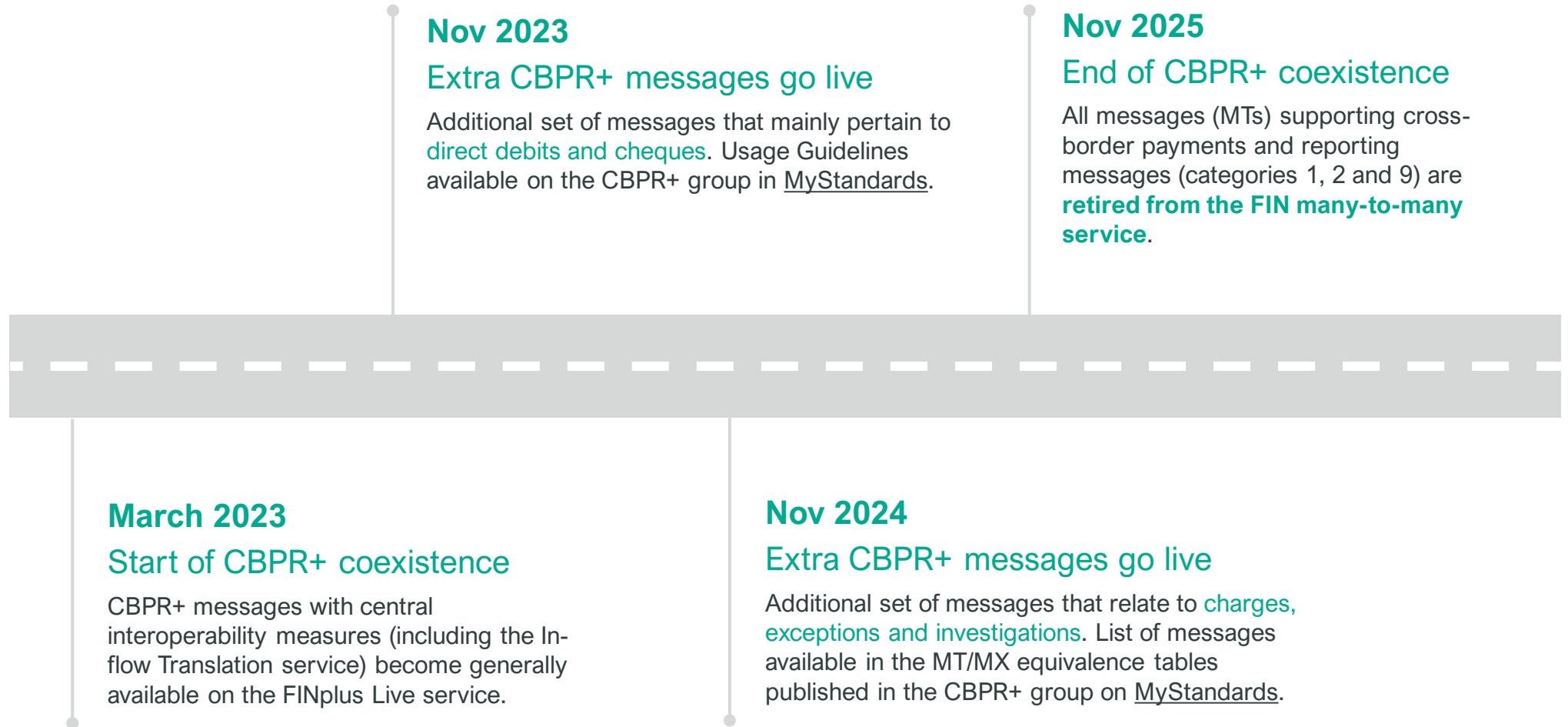
With the approach of



- **Benefiting from ISO 20022 features**, and not a like for like adoption from SWIFT MT
- **Interoperable with high value payment system (HVPS+) guidelines***, while differences should be justified and documented
- **Incorporating gpi requirements**, such as UETR
- **Incorporating securities requirements**, for the cash-leg of a securities transactions
- **Including new messages & functionalities where required**, e.g. Return & Status messages
- **Validated on the SWIFT network**
- **Maintained on a yearly basis**

Core members from: AU, AT, CA, CH, CN, DE, ES, FR, HK, IT, JP, LU, NL, RU, UK, US, ZA, Nordics including securities and gpi experts

CBPR+ migration timeline & minimum requirements

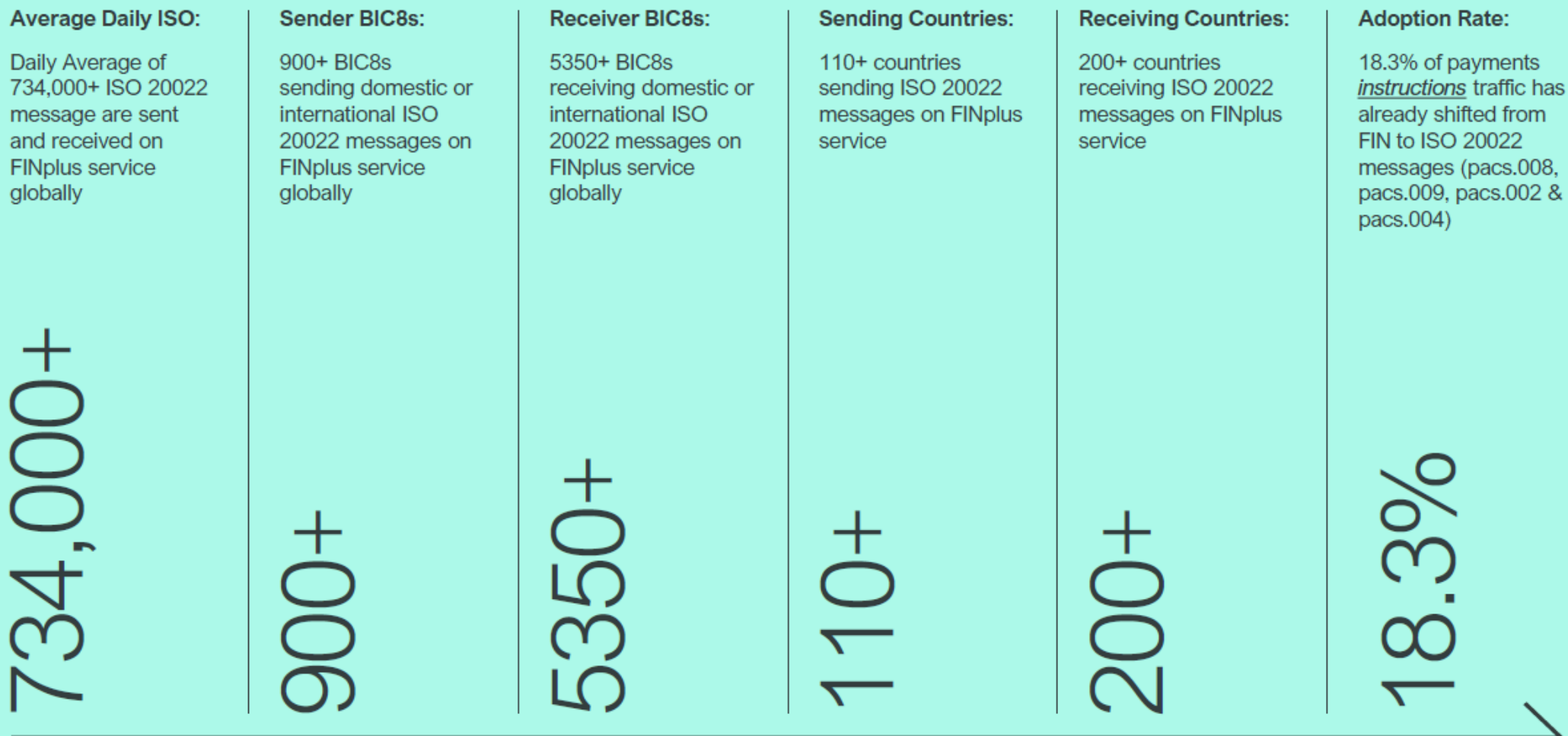


Highlights on CBPR+

October 1st, 2023 – October 31st, 2023

November 2023

Source - Swift
Watch Analytics



March 2023 – Initial CBPR+ Release and Start of Coexistence Inventory of Messages

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ISO 2022 Request Type	Equivalent FIN MT
Business Application Header	
head.001.001.02	n/a
Payment Initiation	
pain.001.001.09 (Interbank)	MT 101 relay
pain.002.001.10	n/a
Payment Status Report	
pacs.002.001.10	n/a
Interbank Direct Debit	
pacs.010.001.03	MT 204
Payment return	
pacs.004.001.09	MT103 /RETN/ MT 202 /RETN/

ISO 2022 Request Type	Equivalent FIN MT
FI to FI Customer Credit Transfer	
pacs.008.001.08	MT 102 MT 103
pacs.008.001.08 STP	MT 102 STP MT 103 STP
FI Credit Transfer	
pacs.009.001.08	MT 200 MT 201 MT 202 MT 203 MT 205
pacs.009.001.08 ADV	MT 202 (with reimbursement Agents – Fields 53 and 54)
pacs.009.001.08 COV	MT 202 COV MT 205 COV

ISO 2022 Request Type	Equivalent FIN MT
Cash Management Reporting	
camt.052.001.08	MT 941 MT 942
camt.053.001.08	MT 935 MT 940 MT 950
camt.054.001.08	MT 900 MT 910
camt.057.001.06	MT 210
camt.060.001.05	MT 920
Exceptions and Investigations	
camt.056.001.08	MT 192 MT 292
camt.029.001.09 (ONLY as a response to camt.056)	MT 196 MT 296

- The above messages are available on FINplus for exchange of live traffic
- Usage Guidelines are published on [MyStandards](#)

November 2023 - CBPR+ Portfolio Inventory of Messages – category 1

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Request Type	Message Name	Existing FIN MT Equivalent
Direct debits		
pain.008.001.08	CustomerDirectDebitInitiation	MT 104 (Direct Debit request)
pacs.003.001.08	FItoFICustomerDirectDebit	MT 107 (General Direct Debit)
Cheques		
camt.107.001.01	ChequePresentmentNotification	MT 110 (Advice of Cheque)
camt.108.001.01	ChequeCancellationOrStopRequest	MT 111 (Request for stop payment of cheque)
camt.109.001.01	ChequeCancellationOrStopReport	MT 112 (Status of request for stop payment of Cheque)
Customer payment cancellation		
camt.055.001.08	CustomerPaymentCancellationRequest	MT 192 (Request for cancellation)

- The above messages are scheduled to be deployed on FINplus in November 2023
- Usage Guidelines are published on [MyStandards](#) along with a new, dedicated [Readiness Portal](#).
- The Translation Portal was updated on 16 June 2023.
- The deployment plan is available in Swift.com [KnowledgeCenter](#).

November 2023 - CBPR+ Portfolio Inventory of Messages – category 2

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Request Type	Message Name	Existing FIN MT Equivalent
Notification to receive cancellation advice		
camt.058.001.06	NotificationToReceiveCancellationAdvice	MT 292 (Request for cancellation)
Interbank direct debit – Margin collection		
pacs.010.001.03*	Interbank Direct Debit - Margin Collection	MT 204 (Financial Market Direct Debit)

- * A separate UG to cover a scenario specific to Central Counterparty (CCP) for margin collection with a usage identifier “*swift.cbprplus.col.01*”
- Usage Guidelines are published on **MyStandards** along with a new, dedicated **Readiness Portal**.
- The Translation Portal was updated on 16 June 2023.

November 2024 - CBPR+ Portfolio Inventory of Messages – category 1 and category 2

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Request Type	Message Name	Existing FIN MT Equivalent
Charges		
camt.105.001.02	ChargesPaymentNotification ChargesPaymentNotification_MultipleCharges	MT 190 / MT 290 (Advice of charges)
camt.106.001.02	ChargesPaymentRequest ChargesPaymentRequest_MultipleCharges	MT 191 / MT 291 (Request for payment of charges)
Cheques		
camt.109.001.01	<u>ChequeCancellationOrStopReport</u>	MT 112 (Status of request for stop payment of Cheque)
Exceptions and Investigations		
camt.110.001.01	InvestigationRequest	MT 195 / MT 295 (Request/Query)
		MT 199 (Investigation Request) MT 299 (Investigation Request)
camt.111.001.01	InvestigationResponse	MT 196 / MT 296 (Response)
		MT 199 / MT 299 (Investigation Response)

- The final scope and the exact content of the usage guidelines for November 2024 will be confirmed following workshops with the CBPR+ Working Group. This will be around September/October 2023, draft Usage Guidelines to be available in December 2023 and final publication in February 2024.

November 2025 – November 2026

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Preferred

Fully structured

- All available address data is mapped into on of the 14 ISO20022 fields
- No co-mingling of data
- No combination with “AdrLine” allowed

```

<Cdtr>
  <Nm>JOHN SMITH</Nm>
  <PstlAdr>
    <StrtNm>HOOGSTRAAT</StrtNm>
    <BldgNb>6</BldgNb>
    <Flr>18</Flr>
    <PstlCd>1000</PstlCd>
    <TwnNm>BRUSSELS</TwnNm>
    <Ctry>BE</Ctry>
  </PstlAdr>
</Cdtr>
    
```

Unstructured

- No combination with structured ISO20022 address elements allowed
- Difficulty to interpret data due to co-mingling of address elements

```

<Cdtr>
  <Nm>JOHN SMITH</Nm>
  <PstlAdr>
    <AdrLine>HOOGSTRAAT 6, 18th floor</AdrLine>
    <AdrLine>1000 BRUSSELS</AdrLine>
    <AdrLine>BE</AdrLine>
  </PstlAdr>
</Cdtr>
    
```

new

Hybrid *In scope of PMPG CR*

- Combination of structured ISO20022 address elements **and** up to 2 lines of 70 characters of unstructured “AdrLine” allowed
- Elements available in structured format must be mapped into the respective structured element (minimum: TownName & Country)
- Structured elements must not be repeated in the AdrLine element(s)

} Network validation rules
} Textual rule

```

<Cdtr>
  <Nm>JOHN SMITH</Nm>
  <PstlAdr>
    <PstlCd>1000</PstlCd>
    <TwnNm>BRUSSELS</TwnNm>
    <Ctry>BE</Ctry>
    <AdrLine>HOOGSTRAAT 6, 18th floor</AdrLine>
  </PstlAdr>
</Cdtr>
    
```



November 2026 Onwards

Preferred

Fully structured

- All available address data is mapped into one of the 14 ISO20022 fields
- No co-mingling of data
- No combination with “AdrLine” allowed

```
<Cdtr>
  <Nm>JOHN SMITH</Nm>
  <PstlAdr>
    <StrtNm>HOOGSTRAAT</StrtNm>
    <BldgNb>6</BldgNb>
    <Flr>18</Flr>
    <PstlCd>1000</PstlCd>
    <TwnNm>BRUSSELS</TwnNm>
    <Ctry>BE</Ctry>
  </PstlAdr>
</Cdtr>
```

Unstructured

- No combination with structured ISO20022 address elements allowed
- Difficulty to interpret data due to co-mingling of address elements

```
<Cdtr>
  <Nm>JOHN SMITH</Nm>
  <PstlAdr>
    <AdrLine>HOOGSTRAAT 6, 18th floor</AdrLine>
    <AdrLine>1000 BRUSSELS</AdrLine>
    <AdrLine>BE</AdrLine>
  </PstlAdr>
</Cdtr>
```

new

Hybrid *In scope of PMPG CR*

- Combination of structured ISO20022 address elements **and** up to 2 lines of 70 characters of unstructured “AdrLine” allowed
- Elements available in structured format must be mapped into the respective structured element (minimum: TownName & Country)
- Structured elements must not be repeated in the AdrLine element(s)

} Network validation rules
} Textual rule

```
<Cdtr>
  <Nm>JOHN SMITH</Nm>
  <PstlAdr>
    <PstlCd>1000</PstlCd>
    <TwnNm>BRUSSELS</TwnNm>
    <Ctry>BE</Ctry>
    <AdrLine>HOOGSTRAAT 6, 18th floor</AdrLine>
  </PstlAdr>
</Cdtr>
```



CBPR+ Portfolio – List of messages **not in scope** of the migration

Message	MT Equivalent	
Proprietary message	MT 198	<p>This message type is used by financial institutions, with their own offices, with other financial institutions and/or with corporate customers with which they have established bilateral agreements. It is used as an envelope for a specified message included in it.</p> <p>It allows for the definition of a unique format for which another message type is not available or applicable.</p> <p>It also allows financial institutions to use message types which are awaiting live implementation on the SWIFT system.</p> <p>For use of messages in the corporate-to-bank environment, see the MT message implementation guide and the message matrix for corporate customers available on www.swift.com</p>
Proprietary message	MT 298	

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Standards Release harmonised timeline and process

MT 维护流程 Swift 协同社群

ISO 20022 UG 维护流程 Swift 协同社群

ISO 20022 报文维护流程 ISO TC68 SC9



How is ISO 20022 different from MT?

Efficient screening
Beneficiary customer example

MT103, Single Customer Credit Transfer

```
{1:F01ABNANL2AAXXX1234012345}
{2:O1031511010606UBSWCHZHGX00000130850105141149S}
{3:{108:UHBT103001}{121:360f1e65-90e0-44d5-a49a-92b55eb3025f}}
{4:
:20:987654321/DEV
:23B:CRED
:32A:011521USD10551,50
:33B:USD10551,50
:50K:/122267890
BIODATA GMBH
HOCHSTRASSE, 27
8022-ZURICH
SWITZERLAND
:59:/1234567890
CUBA SPORTS BAR GRILLE
1234 OCEAN DRIVE
90099 LA
:71A:SHA
```

Unstructured and ambiguous Beneficiary Customer details, e.g. "Cuba" in beneficiary name can be confused with a sanctioned country

pac008, FI To FI Customer Credit Transfer

```
<?xml version="1.0"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:iso:std:iso:20022:tech:xsd:pac008.001.08">
  FIToFICstmrCdtTrf>
  ...
  <CdtTrfTxInf>
    ...
    <Cdtr>
      <Nm>Cuba Sports Bar & Grille</Nm>
      <PstlAdr>
        <StrtNm>Ocean Drive</StrtNm>
        <BldgNb>1234</BldgNb>
        <PstCd>90099</PstCd>
        <TwnNm>Los Angeles</TwnNm>
        <CtrySubDvsn>CA</CtrySubDvsn>
        <Ctry>US</Ctry>
      </PstlAdr>
    ...
  </Cdtr>
```

Structured,
unambiguous
data

Structured and labelled data brings clarity to the message and enables accurate and efficient screening

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How is ISO 20022 different from MT?

Rich data

Sender's reference example

MT103, Single Customer Credit Transfer

```
{1:F01ABNANL2AAXXX1234012345}
{2:O1031511010606UBSWCHZHGXXX00000130850105141149
S}
{3:{108:UHBMT103001}{121:360f1e65-90e0-44d5-a49a-
92b55eb3025f}}
{4:
:20:494931/DEV
:23B:CRED
:32A:090828EUR1958,47
:33B:EUR1958,47
:50K:/122267890
BIODATA GMBH
HOCHSTRASSE, 27
8022-ZURICH
SWITZERLAND
:59:/502664959
H.F. JANSSEN LEDEBOERSTRAAT 27
AMSTERDAM
:71A:SHA
```

Field 20 Sender's Reference is limited to 16 characters

paces.008, FI To FI Customer Credit Transfer

```
<?xml version="1.0"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:iso:std:iso:20022:tech:xsd:paces.008.001.08">
  FIToFICstmrCdtTrf>
    <GrpHdr>
      <MsgId>494931/DEV</MsgId>
      <CreDtTm>9999-12-31T00:00:00</CreDtTm>
      <NbOfTxs>1</NbOfTxs>
      <SttlmInf>
        <SttlmMtd>INDA</SttlmMtd>
      </SttlmInf>
    </GrpHdr>
    <CdtTrfTxInf>
      <PmtId>
        <InstrId>494931/DEV</InstrId>
        <TxId>NOTPROVIDED</TxId>
        <EndToEndId>NOTPROVIDED</EndToEndId>
        <UETR>360f1e65-90e0-44d5-a49-a92b55eb3025f</UETR>
      </PmtId>
      ...
```

Rich, structured,
logically grouped
data

Customer can send

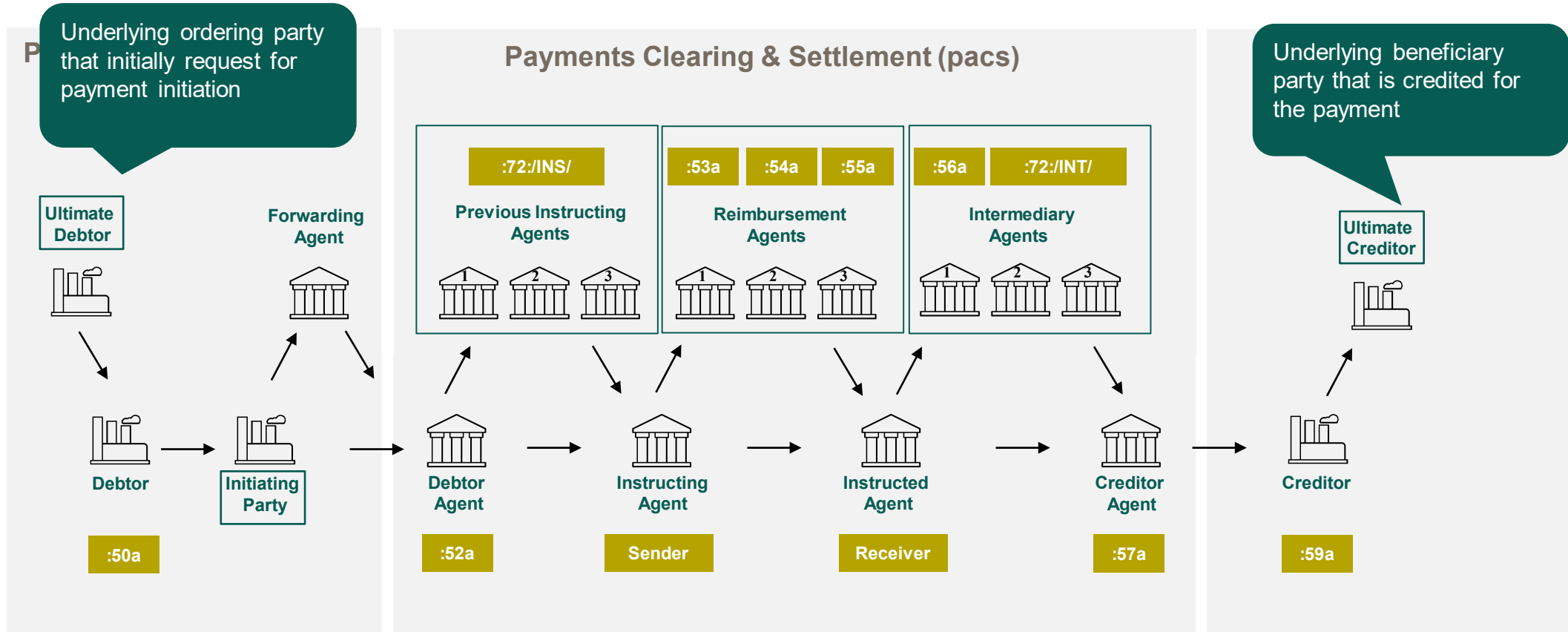
- 35 characters in Message Identification field
- 35 characters in Instruction Identification field
- 35 characters in End To End Identification field
- 35 characters in Transaction Identification field

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Some thoughts on China securities community usage

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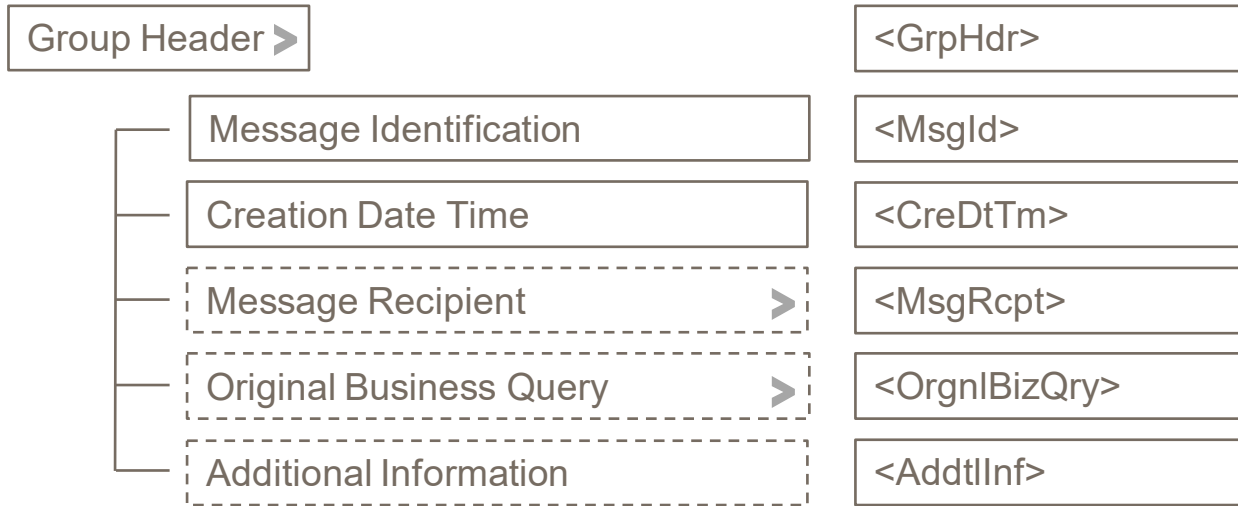
Legend: New parties introduced in ISO 2022 :XX FIN MT format equivalent



全球SMPG工作组Payments Task Force - 关于证券业使用ISO20022现金报告报文的规范建议

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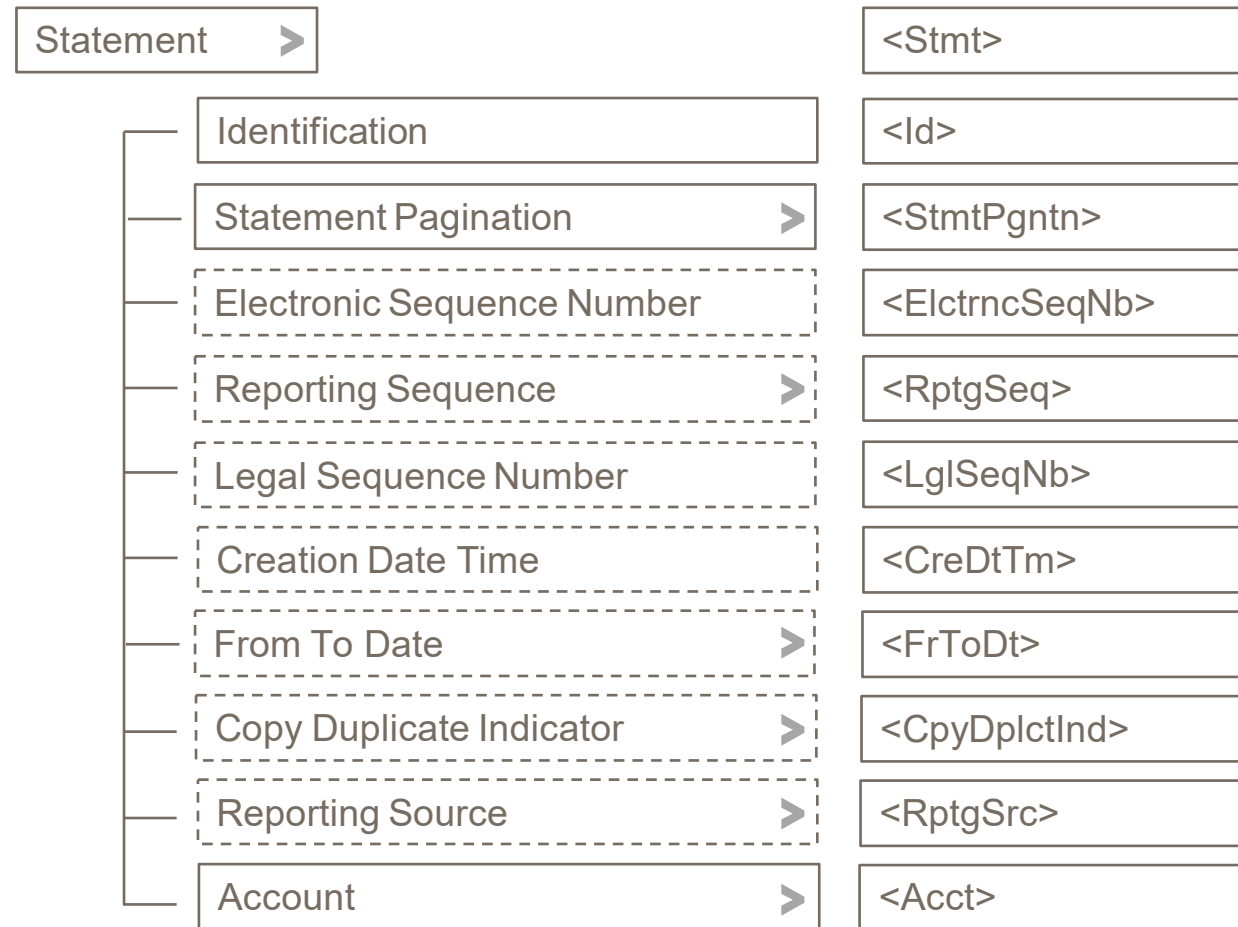
Group Header <GrpHdr> camt.053.001.08



Statement <Stmnt> camt.053.001.08

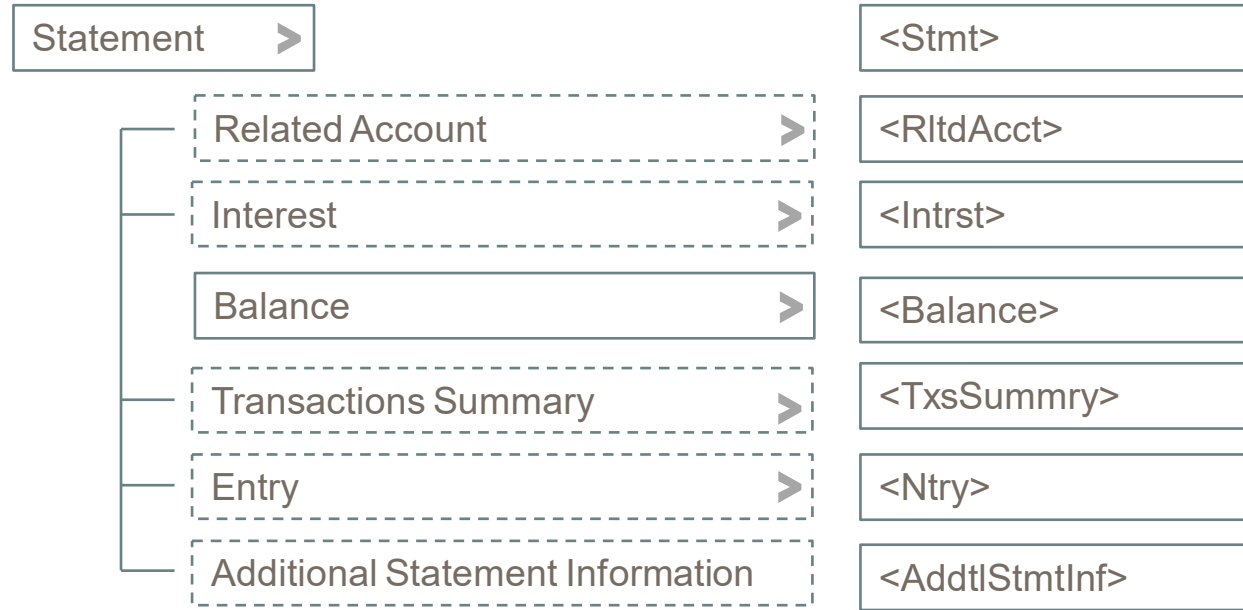
(1/2)

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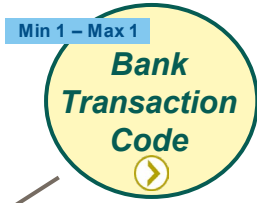


Statement <Stmnt> camt.053.001.08

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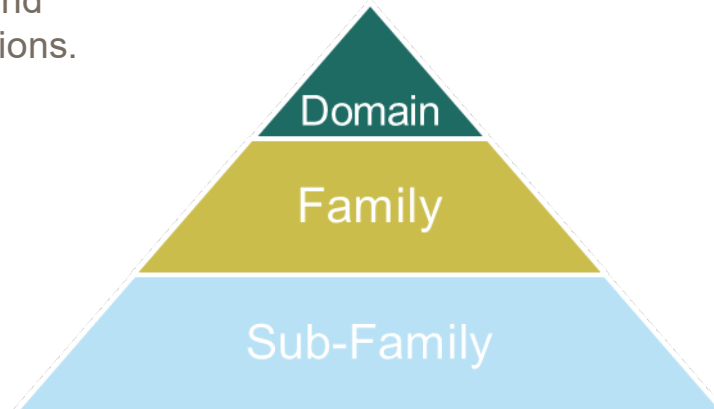


Optional Element in Statement <Stmnt> camt.053.001.08 – Entry <Ntry> (continued)



The **Bank Transaction Code** is designed to deliver a harmonised set of codes which should be applied in bank-to-customer cash account reporting information.

The bank transaction code information allows the **Account Servicer** to correctly report a transaction, which in turn helps **Account Owners** to perform their cash management and reconciliation operations.



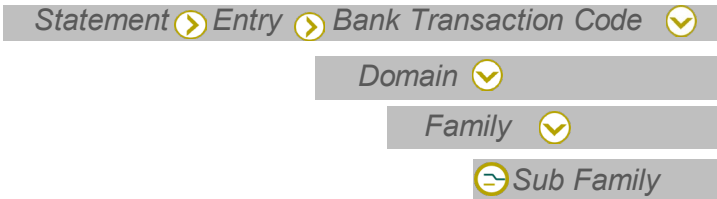
The structure of the Bank Transaction Code has three levels:

Domain: Highest definition level to identify the sub-ledger. The domain defines the business area of the underlying transaction, for e.g., payment, securities etc

Family: Medium definition level, for e.g., type of payment; credit transfer, direct debit etc

Sub-family: Lowest definition level, for e.g., type of cheques; draft etc.

Bank Transaction Codes are an external code set defined in the *Bank Transaction Code combinations* external code sets.



Optional Element in Statement <Stmnt> camt.053.001.08 – Entry <Ntry> (continued)

https://www.iso20022.org/external_code_list.page

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Bank Transaction Code - all permitted combinations of the BTC code sets							
All codes in light grey are defined as the generic codes available for all Domains and Families							
Domain	Family	SubFamily	Domain Code	Family Code	SubFamily Code	Status	Status Date
Payments	Issued Credit Transfers	Cross-Border Credit Transfer	PMNT	ICDT	XBCT	New	27/4/2009
Payments	Received Credit Transfers	Cross-Border Credit Transfer	PMNT	RCDT	XBCT	New	27/4/2009

Bank Transaction Codes are an external code set defined in the *Bank Transaction Code combinations external code sets*.

As an example, a debit statement transaction which relates to a cross-border payment initiated from an account would be represented by:

Domain	Family	Sub-Family
PMNT (Payment)	ICDT (Issued Credit Transfer)	XBCT (Cross-Border Credit Transfer)

Global SMPG Payments Task Force updates – MT9xx Field 61 Subfield 6 BTC usage

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1	ISITC Guidelines			ISO20022						
2	Code	Description	Definition	Domain	Family	SubFamily	DomainCode	FamilyCode	SubFamilyCode	Agreed discussion
45	?			Securities	Blocked Transactions	Credit Adjustments (Generic)	SECU	BLOC	CAJT	
46	?			Securities	Blocked Transactions	Charges (Generic)	SECU	BLOC	CHRG	
47	?			Securities	Blocked Transactions	Commission excluding taxes (Generic)	SECU	BLOC	COME	
48	?			Securities	Blocked Transactions	Commission including taxes (Generic)	SECU	BLOC	COMI	
49	?			Securities	Blocked Transactions	Commission (Generic)	SECU	BLOC	COMM	
50	?			Securities	Blocked Transactions	Non Taxable commissions (Generic)	SECU	BLOC	COMT	
51	?			Securities	Blocked Transactions	Debit Adjustments (Generic)	SECU	BLOC	DAJT	
52	?			Securities	Blocked Transactions	Fees (Generic)	SECU	BLOC	FEEB	
53	?			Securities	Blocked Transactions	Interests (Generic)	SECU	BLOC	INTR	
54	?			Securities	Blocked Transactions	Not available	SECU	BLOC	NTAV	
55	?			Securities	Blocked Transactions	OTC CCP	SECU	BLOC	OTCC	
56	?			Securities	Blocked Transactions	OTC	SECU	BLOC	OTCG	
57	?			Securities	Blocked Transactions	OTC Non-CCP	SECU	BLOC	OTCN	
58	?			Securities	Blocked Transactions	Other	SECU	BLOC	OTHR	
59	?			Securities	Blocked Transactions	Reimbursement (Generic)	SECU	BLOC	RMBG	
60	?			Securities	Blocked Transactions	Taxes (Generic)	SECU	BLOC	TAXE	
61	?			Securities	Blocked Transactions	Exchange Traded CCP	SECU	BLOC	XCHC	
62	?			Securities	Blocked Transactions	Exchange Traded	SECU	BLOC	XCHG	
63	?			Securities	Blocked Transactions	Exchange Traded Non-CCP	SECU	BLOC	XCHH	
	BNK	Bank Fees	Charges that a bank applies to an account for custody services provided.	Securities	Miscellaneous Securities Operations	Bank Fees	SECU	CASH	BKFE	In MT, BNK refers to Securities Related Item - Bank Fees. BKFE is also part of the external Purpose codelist but it has a different meaning of bank loan fees. If used, BKFE to instruct out as loan fees and then get a BTC with BKFE back in the cant for recon, there are two different activities. In the context of BTC, BKFE is always used with Domain and Family Codes to describe the nature of the TRX, thus not equal to BKFE. In the securities space, codes used in the tag 21 of MT 900/910 are identical to the external purpose codes. 7-8 generic codes available for the BTC domain and family such as CHRG, COMM which are used in the cash system. This needs to be clear to the inv. mgr as this is not the payment they instructed to the custodian.
64										
65	BRF	Brokerage Fee		Securities	Miscellaneous Securities Operations	Brokerage Fee	SECU	CASH	BROK	
66	?			Securities	Miscellaneous Securities Operations	Credit Adjustments (Generic)	SECU	CASH	CAJT	To be reviewed
67	?			Securities	Miscellaneous Securities Operations	Charge/Fees	SECU	CASH	CHAR	To be used for securities related transactions.
68	CHG	Charges and Other Expenses	Claims paid to reimburse the client's account for losses incurred due to errors made by the	Securities	Miscellaneous Securities Operations	Charges (Generic)	SECU	CASH	CHRG	
69	CMP	Compensation Claims		Securities	Miscellaneous Securities Operations	Compensation/Claims	SECU	CASH	CLAI	
70	?			Securities	Miscellaneous Securities Operations	Commission Excluding Taxes (Generic)	SECU	CASH	COME	
71	?			Securities	Miscellaneous Securities Operations	Commission Including Taxes (Generic)	SECU	CASH	COMI	
72	COM	Commission		Securities	Miscellaneous Securities Operations	Commission (Generic)	SECU	CASH	COMM	
73	?			Securities	Miscellaneous Securities Operations	Non Taxable Commissions (Generic)	SECU	CASH	COMT	
74	PEN	Cash penalties	Cash penalties related to securities transaction, including CSDR Settlement Discipline Regime	Securities	Miscellaneous Securities Operations	Cash penalties related to Central Securities Depositories Regulation (CSDR).	SECU	CASH	CPEN	
75	?			Securities	Miscellaneous Securities Operations	Credit Adjustments (Generic)	SECU	CASH	DAJT	To be reviewed
76	?			Securities	Miscellaneous Securities Operations	Lending Income	SECU	CASH	ERWA	To be reviewed
77	?			Securities	Miscellaneous Securities Operations	Borrowing Fee	SECU	CASH	ERWI	
78	?			Securities	Miscellaneous Securities Operations	Fees (Generic)	SECU	CASH	FEEB	
79	?			Securities	Miscellaneous Securities Operations	Futures Commission	SECU	CASH	FUCO	To be reviewed
80	?			Securities	Miscellaneous Securities Operations	Future Variation Margin	SECU	CASH	FUTU	To be reviewed
81	?			Securities	Miscellaneous Securities Operations	Withdrawal/Distribution	SECU	CASH	GEN1	To be reviewed
82	?			Securities	Miscellaneous Securities Operations	Deposit/Contribution	SECU	CASH	GEN2	To be reviewed
83	?			Securities	Miscellaneous Securities Operations	Fixed Deposit Interest Amount	SECU	CASH	INFD	To be reviewed
84	?			Securities	Miscellaneous Securities Operations	Interests (Generic)	SECU	CASH	INTR	
85	MGT	Management Fees	Charges that an investment manager applies to an account for services provided.	Securities	Miscellaneous Securities Operations	Management Fees	SECU	CASH	MNFE	

Recommended Mapping



Thank you