

SETTLEMENT/RECONCILIATION AND ISO 15022 STANDARDS:

CANADA MARKET PRACTICE

Issued on behalf of the Canadian Market Practice Group

August 2004

Canadian Market Practice group

1 Primary Objectives

- Foster co-operation between domestic market participants in order to enhance Straight-Through Processing (STP) for T+1 industry initiatives.
- Present a common vision and framework (proposed models) to encompass complete transaction handling from Trade Execution to Final Settlement. This should result in uniform processes as opposed to current bilateral processes.
- Obtain broad participant consensus regarding required market conventions and document/publish future process flow, needed business elements, and technology (message) standards available.

2 Current Priorities

- Continue to participate in the Cross-Border Securities Market Practice group (represented by 30 countries and facilitated by SWIFT).
- Continue information sharing with other National Market practice groups and subgroups (including U.S.)
- While SWIFT message standards are reflected, our current national group remains "format neutral" thus no commitment to any service provider or standard is assumed.

3 Current Deliverable

• The completion and approval of the "Trade Settlement" document which outlines the process flow, required business elements, and technology standards for settlement instructions of vanilla fixed income and equity transactions, as required for institutional (custody service) trade processing.

4 Future Deliverables

- Completion and approval of further documents including TIC (Trade Initiation and Confirmation), CA (Corporate Actions), R (Reconciliation), and Depository processes for all security types and not limited to institutional processing.
- Continued co-operation and integration with other industry initiatives such as GTSPA, G-30, IDA-STP, SWIFT, ISITC/IOA, FIX etc.
- Information on Cross-Border Securities market practice and national market practice groups can be located at www.swift.com

Securities Trade Settlement-Glossary of Terms and Definitions

Qualifier	Definition
AMT	SWIFT Block Name for Amounts
BBS	CDS Book Based Service
BIC	SWIFT Bank Identifier Code
BUYR	SWIFT Qualifier for buyer
CA	Corporate Actions
CDS	Canadian Depository for Securities Limited
CDST010	CDS Interlink Trade Entry
CDST1010	CDS Interlink Trade Entry CDS Interlink Trade Modify
CSD	Central Securities Depository
CSMPG	Canadian Securities Market Practice Group
CUID	CDS participant identifier in CDS systems
DEAG	SWIFT Qualifier for deliverer's agent
FAMT	Face amount of fixed income instrument being dealt with in the message/trade SWIFT Block Name for Financial Instrument Attributes
FIAC	
FIAC	SWIFT Block Name for Financial Instrument/Account
G-30	Canadian Industry Group for Senior focus on market issues including T+1
GENL	SWIFT Block Name for General Information
GSTPA	Global Straight Through Processing Association
IDA	Investment Dealers Association of Canada
ISIN	International Securities Identification Number
MT 541	Receive Against Payment Instruction
MT 543	Deliver Against Payment Instruction
NEWM	SWIFT Message Function Code for New Message
PSET	SWIFT Qualifier for Place of Settlement
REAG	SWIFT Qualifier for receiver's agent
RECU	SWIFT Qualifier for receiver's custodian
SAFE	SWIFT Qualifier for Safekeeping Account
SELL	SWIFT Qualifier for seller
SEME	SWIFT Qualifier for Sender's Reference
SETDET	SWIFT Block Name for Settlement Details
SETPRTY	SWIFT Block Name for Settlement Parties
SETR	SWIFT Qualifier for Type of Settlement Transaction
SETT	SWIFT Qualifier for Settlement Amount
SR	Settlement and Reconciliation
SSS	CDS Securities Settlement Service
STAN	SWIFT Qualifier for Standing Instructions
STP	Straight Through Processing
SWIFT	Society for Worldwide Interbank Financial Telecommunications
T+1	Trade Date plus One Settlement Cycle
TIC	Trade Initiation and Confirmation
TRAD	SWIFT Code for Trade
TRADDET	SWIFT Block Name for Trade Details
UNIT	Quantity of equity instrument being dealt with in the message/trade

Canadian Market Practice document:

1 Document Summary

The following is input to the Canadian component (Country Market Practices) of the Cross-Border Market Practice group $-\frac{1^{st}}{Deliverable}$ on "Trade Settlement".

2 Assumptions

- Settlement instructions reflect "cross-border" trade flow, thus both the Investment Managers and Broker/Dealers are located outside of Canada.
- Settlement instructions reflect "Client Side" trading, not "Market Side" side trading
- SWIFT message templates are used to identify trade flow and needed data elements/fields, however trade flow diagrams (and generic templates) also identify the use of other standards applicable in the Canadian marketplace.

3 Scope

- Settlement Instruction: Receive/Deliver Against Payment
- Transaction Type: Vanilla Trade (normal settlement)
- Financial Instrument: Fixed Income and Equities
- Service: Custody

4 Domestic Generic Scenario

On the buying side:

An Int'l Fund Manager is buying securities from the Int'l Broker/Dealer.

This Fund Manager is using a Global Custodian, who in its turn uses a Sub-Custodian, participant of the local CSD.

On the Selling Side:

An Int'l Broker/Dealer is selling to the Int'l Fund Manager.

This Broker is using a local clearer agent, participant to the local CSD.

5 Domestic Generic Flow

Based on the Domestic Generic Scenario, the following flow of SWIFT messages and other data transfer may occur:

On the buying side: (instruction to receive against payment – MT 541)

- from the Fund Manager to the Global Custodian
- from the Global Custodian to the Sub-Custodian
- from the Sub-Custodian to the CSD.

On the buying side: (CDS file transfer or Interlink Trade Modify – CDST100) from the Sub-Custodian to the CSD

On the selling side: (instruction to deliver against payment – MT 543)

- from the Broker Dealer to the Local Clearer
- from the Local Clearer to the CSD.

On the selling side: (CDS file transfer or Interlink Trade Entry – CDST010)

• from the Local Clearer to the CSD.

Canadian Market Practice for settlement messages:

1 Introduction

This document refers to equities and fixed income vanilla trades in a custody environment.

	Changes to previous version (in dark blue)			
V5.1 August 2002	Addition	Statement MT 535-8, 508, 586, 578 formats	Page 20-33	
V5.2 Augsut 2004	SR 2003- 5	- Addition of :22F::STST mandatory indicator in MT 537 (SR 2003) - Change or MT 538 balance code from RGIS into REGO (SR 2005)	Page 25, 29	

2 Needed elements

CA	
Business element name	Data Content Format
Sender's Message Reference	16x
Settlement Date	8!n
Trade Date	8!n
Identification of Financial Instrument	ISIN1!e12!c
Quantity of Financial Instrument to be settled	4!c/15d with
	4!c = UNIT for equities
	4!c = FAMT for fixed income
Safekeeping account to be credited or debited	35x
Delivering or Receiving agent	$BIC^1(1)$
Client of Delivering or Receiving agent	BIC
A/C of the Client of Delivering or Receiving agent	ACCOUNT 35x (2)
Place of Settlement	BIC
Settlement Amount (including currency)	3!a15d

2.1 Specifics

The Custody service requires only the settlement data as already specified in the Common List of Data Elements plus:

1. The Delivering or Receiving agent to be specified with a ${\rm BIC}^1$

¹ CDS CUID is also accepted (4 alpha characters). CDS CUID will be prefaced with the SWIFT Issuer code of "CDSL".

2. The client of the Delivering or Receiving agent is to be specified with its BIC and its account number at the agent.

3 Description of the common elements used:

 Securities used: CA0123456789 parties and safekeeping accounts relationships as follows:

fund manager	FMXXCC22	fictional Bank Identifier Code (BIC)
	ABCD	fictional account with its global custodian
broker	BKYYCC22	fictional Bank Identifier Code (BIC)
	99857	fictional account with its local agent
global custodian	GCXXDD22	fictional Bank Identifier Code (BIC)
	A1B2	fictional account with its subcustodian/local agent
subcustodian/local agent of the global	SCXXCA22	fictional Bank Identifier Code (BIC)
custodian	ABCX	fictional account with the central securities depository - Fixed Income and Equities
local agent of the broker	BRYYCA22	fictional Bank Identifier Code (BIC)
	ABCY	fictional account with the central securities depository - Fixed Income and Equities
central securities depository	CDSLCATT	

Trade Date is: 01 March 2005
Settlement Date is: 04 March 2005
Settlement amount is: CAD300000,

• Sender's Reference is: 21324

Detailed Field Name	Data Field Content	Example
Chart - 5 1-1 - 1-	CENT	1.CD CDNI
Start of block	GENL	:16R:GENL
Sender's Reference	16x	:20C::SEME//21324
Function of the message	4!c	:23G:NEWM
End of block	GENL	:16S:GENL
Start of block	TRADDET	:16R:TRADDET
Settlement Date	8!n	:98A::SETT//20050304
Trade Date	8!n	:98A::TRAD//20050301
Identification of the	ISIN1!e12!c	:35B:ISIN CA0123456789
Financial Instruments	101111101110	1002110111 011012010707
End of block	TRADDET	:16S:TRADDET
Start of block	FIAC	:16R:FIAC
Quantity of Financial	4!c/15d	:36B::SETT//xxxx/15000,
Instrument	,	, , , ,
Safekeeping Account	35x	:97A::SAFE//xxxxxxxxx
End of block	FIAC	:16S:FIAC
Start of block	SETDET	:16R:SETDET
Settlement Transaction Type	4!a	:22F::SETR//TRAD
Indicator		
IDENTIFICATION OF PARTIES WI	LL VARY ACCORDING	G TO SETTLEMENT CHAIN
Start of block	AMT	:16R:AMT
Settlement amount	3!c15d	:19A::SETT//CAD300000,
End of block	AMT	:16S:AMT
End of block	SETDET	:16S:SETDET

Settlement Chain should at least contain:

Delivering or Receiving agent	BIC	
Client of Delivering or Receiving agent	BIC	
Account of the client of the agent	35X	
Place of Settlement	BIC	

Example:

Start of block	SETPRTY	:16S:SETPRTY
Party (Delivering agent)	BIC	:95P::DEAG//BRYYCA22 ²
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (Seller)	BIC	:95P::SELL//BRYYCC22
Account	:4!c//35x	:97A::SAFE//99857
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (place of settlement)	BIC	:95P::PSET//CDSLCATT
End of block	SETPRTY	:16S:SETPRTY

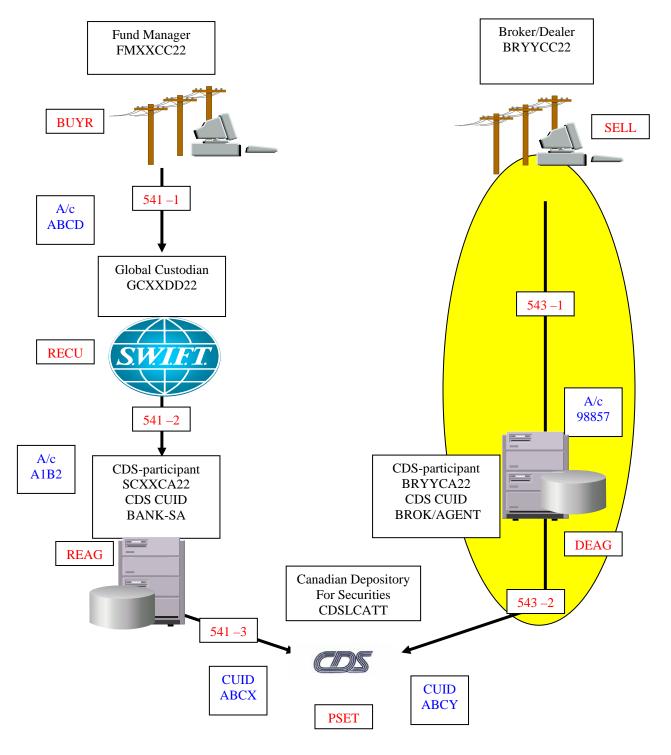
² Or

Start of block SETPRTY :16S:SETPRTY
Party (Delivering agent) CDS CUID :95R::DEAG/CDSL/ABCY
End of block SETPRTY :16S:SETPRTY

4 Illustrative Scenario

4.1 Scenario 1 - 543(1)

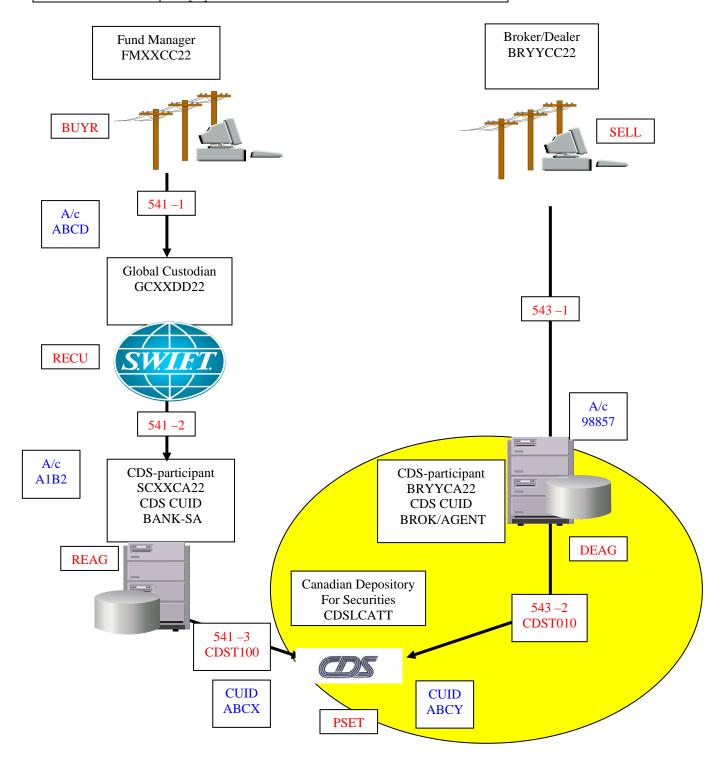
Message Name	MT 543 - Deliver Against Payment
Sender	Broker - BRYYCC22
Receiver	Broker local agent - BRYYCA22
Instrument	Equities - 15000,
Settlement	vs payment



Detailed Field Name	Data Field Content	Example
Start of block	GENERAL INFO	:16R:GENL
Reference	4!C//16x	:20C::SEME//TRANSREFNUMBER
Function of message	4!C[/4!C]	:23G:NEWM
End of block	GENERAL INFO	:16S:GENL
Start of block	TRADE DETAILS	:16R: TRADDET
Settlement Date	:4!c//8!n	:98A::SETT//20050304
Trade Date	:4!c//8!n	:98A::TRAD//20050301
Unit Price	:4!c//4!c/3!a15d	:90B::DEAL//ACTU/CAD/20,
Identification of instrument	[ISIN1!e12!c][4* 35x]	:35B:ISIN CA0123456789 EXAMPLE CDN EQUITY
End of block	TRADE DETAILS	:16S:TRADDET
Start of block	FIAC	:16R:FIAC
Quantity of Financial Instrument	4!c/15d	:36B::SETT//UNIT/15000,
Safekeeping Account	:4!c//35x	:97A::SAFE//98857
End of block	FIAC	:16S:FIAC
Start of block	Settle Details	:16R:SETDET
Settlement Indicator	:4!c//4!c	:22F::SETR//TRAD
Start of block	Settle Parties	:16R:SETPRTY
Receiving agent	P	:95P::REAG//SCXXCA22
	Or	or
	R	:95R::REAG//CDSL/ABCX
End of block	Settle Parties	:16S:SETPRTY
Start of block	Settle Parties	:16R:SETPRTY
Receiver's custodian	P	:95P::RECU//GCXXDD22
Account	:4!c//35x	:97A::SAFE//A1B2
End of block	Settle Parties	:16S:SETPRTY
Start of block	Settle Parties	.1CD.CEMPPTY
Beneficiary (Receiver)	P P	:16R:SETPRTY :95P::BUYR//FMXXCC22
End of block	Settle Parties	:16S:SETPRTY
Elid OI DIOCK	Settle Paitles	:105:5E1PK11
Start of block	Settle Parties	:16R:SETPRTY
Place of Settlement	P, R or Q	:95P::PSET//CDSLCATT
End of block	Settle Parties	:16S:SETPRTY
Start of block	AMT	:16R:AMT
Settlement amount	3!c15d	:19A::SETT//CAD300000,
End of block	AMT	:16S:AMT
End of block	Settle Details	:16S:SETDET

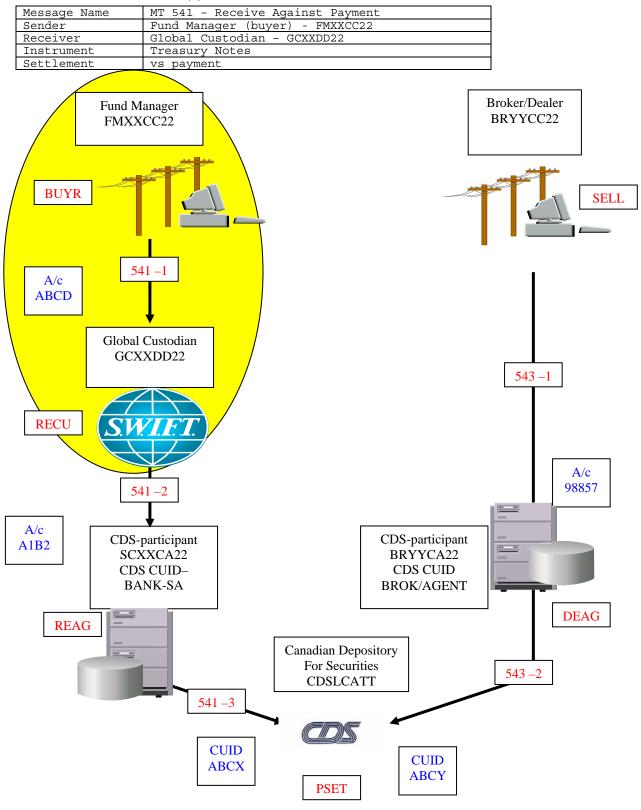
4.2 Scenario 2 - 543(2)

Message Name	MT 543 - Deliver Against Payment
Sender	Broker local agent - BKYYCA22
Receiver	CA CSD - CDSLCATT
Instrument	Equities
Settlement	vs payment



Detailed Field Name	Data Field Content	Example
Start of block	FIAC	:16R:FIAC
Quantity of Financial Instrument	4!c/15d	:36B::SETT//UNIT/15000,
Safekeeping Account	35x	:97A::SAFE//ABCY
End of block	FIAC	:16S:FIAC
Start of block	SETPRTY	:16S:SETPRTY
Party (Receiving agent)	34x (preceded by Data Source Scheme)	:95R::REAG/CDSL/ABCX
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (Receiving custodian)	BIC	:95P::RECU//GCXXDD22
Account	:4!c//35x	:97A::SAFE//A1B2
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (Buyer)	BIC	:95P::BUYR//FMXXCC22
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16S:SETPRTY
Party (Place of Settlement)	BIC	:95P::PSET//CDSLCATT
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (Seller)	BIC	:95P::SELL//BRYYCC22
End of block	SETPRTY	:16S:SETPRTY

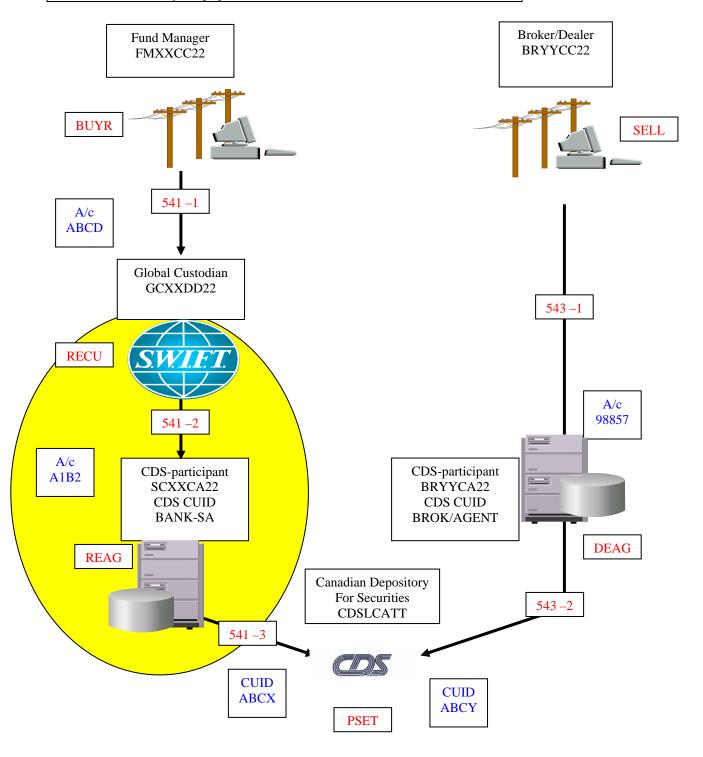
4.3 Scenario 3 – 541 (1)



Detailed Field Name	Data Field Content	Example
Start of block	FIAC	:16R:FIAC
Quantity of Financial Instrument	4!c/15d	:36B::SETT//FAMT/15000,
Safekeeping Account	35x	:97A::SAFE//ABCD
End of block	FIAC	:16S:FIAC
Start of block	SETPRTY	:16S:SETPRTY
Delivering agent	P	:95P::DEAG//BRYYCA22
	Or	or
	R	:95R::DEAG//CDSL/ABCY
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16S:SETPRTY
Party (Place of Settlement)	BIC	:95P::PSET//CDSLCATT
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (Seller)	BIC	:95P::SELL//BRYYCC22
Account	:4!c//35x	:97A::SAFE//98857
End of block	SETPRTY	:16S:SETPRTY

4.4 Scenario 4 – 541 (2)

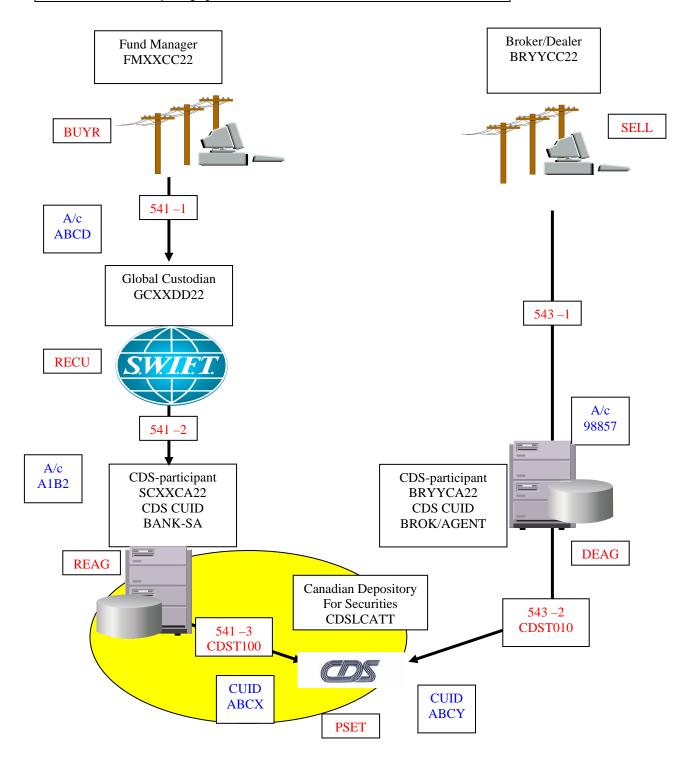
Message Name	MT 541 - Receive Against Payment
Sender	Global Custodian - GCXXDD22
Receiver	Sub Custodian - SCXXCA22
Instrument	Treasury Notes
Settlement	vs payment



Detailed Field Name	Data Field Content	Example
Start of block	FIAC	:16R:FIAC
Quantity of Financial Instrument	4!c/15d	:36B::SETT//FAMT/15000,
Safekeeping Account	35x	:97A::SAFE//A1B2
End of block	FIAC	:16S:FIAC
Start of block	SETPRTY	:16S:SETPRTY
Delivering agent	P	:95P::DEAG//BRYYCA22
	Or	or
	R	:95R::DEAG//CDSL/ABCY
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16S:SETPRTY
Party (Place of Settlement)	BIC	:95P::PSET//CDSLCATT
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (seller)	BIC	:95P::SELL//BRYYCC22
Account	:4!c//35x	:97A::SAFE//98857
End of block	SETPRTY	:16S:SETPRTY

4.5 Scenario 5 - 541(3)

Message Name	MT 541 - Receive Against Payment
Sender	Sub Custodian - SCXXCA22
Receiver	CA CSD - CDSLCATT
Instrument	Treasury Notes
Settlement	vs payment



Detailed Field Name	Data Field Content	Example
Start of block	FIAC	:16R:FIAC
Quantity of Financial Instrument	4!c/15d	:36B::SETT//UNIT/15000,
Safekeeping Account	35x	:97A::SAFE//ABCX
End of block	FIAC	:16S:FIAC
Start of block	SETPRTY	:16S:SETPRTY
Delivering agent		:95R::DEAG//CDSL/ABCY
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16S:SETPRTY
Party (Place of Settlement)	BIC	:95P::PSET//CDSLCATT
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (seller)	BIC	:95P::SELL//BRYYCC22
Account	:4!c//35x	:97A::SAFE//98857
End of block	SETPRTY	:16S:SETPRTY
Start of block	SETPRTY	:16R:SETPRTY
Party (Buyer)	BIC	:95P::BUYR//FMXXCC22
End of block	SETPRTY	:16S:SETPRTY

5 Extension to Settlement Confirmation and Free of Payment

The set of common elements can also be used for settlement confirmation and free of payment transaction with the following differences:

5.1 free of payments

Free of payment instruction contains the same elements as for the against payment transaction except for the elements pertaining to the settlement amounts. The settlement amount(s) is not required.

5.2 confirms

The Settlement confirmation – whether it is a free of payment or an against payment transaction – should contain the same elements as the original instruction

PLUS:

- The reference to the original settlement instruction that was received. This is done using the Linkage Block and the qualifier 20C::RELA//16x

EXCEPT:

- The settlement date given in the confirmation is the effective settlement date (which might differ from the instructed settlement date as stated in the instruction). This translates in ISO 15022 messages by using the qualifier ESET rather than SETT as qualifier for the date field 98a.
- The quantity of financial instrument in the confirmation is the effective settled quantity. This translates in ISO 15022 messages by using the qualifier ESTT rather than SETT as qualifier for the quantity of financial instrument field 36B.
- The settlement amount given in the confirmation is the effective settlement amount. This translates in ISO 15022 messages by using the qualifier ESTT rather than SETT as qualifier for the amount field 19A.

6 MT 535 STATEMENT OF HOLDINGS

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
M/-	· · · · · · · · · · · · · · · · · · ·				
M	16R	uence A - General Information Start of Block - General Information	1	GENL	<u> </u>
M	28E	Page Number/Continuation Indicator		Page nbr +	Page number of statement follow by indicator
1V1	ZOE	rage Number/Continuation indicator		LAST or	- last page of multi page statement or
				MORE or	- intermediate page of multi page statement or
				ONLY	- only page of statement
M	20C	Sender's Reference	SEME	OTIZI	Reports unique number for each new statement
M	23G	Function of Message	NEWM		Only new statements are reported
M	98C	Statement Date	STAT		Reports close of business date/time of statement (Eastern Standard
					Time zone)
M	22F	Statement Type	STTY	CUST	Reports custody holdings statement
M	22F	Statement Basis	STBA	SETT or	Reports actual settled positions or
				TRAD	Reports trade date positions
M	97A	Safekeeping Account	SAFE		Reports clients account number
M	17B	Activity Flag	ACTI	Y	Indicates holdings positions are reported
				Or	
				N	Indicates there are no holding positions reported
M	17B	Activity Flag	CONS	Y or N	Always N as consolidated account reporting not available
M	16S	End of Block - General Information		GENL	Ţ
_		onal Sequence B - Sub-Safekeeping A	ccount		
M	16R	Start Block – Sub-Safekeeping Acct		SUBSAFE	
Ronotis	tive Onti	onal Subsequence B1 - Financial Instru	umont		
M	16R	Start of Block – Financial Instrument		FIN	1
M	35B	Identification of Financial Instrument		ISIN	Reports ISIN plus 2 line security description
171	JJD	racharication of Financial instrument		19114	Reports 15114 plus 2 line security description
M	93B	Aggregate Balance	AGGR	UNIT or	Reports total holding of security with the appropriate type code.
				FAMT	
O	70E	Holdings Narrative	HOLD		Narrative for additional information on the holdings
M	16S	End of Block – Financial Instrument		FIN	
M	16S	End Block – Sub-Safekeeping Acct		SUBSAFE	

MT 535 STATEMENT OF HOLDINGS – continued

For the pricing option, the following tag fields will be reported in addition to the basic statement tag fields.

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE				
Repetit	Repetitive Optional Subsequence B1 - Financial Instrument								
О	90B	Market Price	MRKT	ACTU	Actual market price of holding in local currency				
О	98A	Price Date			Optional – refer to your service provider				
O	19A	Market Value of Holding	HOLD		Market value of holding in currency of the account				
О	92B	Exchange Rate	EXCH		Optional – refer to your service provider				
Repetit M	ive Opti 16R	onal Sequence C - Additional Informa Start of Block – Additional Information	tion	ADDINFO					
M	19A	Page Holdings Amount	HOLP		Total of market value of all seq B1-tag 19A reported for current page of statement				
M	19A	Statement Holdings Amount	HOLS		Total of market value of all seq B1-tag 19A reported for complete statement				
M	16S	End of Block – Additional Information		ADDINFO					

For the availability sub-balance option, the following tag fields will be reported in addition to the basic statement tag fields.

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
Repetis	tive Onti	onal Subsequence B1a – Sub-Balar	ices		
M	16R	Start of Block – Sub-Balances		SUBBAL	
M	93C	Sub-Balances		AVAI or NAVL	The unavailable/available portion of the aggregated balance will be reported for the appropriate qualifiers and appropriate balance. The quantity type values willed be coded with FAMT for debt issues and UNIT for equity issues.
					Refer to your service provider for a list of qualifiers offered.
M	16S	End of Block – Sub-Balances		SUBBAL	

7 MT 536 STATEMENT OF TRANSACTIONS

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
Manda	torv Sea	uence A – General Information			
M	16R	Start of Block - General Information		GENL	
M	28E	Page Number/Continuation Indicator		Page nbr +	Page number of statement follow by indicator
				LAST or	- last page of multi page statement or
				MORE or	- intermediate page of multi page statement or
				ONLY	- only page of statement
M	20C	Sender's Reference	SEME		Reports unique number for each new statement
M	23G	Function of Message	NEWM		Only new statements are reported
M	69B	Statement Period	STAT		Reports close of business date of statement as only daily reporting
					offered
M	97A	Safekeeping Account	SAFE		Reports clients account number
M	17B	Activity Flag	ACTI	Y	Indicates holdings positions are reported
				or	or
				N	Indicates there are no holding positions reported
M	17B	Activity Flag	CONS	Y or N	Always N as consolidated account reporting not available
M	16S	End of Block - General Information		GENL	
Repeti	tive Optic	onal Sequence B – Sub-Safekeeping A	ccount		
M	16R	Start of Block – Sub-Safekeeping		SUBSAFE	
		Account			
Repeti	tive Optic	onal Sequence B1 – Financial Instrum	ent	-	
M	16R	Start of Block – Financial		FIN	
		Instrument			
M	35B	Identification of Financial		ISIN	Reports ISIN plus 2 line security description
		Instrument			(alternatives are CUSIP or SEDOL)
O	93B	Opening Balance	FIOP or	UNIT or	Reports opening balance of security.
			INOP	FAMT	
O	93B	Closing Balance	FICL or	UNIT or	Reports closing balance of security.
	1	1	INCL	FAMT	

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
M	16R	Start of Block – Transaction		TRAN	
Repetiti	ive Mand	datory Subsequence B1a1 - Linkages			
M	16R	Start of Block – Linkages		LINK	
M	20C	Related Reference	RELA		Client's trade reference number from trade instruction message
M	16S	End of Block – Linkages		LINK	
Repetiti	ive Mand	datory Subsequence B1a1 - Linkages			
M	16R	Start of Block – Linkages		LINK	
M	20C	Related Reference	PREV		Service provider's message reference number from trade confirmation message
M	16S	End of Block – Linkages		LINK	
Optiona	al Subse	quence B1a2 – Transaction Details			
M	16R	Start of Block – Transaction Detail		TRANSDET	
M	36B	Quantity of Financial Instrument	PSTA	FAMT or UNIT	Quantity of trade
О	19A	Posting Amount of Trade	PSTA		Settlement amount of trade
O	19A	Accrued Interest	ACRU		Accrued interest from debt trades
					Optional – refer to your service provider
M	22F	Transaction Indicator	TRAN	SETT or	Settlement and clearing activity or
				CORP	Corporate action activity
M	22H	Receive/Deliver Indicator	REDE	DELI or	Deliver from safekeeping account or
3.4	22H	Decree of L. P. etc.	PAYM	RECE APMT or	Receive into safekeeping account
M	22 H	Payment Indicator	PAIM	FREE	Settled against payment or Free of payment
M	22F	Corporate Action Event Indicator	CAEV	Multiple	Reported for corporate action related transactions only. Most corporate
171	221	Corporate Action Event Indicator	CALLY	Withipic	actions codes supported
M	22F	Settlement Type	SETR	TRAD	Reported only for trade related transactions
	05:				
M	98A	Actual Settlement Date	ESET		Effective settlement date
О	98A	Contractual Settlement Date	SETT		Contractual settlement date
					Optional – refer to your service provider
0	25D	Status Movement	MOVE	REVE	Only reported for reversal of a previously reported trade movement
					y
					Optional – refer to your service provider
0	70E	Transaction Details Narrative	TRDE		Narrative for additional information of the transaction

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE			
Repetit	Repetitive Optional Subsequence B1a2a – Settlement Party							
M	16R	Start of Block – Settlement Party		SETPRTY				
M	95P or R or Q	Settlement Party	DEAG or REAG	BIC	Reports the BIC code of the clearing broker (counterparty). Alternatives are reporting tag 95R with local broker proprietary code or tag 95Q with settlement party name.			
О	97A	Safekeeping Account	SAFE		When or if applicable, reports the safekeeping account number of the counterparty			
M	16S	End of Block - Settlement Party		SETPRTY				
M	16S	End of Block - Transaction Detail		TRANSDET				
M	16S	End of Block - Transaction		TRAN				
M	16S	End of Block - Financial Instrument		FIN				
M	16S	End of Block - Sub-Safekeeping Account		SUBSAFE				

8 MT 537 STATEMENT OF PENDING TRANSACTIONS

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
Mondo	tows Com	war and A. Compared Information			
		uence A – General Information		CENT	I
M	16R	Start of Block - General Information		GENL	
M	28E	Page Number/Continuation Indicator		Page nbr +	Page number of statement follow by indicator
				LAST or MORE or	- last page of multi page statement or
				ONLY	- intermediate page of multi page statement or - only page of statement
M	20C	Sender's Reference	SEME	ONLI	Reports unique number for each new statement
M	23G	Function of Message	NEWM		Only new statements are reported
IVI	230	Function of Wessage	INE W IVI		Only new statements are reported
M	98C	Statement Date	STAT		Reports close of business date of statement
M	97A	Safekeeping Account	SAFE	Account nbr	Your account number
M	17B	Activity Flag	ACTI	Y	Indicates holdings positions are reported
				or	or
				N	Indicates there are no holding positions reported
M	22H	Statement Sructure Type Indicator	STST	STAT	Refer to your service provider
				TRAN	
M	16S	End of Block - General Information		GENL	
Repetit		onal Sequence B - Status		_	
M	16R	Start of Block – Status		STAT	
M	25D	Transaction Status			Refer to service provider for appropriate status codes
		<u> </u>			<u>l</u>
Repetit	ive Opti	onal Subsequence B1 - Reason			
M	16R	Start of Block – Reason		REAS	
M	24B	Reason			Refer to service provider for appropriate reason codes
О	70D	Reason Narrative	REAS		Only used to report explanation of the reason code NARR in tag 24B
M	16S	End of Block – Reason		REAS	
Repetit	ive Man	datory Subsequence B2 - Transaction			
M	16R	Start of Block – Transaction		TRAN	
171	1010	Start of Block - Hallsaction	1	IIVAIN	
Repetit	ive Man	datory Subsequence B2a - Linkages			
Nepeut	ive man	datory Jubbequence bza - Ellikages			

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
M	16R	Start of Block – Linkages		LINK	
О	13A	Linked Transaction	LINK		Optional – refer to your service provider
M	20C	Related Reference	RELA		Client's trade reference number from instruction message
M	16S	End of Block - Linkages		LINK	
M	16R	Start of Block – Linkages		LINK	
M	20C	Related Reference	PREV		Service provider's message reference number from trade confirmation message
M	16S	End of Block - Linkages		LINK	
		uence B2b – Transaction Details	t	.	
M	16R	Start of Block – Transaction Details		TRANSDET	
M	35B	Identification of Financial Instrument		ISIN	Reports ISIN plus 2 line security description
M	36B	Quantity of Financial Instrument	PSTA	FAMT or UNIT	Quantity of trade
0	19A	Posting Amount of Trade	PSTA		Settlement amount of trade
M	22F	Transaction Indicator	TRAN TRAN	SETT or CORP	Settlement and clearing activity Pending redemption
M	22H	Receive/Deliver Indicator	REDE	DELI or RECE	Deliver from safekeeping account or Receive into safekeeping account
M	22H	Payment Indicator	PAYM	APMT or FREE	Settled against payment or Free of payment
M	22F	Settlement Type	SETR or	TRAD or	Reported only for trade related transactions
			CAEV	REDM	Corporate Actions redemption
M	98A	Contractual Settlement Date	SETT		Contractual settlement date
О	70E	Transaction Details Narrative	TRDE		Reports location of trade settlement and any miscellaneous information related to trade.
					Where applicable, reports 'PROCEEDS CONTRACTUALLY
					SETTLED'
Reneti	itive Ont	tional Subsequence B2b1 – Set	l tlement F	Price	DLITED
M	16R	Start of Block – Settlement Parties		SETPRTY	
M	95P	Settlement Party	DEAG	BIC	Reports the BIC code of the clearing broker (counterparty).
171	or R	Sectionicit i arty	or	Dic	Alternatives are reporting tag 95R with local broker proprietary code
	or Q		REAG		or tag 95Q with settlement party name.
О	97A	Safekeeping Account	SAFE		When or if applicable reports the safekeeping account number of the counterparty
M	16S	End of Block – Settlement Party		SETPRTY	
M	16S	End of Block – Transaction Detail		TRANSDET	

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
M	16S	End of Block – Transaction		TRAN	
M	16S	End of Block – Status		STAT	

9 MT 538 STATEMENT OF INTRA-POSITION ADVICES

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE			
Mandai	Mandatory Sequence A – General Information							
M	16R	Start of Block – General Information		GENL				
M	28E	Page Number/Continuation Indicator		Page nbr +	Page number of statement follow by indicator			
				ONLY	- only page of statement			
M	20C	Sender's Reference	SEME		Reports unique number for each statement			
M	23G	Function of Message	NEWM		Only new statements are reported			
M	69B	Statement Period	STAT		Reports close of business date of statement			
M	97A	Safekeeping Account	SAFE	Account nbr	Your account number			
М	17B	Activity Flag	ACTI	Y	Indicates holdings positions are reported. 'NO ACTIVITY' statements are not sent.			
M	16S	End of Block - General Information		GENL				
Ponetit	ivo Onti	onal Sequence B – Financial Instrume	nt					
M	16R	Start of Block – Financial		FIN				
IVI	1010	Instrument		1.11V				
M	35B	Identification of Financial		ISIN	Reports ISIN plus 2 line security description			
		Instrument			(alternatives are CUSIP and SEDOL)			
Repetit	ive Mand	datory Subsequence B1 – Sub-Balance	9					
M	16R	Start of Block – Sub-Balances		SUBBAL				
M	93A	Balance From	FROM	SCEENIE	Reports the 'from' position of the movement			
					Refer to your service provider for codes			
_								
		datory Subsequence B1a – Intra Positi	on Movem					
M	16R	Start of Block – Intra-Positions		INPOS				
Optiona	al Subse	equence B1a1 - Linkages						
M	16R	Start of Block – Linkages		LINK	This sequence reported only for physical receive transaction settlements for which client has provided their transaction reference			
					number.			

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
О	13A	Linked Transactions	LINK		Reports linked message type number
					Optional – refer to your service provider
M	20C	Related Reference	RELA		Reports clients transaction reference number
			or PREV		
M	16S	End of Block - Linkages		LINK	
M	36B	Quantity of Financial Instrument	ESTT	FAMT or	Quantity of intra-position movement
				UNIT	
M	93A	Balance To	TOBA	See Codes	Reports the 'to' position of the movement.
				Table Below	Refer to above table for codes.
M	98A	Settlement Date	SETT		Reports date of movement
О	70E	Settlement Instruction Narrative	SPRO		If applicable, reports additional information related to movement.
M	16S	End of Block – Intra-Positions		INPOS	
M	16S	End of Block – Sub-Balances		SUBBAL	
M	16S	End of Block – Financial Instrument		FIN	

Code	Definition of Tag 93A Codes
AVAI	Available Sub-balance
COLI	Collateral In Sub-balance.
LOAN	Loan Out Sub-balance
MARG	Derivatives Margin Sub-balance (Optional)
PECA	Pending Corporate Action Sub-balance
PLED	Pledged Sub-balance
REGO	Registration Sub-balance
RSTR	Restricted Sub-balance

10 MT 508 INTRA POSITION ADVISES

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
	_				
Mandato	ry Seque	ence A – General Information			
M	16R	Start of Block –General Information		GENL	
M	20C	Sender's Reference	SEME		Sender's unique number
M	23G	Function of Message	NEWM		New message
O	98A	Creation Date / Time	PREP		Actual date/time of message (yyyymmddhhmmss)
Optiona	l Subse	quence A1 – Linkages			
M	16R	Start of Block – Linkages	LINK		
M	20C	Related Reference	RELA or		Transaction reference number
			PREV		
M	16S	End of Block - Linkages	LINK		
M	16S	End of Block – General Information	GENL		
Mandato	ry Seque	ence B – Intra-Position Details			
M	16R	Start of Block – Intra-Position Details	INPOSDET		
M	97A	Safekeeping Account	SAFE		Client's account number
M	36B	Quantity of Securities	ESTT	FAMT	Quantity of intra-position movement
				or	
				UNIT	
M	35B	ID of Securities	ISIN		ISIN plus security description
M	98A	Contractual Settlement Date	SETT		Date of movement (yyyymmdd)
O	70E	Settlement Instructions	SPRO		Narrative
M	93A	Balance From	FROM		Reports the 'from' position of the movement
					Refer to service provider for codes
M	93A	Balance To	TOBA		Reports the 'to' position of the movement
3.6	1.00	E I CDI I I I D W D W	DIBOGRES		Refer to service provider for codes
M	16S	End of Block – Intra-Position Details	INPOSDET		

11 MT 586 STATEMENT OF SETTLEMENT ALLEGEMENTS

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
Manda	tory Sea	uence A – General Information			
M	16R	Start of Block - General Information		GENL	
M	28E	Page Number/Continuation Indicator		Page nbr +	Page number of statement follow by indicator
171	ZOL	r age reamber/continuation indicator		LAST or	- last page of multi page statement or
				MORE or	- intermediate page of multi page statement or
				ONLY	- only page of statement
M	20C	Sender's Reference	SEME	- '	Reports unique number for each new statement
M	23G	Function of Message	NEWM		Only new statements are reported
M	98C	Statement Date	STAT		Reports close of business date of statement offered
M	97A	Safekeeping Account	SAFE	Account nbr	Your account number
M	17B	Activity Flag	ACTI	Y	Indicates holdings positions are reported. 'No Activity' statements are
					not sent.
M	16S	End of Block - General Information		GENL	
Repetit	tive Opti	onal Sequence B – Allegement Details			
M	16R	Start of Block – Allegement Details		ALLDET	
M	98A	Settlement Date	SETT		Contractual settlement date
О	98A	Trade Date*	TRAD		Trade date
					Optional – Refer to your service provider
О	90B	Deal Price*			Optional – Refer to your service provider
M	35B	Identification of Financial Instrument		ISIN	Reports ISIN plus 2 line security description
					(alternatives are CUSIP or SEDOL)
О	22H	Payment Indicator	PAYM	APMT or	Settled against payment or
				FREE	Free of payment
О	22H	Receive/Deliver Indicator	REDE	DELI or	Deliver from safekeeping account or
				RECE	Receive into safekeeping account
Option	al Subse	equence B1 - Linkages			
M	16R	Start of Block – Linkages		LINK	
M	20C	Related Reference	PREV		Service provider's trade reference number
M	16S	End of Block – Linkages		LINK	
			(l .	ı

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
Manda	tory Sub	sequence B3 – Financial Instrument/A	Account		
M	16R	Start Block – Fin'l Instrument/Acct		FIAC	
M	36B	Quantity of Financial Instrument	SETT	FAMT or	Quantity of alleged trade
				UNIT	
M	16S	End Block – Fin'l Instrument/Acct		FIAC	
Manda		sequence B5 – Settlement Details		1	
M	16R	Start of Block – Settlement Details		SETDET	
M	22F	Type of Settlement Transactions	SETR	TRAD	
Repetit	tive Man	datory Subsequence B5a – Settlemen	t Party		
M	16R	Start of Block – Settlement Parties		SETPRTY	
M	95P	Settlement Party	DEAG	BIC	Reports the BIC code of the clearing broker (counterparty).
	or R		or		Alternatives are reporting tag 95R with local broker proprietary code
	or Q		REAG		or tag 95Q with settlement party name.
O	97A	Safekeeping Account	SAFE		When or if applicable, reports the safekeeping account number at the
					clearing broker
O	20C	Processing Reference	PROC		Transaction reference number assigned by CDS
O	70C	Transaction Details	DECL		Narrative
M	16S	End of Block – Settlement Party		SETPRTY	
IVI	105	End of Block – Settlement Larty		SETTKIT	
Repetit	tive Opti	onal Subsequence B5c - Amounts			
	16R	Start of Block – Amounts		AMT	
M			ACRU		Optional – Refer to your service provider
M M	19A	Accrued Interest Amount*	ACKU		Optional – Refer to your service provider
	19A 19A	Accrued Interest Amount* Settlement Amount of Trade	SETT		Settlement amount of trade
M				AMT	
M M	19A	Settlement Amount of Trade		AMT SETDET	

12 MT 578 – SETTLEMENT ALLEGEMENT

(Intra-day unaffirmed Broker Source Trade ONLY)

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
Mandata	rı Coque	ence A – General Information			
			CENT	T	1
M	16R	Start of Block – General Information	GENL		
) /	200		CEME		Decree and the contract of the
M	20C	Sender's reference	SEME		Reports sender's unique reference number
M	23G	Function of Message	NEWM		New Message
0	98C	Creation Date / Time	PREP		Actual date/time of message (yyyymmddhhmmss)
M	16S	End of Block – General	GENL		
		Information			
	_				
		ence B – Trade Details			
M	16R	Start of Block – Trade Details	TRADDE		
			T		
M	98A	Contractual Settlement Date	SETT		Date of movement (yyyymmdd)
O	90B	Deal Price	DEAL	ACTU	Optional – refer to your service provider
M	35B	ID of Securities	ISIN		ISIN plus security description
О	22H	Receive / Deliver Indicator	REDE	DELI or	Deliver from safekeeping account or
				RECE	Receive into safekeeping account
О	22H	Payment Indicator	PAYM	APMT or	Settled against payment or
				FREE	Free of payment
M	16S	End of Block – Trade Details	TRADDE		• •
			T		
	•				
Mandato	ry Seque	ence C – Financial Instrument / Acco	ount		
M	16R	Start of Block – Financial	FIAC		
111	1010	Instrument / Account	11110		
M	36B	Quantity of Financial Instrument	SETT	FAMT or	Quantity of alleged trade
141	300	Quantity of I manetar instrument	SETT	UNIT	Quality of uneged fluid
M	97A	Safekeeping Account	SAFE	21,11	Client's account number
M	16S	End of Block – Financial Inst/	FIAC		
111	100	Account	11110		
	1	1	1	I	
Mandato	rv Segue	ence E – Settlement Details			
	., ocque	Dottomont Dottano			

STAT	TAG	TAG FIELD DESCRIPTION	QUAL	CODE	USAGE
M	16R	Start of Block – Settlement Details	SETDET		
M	22F	Settlement Instruction	SPRO		Narrative
Repetitiv	e Manda	tory Subsequence E1 – Settlement I	Party		
M	16R	Start of Block – Settlement Parties	SETPRT Y		
M	95P	Settlement Party	DEAG		Reports the BIC code of the clearing broker (counterparty).
	or R		Or		Alternatives are reporting tag 95R with local broker proprietary code
	or Q		REAG		for tag 95Q with settlement party name.
О	97A	Safekeeping Account	SAFE		When or if applicable, reports the safekeeping account number at the clearing broker
M	16S	End of Block – Settlement Parties	SETPRT Y		
Mandato	ry Seque	nce E – Settlement Details			
M	16R	Start of Block – Amounts	AMT		
M	19A	Settlement Amount of Trade	ESTT		Settlement amount of trade
M	19A	Accrued Interest Amount	ACRU		Optional – refer to your service provider
M	19A	Charges & Fees	CHAR		Reports broker fees
M	19A	Broker's Commission	EXEC		Reports broker's commission
M	16S	End of Block – Amounts	SETDET		