Swift

Standards

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Message Reference Guide

MT 541 Receive Against Payment

This document describes a MT message exported from the MyStandards web platform. You can also consult this information online.

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Message Types

The following table lists all message types defined in this book.

For each message type, there is a short description, an indicator whether the message type requires authentication (Y/N), the maximum message length on input (2,000 or 10,000 characters), whether the use of the message requires registration with SWIFT for use in a message user group (Y) or not (N) and whether value date ordering (VDO) can be requested for the message (Y/N). Value date ordering criteria are described in the *Standards MT General Information*.

MT	MT Name	Purpose	Authen.	Max. Length	MUG	VDO
541	Receive Against Payment	Instructs a receipt of financial instruments against payment. It may also be used to request a cancellation or preadvise an instruction	Y	10000	N	N

MT 541 Receive Against Payment

MT 541 Scope

This message is sent by an account owner to an account servicer (account servicing institution). The account owner may be a global custodian which has an account with its local agent (sub custodian) or an investment management institution or a broker/dealer which has an account with their custodian.

This message is used to:

- instruct the receipt of financial instruments against payment, physically or by book-entry, from a specified party (the function of the message is NEWM)

- request the cancellation of a receive against payment instruction previously sent by the account owner (the function of the message is CANC)

- pre-advise the account servicer of a forthcoming receive against payment instruction (the function of the message is PREA)

The instruction may be linked to other settlement instructions, for example, for a turnaround or back-to-back, or other transactions, for example, foreign exchange deal, using the linkages sequence.

MT 541 Format Specifications

MT 541 Receive Against Payment

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	*No.*
Mandatory Sequence A General Information						
M	16R			Start of Block	GENL	1
M	20C	SEME	Reference	Sender's Message Reference	:4!c//16x	2
M	23G			Function of the Message	4!c[/4!c]	3
O	98a	PREP	Date/Time	Preparation Date/Time	A, C, E	4
---->						
O	99a	4!c	Number Count	(see qualifier description)	B, C	5
----|						
----> Optional Repetitive Subsequence A1 Linkages						
M	16R			Start of Block	LINK	6
O	22F	LINK	Indicator	Linkage Type Indicator	:4!c/[8c]/4!c	7
O	13a	LINK	Number Identification	Linked Message	A, B	8
M	20a	4!c	Reference	(see qualifier description)	C, U	9
O	36a	4!c	Quantity of Financial Instrument	(see qualifier description)	B, D	10
M	16S			End of Block	LINK	11
----| End of Optional Repetitive Subsequence A1 Linkages						

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
M	16S			End of Block	GENL	12
End of Mandatory Sequence A General Information						
Mandatory Sequence B Trade Details						
M	16R			Start of Block	TRADDET	13
---->						
O	94a	4!c	Place	(see qualifier description)	B, H, L	14
----|						
---->						
M	98a	4!c	Date/Time	(see qualifier description)	A, B, C, E	15
----|						
O	90a	DEAL	Price	Deal Price	A, B	16
O	99A	DAAC	Number Count	Number of Days Accrued	:4!c//[N]3!n	17
M	35B			Identification of the Financial Instrument	[ISIN1!e12!c] [4*35x]	18
Optional Subsequence B1 Financial Instrument Attributes						
M	16R			Start of Block	FIA	19
O	94B	PLIS	Place	Place of Listing	:4!c/[8c]/4!c[/30x]	20
---->						
O	22F	4!c	Indicator	(see qualifier description)	:4!c/[8c]/4!c	21
----|						
---->						
O	12a	4!c	Type of Financial Instrument	(see qualifier description)	A, B, C	22
----|						
O	11A	DENO	Currency	Currency of Denomination	:4!c//3!a	23
---->						
O	98A	4!c	Date/Time	(see qualifier description)	:4!c//8!n	24
----|						
---->						
O	92A	4!c	Rate	(see qualifier description)	:4!c//[N]15d	25
----|						
---->						
O	13a	4!c	Number Identification	(see qualifier description)	A, B	26
----|						
---->						

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	*No.*
O	17B	4!c	Flag	(see qualifier description)	:4!c//1!a	27
----|						
---->						
O	90a	4!c	Price	(see qualifier description)	A, B	28
----|						
---->						
O	36a	4!c	Quantity of Financial Instrument	(see qualifier description)	B, D	29
----|						
---->						
O	35B			Identification of the Financial Instrument	[ISIN1!e12!c] [4*35x]	30
----|						
O	70E	FIAN	Narrative	Financial Instrument Attribute Narrative	:4!c//10*35x	31
M	16S			End of Block	FIA	32

End of Optional Subsequence B1 Financial Instrument Attributes

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	*No.*
---->						
O	22F	4!c	Indicator	(see qualifier description)	:4!c/[8c]/4!c	33
----|						
O	11A	FXIS	Currency	Currency to Sell	:4!c//3!a	34
---->						
O	25D	4!c	Status Code	(see qualifier description)	:4!c/[8c]/4!c	35
----|						
---->						
O	70E	4!c	Narrative	(see qualifier description)	:4!c//10*35x	36
----|						
M	16S			End of Block	TRADDET	37

End of Mandatory Sequence B Trade Details

Mandatory Sequence C Financial Instrument/Account

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	*No.*
M	16R			Start of Block	FIAC	38
---->						
M	36a	SETT	Quantity of Financial Instrument	Quantity of Financial Instrument to be Settled	B, D	39
----|						
O	70D	DENC	Narrative	Denomination Choice	:4!c//6*35x	40
---->						

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
O	13B	CERT	Number Identification	Certificate Number	:4!c/[8c]/30x	41
----|						
---->						
O	95a	4!c	Party	(see qualifier description)	L, P, R	42
----|						
---->						
M	97a	4!c	Account	(see qualifier description)	A, B, D, E	43
----|						
---->						
O	94a	SAFE	Place	Place of Safekeeping	B, C, F, L	44
----|						
----> Optional Repetitive Subsequence C1 Quantity Breakdown						
M	16R			Start of Block	BREAK	45
O	13B	LOTS	Number Identification	Lot Number	:4!c/[8c]/30x	46
O	36a	LOTS	Quantity of Financial Instrument	Quantity of Financial Instrument In The Lot	B, D	47
O	98a	LOTS	Date/Time	Lot Date/Time	A, C, E	48
O	90a	LOTS	Price	Book/Lot Price	A, B	49
O	22F	PRIC	Indicator	Type of Price Indicator	:4!c/[8c]/4!c	50
M	16S			End of Block	BREAK	51
----| End of Optional Repetitive Subsequence C1 Quantity Breakdown						
M	16S			End of Block	FIAC	52
End of Mandatory Sequence C Financial Instrument/Account						
Optional Sequence D Two Leg Transaction Details						
M	16R			Start of Block	REPO	53
---->						
O	98a	4!c	Date/Time	(see qualifier description)	A, B, C	54
----|						
---->						
O	22F	4!c	Indicator	(see qualifier description)	:4!c/[8c]/4!c	55
----|						
---->						
O	20C	4!c	Reference	(see qualifier description)	:4!c//16x	56
----|						

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
---->						
O	92a	4!c	Rate	(see qualifier description)	A, C	57
----|						
---->						
O	99B	4!c	Number Count	(see qualifier description)	:4!c//3!n	58
----|						
---->						
O	19A	4!c	Amount	(see qualifier description)	:4!c//[N]3!a15d	59
----|						
O	70C	SECO	Narrative	Second Leg Narrative	:4!c//4*35x	60
M	16S			End of Block	REPO	61

End of Optional Sequence D Two Leg Transaction Details

Mandatory Sequence E Settlement Details

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
M	16R			Start of Block	SETDET	62
---->						
M	22F	4!c	Indicator	(see qualifier description)	:4!c/[8c]/4!c	63
----|						

----> Mandatory Repetitive Subsequence E1 Settlement Parties

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
M	16R			Start of Block	SETPRTY	64
---->						
M	95a	4!c	Party	(see qualifier description)	C, L, P, Q, R, S	65
----|						
O	97a	4!c	Account	(see qualifier description)	A, B, D	66
O	98a	PROC	Date/Time	Processing Date/Time	A, C	67
O	20C	PROC	Reference	Processing Reference	:4!c//16x	68
---->						
O	70a	4!c	Narrative	(see qualifier description)	C, D, E	69
----|						
M	16S			End of Block	SETPRTY	70

----| End of Mandatory Repetitive Subsequence E1 Settlement Parties

----> Optional Repetitive Subsequence E2 Cash Parties

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
M	16R			Start of Block	CSHPRTY	71
---->						
M	95a	4!c	Party	(see qualifier description)	L, P, Q, R, S	72
----|						

Status	Tag	Qualifier	Generic Field Name	Detailed Field Name	Content/Options	No.
---->						
O	97a	4!c	Account	(see qualifier description)	A, E	73
----|						
---->						
O	70a	4!c	Narrative	(see qualifier description)	C, E	74
----|						
M	16S			End of Block	CSHPRTY	75
----| End of Optional Repetitive Subsequence E2 Cash Parties						
----> Mandatory Repetitive Subsequence E3 Amounts						
M	16R			Start of Block	AMT	76
---->						
O	17B	4!c	Flag	(see qualifier description)	:4!c//1!a	77
----|						
---->						
M	19A	4!c	Amount	(see qualifier description)	:4!c//[N]3!a15d	78
----|						
O	98a	VALU	Date/Time	Value Date/Time	A, C	79
O	92B	EXCH	Rate	Exchange Rate	:4!c//3!a/3!a/15d	80
M	16S			End of Block	AMT	81
----| End of Mandatory Repetitive Subsequence E3 Amounts						
M	16S			End of Block	SETDET	82
End of Mandatory Sequence E Settlement Details						
----> Optional Repetitive Sequence F Other Parties						
M	16R			Start of Block	OTHRPRTY	83
---->						
M	95a	4!c	Party	(see qualifier description)	C, L, P, Q, R, S	84
----|						
O	97a	4!c	Account	(see qualifier description)	A, D	85
---->						
O	70a	4!c	Narrative	(see qualifier description)	C, D, E	86
----|						
O	20C	PROC	Reference	Processing Reference	:4!c//16x	87
M	16S			End of Block	OTHRPRTY	88
----| End of Optional Repetitive Sequence F Other Parties						
M = Mandatory, O = Optional						

MT 541 Network Validated Rules

C1 The following amount fields cannot appear in more than one occurrence of the subsequence E3 Amounts `(Error code(s): E87)`:

Subsequence E3

:19A::ACRU

:19A::ANTO

:19A::CHAR

:19A::COUN

:19A::DEAL

:19A::EXEC

:19A::ISDI

:19A::LADT

:19A::LEVY

:19A::LOCL

:19A::LOCO

:19A::MARG

:19A::OTHR

:19A::REGF

:19A::SETT

:19A::SHIP

:19A::SPCN

:19A::STAM

:19A::STEX

:19A::TRAN

:19A::TRAX

:19A::VATA

:19A::WITH

:19A::COAX

:19A::ACCA

:19A::RSCH

C2 It is mandatory to specify a settlement amount: one occurrence of the amounts subsequence E3 must contain amount field :19A::SETT `(Error code(s): E92)`.

C3 In sequence A, if the total of linked settlement instructions (field   :99a::TOSE) is present, then the current settlement instruction number (field :99a::SETT) must be present `(Error code(s): E90)`.

Sequence A if field :99a::TOSE is ...	Sequence A then field :99a::SETT is ...
Present	Mandatory
Not present	Optional

C4 In (sub)sequence E3, if an exchange rate (field :92B::EXCH) is present, the corresponding resulting amount (field :19A::RESU) must be present in the same subsequence. If the exchange rate is not present then the resulting amount is not allowed (Error code(s): E62).

Subsequence E3 if field :92B::EXCH is ...	Subsequence E3 then field :19A::RESU is ...
Present	Mandatory
Not present	Not allowed

C5 The following party fields cannot appear more than once in a message (Error code(s): E84):

Subsequence E1	Subsequence E2	Sequence F
:95a::BUYR	:95a::ACCW	:95a::EXCH
:95a::DEAG	:95a::BENM	:95a::MEOR
:95a::DECU	:95a::PAYE	:95a::MERE
:95a::DEI1	:95a::DEBT	:95a::TRRE
:95a::DEI2	:95a::INTM	
:95a::PSET		:95a::VEND
:95a::REAG		:95a::TRAG
:95a::RECU		:95a::BRKR
:95a::REI1		
:95a::REI2		
:95a::SELL		

C6 If field :22F::DBNM is NOT present in sequence E, then it is mandatory to specify a delivering agent and a place of settlement: one occurrence of subsequence E1 Settlement Parties must contain party field :95a::DEAG and another one must contain party field :95a::PSET (Error code(s): E91).

C7 If a qualifier from the list Deliverers is present in a subsequence E1, in a field :95a::4!c, then all the remaining qualifiers following this qualifier in the list Deliverers (see below) must be present (Error code(s): E86).

In other words, in sequence E, the following scenarios must be validated:

– If :95a::DEI2 is present in subsequence E1, then :95a::DEI1 must be present in another subsequence E1.

– If :95a::DEI1 is present in subsequence E1, then :95a::DECU must be present in another subsequence E1.

– If :95a::DECU is present in subsequence E1, then :95a::SELL must be present in another subsequence E1.

If a qualifier from the list Receivers is present in a subsequence E1, in a field :95a::4!c, then all the remaining qualifiers following this qualifier in the list Receivers (see below) must be present.

In other words, in sequence E, the following scenarios must be validated:

– If :95a::REI2 is present in subsequence E1, then :95a::REI1 must be present in another subsequence E1.

– If :95a::REI1 is present in subsequence E1, then :95a::RECU must be present in another subsequence E1.

– If :95a::RECU is present in subsequence E1, then :95a::BUYR must be present in another subsequence E1.

Deliverers		Receivers	
DEI2	Deliverer's Intermediary 2	REI2	Receiver's Intermediary 2
DEI1	Deliverer's Intermediary 1	REI1	Receiver's Intermediary 1
DECU	Deliverer's Custodian	RECU	Receiver's Custodian
SELL	Seller (Deliverer)	BUYR	Buyer (Receiver)

C8   If the message is a cancellation, that is, Function of the Message (field 23G) is CANC, then subsequence A1 (Linkages) must be present at least once in the message, and in one and only one occurrence of A1, field :20C::PREV must be present; consequently, in all other occurrences of A1, field :20C::PREV is not allowed (Error code(s): E08).

Sequence A if field :23G: is ...	Then subsequence A1 is ...	And field :20C::PREV is ...
CANC	Mandatory (minimum one occurrence of A1 must be present)	Mandatory in one occurrence of subsequence A1, and not allowed in all other occurrences of subsequence A1
NEWM or PREA	Optional	Not applicable

C9   In subsequence E1, if field :95a::PSET is present, then field :97a:: is not allowed in the same subsequence. (Error code(s): E52).

Subsequence E1 if field :95a::PSET is ...	Subsequence E1 then field :97a:: is ...
Present	Not allowed within the same occurrence
Not present	Optional

C10   If field :22F::FXCX//FXNO or FXYE is present in sequence E, then the message must be a cancellation, that is, Function of the Message in sequence A (field 23G) is CANC.

If field :22F::FXCX//SINO is present in sequence E, then the message must be new, that is, Function of the Message in sequence A (field 23G) is NEWM. (Error code(s): E14).

Sequence E if field :22F::FXCX is ...	In sequence A then field :23G:4!c is ...
FXNO	CANC
FXYE	CANC
SINO	NEWM
Not present	Not applicable

(*) If the Data Source Scheme is present in field :22F::FXCX// then the conditional rule does not apply.

C11 If field :22F::DBNM is present in sequence E, then a seller must be specified, that is one occurrence of subsequence E1 must contain field :95a::SELL (Error code(s): E70).

Sequence E if field :22F::DBNM is ...	Then in one occurrence of subsequence E1 ...
Present	Field :95a::SELL is Mandatory
Not present	Not applicable

C12 If field :22F::DBNM//VEND is present in sequence E, then a vendor must be specified; that is one occurrence of sequence F must contain field :95a::VEND (Error code(s): D71).

In sequence E if field :22F::DB- NM//VEND is ... (*)	Then sequence F is ...	And in one occur- rence of sequence F field :95a::VEND is ...
Present	Mandatory, that is sequence F must be present once	Mandatory
Not present	Optional	Optional

(*) If the Data Source Scheme is present in field :22F::DBNM//VEND then the conditional rule does not apply.

C13 If field :36B: is present in minimum one occurrence of sequence A1, then the type of settlement transaction must be a pair-off or a turn-around; that is, sequence E field :22F::SETR// PAIR or :22F::SETR//TURN must be present (Error code(s): C50).

In sequence A1 if field :36B: is ...	Then in sequence E, field :22F::SETR must be ...
Present	:22F::SETR//PAIR and DSS must not be present or :22F::SETR//TURN and DSS must not be present
Not present	Not applicable

C14 In sequence C, field :36B::SETT cannot appear more than twice (maximum two occurrences). When repeated, one occurrence must have Quantity Type Code FAMT and the other occurrence must have Quantity Type Code AMOR (Error code(s): C71).

Sequence C if field :36B::SETT is ...	Then one occurrence of :36B::SETT must be ...	And the other occurrence of :36B::SETT must be ...
Repeated	:36B::SETT//FAMT	:36B::SETT//AMOR

Sequence C if field :36B::SETT is ...	Then one occurrence of :36B::SETT must be ...	And the other occurrence of :36B::SETT must be ...
Not repeated	Not applicable	Not applicable

C15 A value date must only be provided for cash/securities split settlement. That is, in any occurrence of subsequence E3, if value date field :98a::VALU is present, then in sequence E field :22F::STCO//SPST must be present, and settlement amount field :19A::SETT must be present in the same subsequence E3 `(Error code(s): C28)`.

In any occurrence of subsequence E3 if field :98a::VALU is ...	Sequence E then field :22F::STCO//SPST with DSS not present is ...	In the same occurrence of subsequence E3 and field :19A::SETT is ...
Present	Mandatory	Mandatory
Not present	Optional	Optional

C16 In sequence F, if field :95a::EXCH Stock Exchange or :95a::TRRE Trade Regulator is present, then field :97a:: is not allowed in the same sequence `(Error code(s): E63)`.

Sequence F if field :95a::EXCH or TRRE is ...	Sequence F then field :97a:: is ...
Present	Not allowed within the same occurrence
Not present	Optional

C17 In sequence C, if field :95L::ALTE is present, then field :95a::ACOW must be present `(Error code(s): E98)`.

C18 In sequence B, field :94a::CLEA must not be present more than twice. When repeated, one and only one occurrence must be with format option L (:94L::CLEA) `(Error code(s): E99)`.

In sequence B, field :94a::TRAD must not be present more than twice. When repeated, one and only one occurrence must be with format option L (:94L::TRAD) `(Error code(s): E99)`.

In sequence C, field :94a::SAFE must not be present more than twice. When repeated, one and only one occurrence must be with format option L (:94L::SAFE) `(Error code(s): E99)`.

In each occurrence of subsequence E1, field :95a::ALTE must not be present more than twice. When repeated, one and only one occurrence must be with format option L (:95L::ALTE) `(Error code(s): E99)`.

In each occurrence of subsequence E2, field :95a::ALTE must not be present more than twice. When repeated, one and only one occurrence must be with format option L (:95L::ALTE) `(Error code(s): E99)`.

In each occurrence of sequence F, field :95a::ALTE must not be present more than twice. When repeated, one and only one occurrence must be with format option L (:95L::ALTE) `(Error code(s): E99)`.

C19 In each occurrence of sequence F, if field :95a::ALTE is present with format option L, then field :95a::MEOR and field :95a::MERE must not be present in the same occurrence of the sequence `(Error code(s): E88)`.

MT 541 Usage Rules

- The message may also be used to:

  - re-send a message (be it an instruction, request for cancellation, or pre-advise) sent by the account owner to the account servicer (the subfunction of the message is DUPL)

  - provide a third party with a copy of a message (be it an the instruction, request for cancellation, or pre-advise) being sent by the account owner for information (the subfunction of the message is COPY)

  - re-send a third party a copy of a message (be it an instruction, request for cancellation, or pre-advise) being sent by the account owner for information (the subfunction of the message is CODU)

- When the message is used as a request to cancel, the Linkage Sequence must contain the reference of the original instruction.

- Field 11A Currency in Trade Details in sequence B, provides an instruction to the account servicer to execute a foreign exchange deal on behalf of the account owner. The purpose of the forex deal is to fund the purchase of securities. This field is not to be used when standing instructions have been established. The use of this field implies the following:

  - the currency required for funding a purchase of securities, for example, the currency to be purchased, is the currency of the settlement amount. The currency to be sold to obtain settlement currency is indicated by the qualifier FXIS, 'currency to be sold'. Normally, this is the base currency of the portfolio

  - the amount of currency to be bought is equal to the settlement amount of the transaction. This implies the forex will not be used for other transactions and that a bulk forex deal must be instructed by other means

  - a forex deal to fund the purchase of securities should be executed in time for the currency to be available on the settlement date of the securities transaction

  - a bilateral agreement regarding the use of this field has been established

MT 541 Field Specifications

1. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in mandatory sequence A

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (`Error code(s): T92`):

GENL   General Information

2. Field 20C: Reference: Sender's Message Reference

FORMAT

Option C   :4!c//16x   (Qualifier)(Reference)

PRESENCE

Mandatory in mandatory sequence A

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	SEME	N		C	Sender's Message Reference

DEFINITION

This qualified generic field specifies:

SEME   Sender's Message   Reference assigned by the Sender to unambiguously identify the
             Reference   message.

NETWORK VALIDATED RULES

Reference must not start or end with a slash '/' and must not contain two consecutive slashes '//' (Error code(s): T26).

3. Field 23G: Function of the Message

FORMAT

Option G   4!c[/4!c]   (Function)(Subfunction)

PRESENCE

Mandatory in mandatory sequence A

DEFINITION

This field identifies the function of the message.

CODES

Function must contain one of the following codes (Error code(s): T86):

CANC   Cancellation Request   Message requesting the cancellation of a previously sent message.

NEWM   New   New message.

PREA   Preadvice   Message preadvising a settlement instruction. It can be used for
                                     matching purposes, but is, without further notice from the account
                                     owner, not binding for execution.

CODES

Subfunction, when present, must contain one of the following codes (Error code(s): T85):

CODU	Copy Duplicate	Message is a copy to a party other than the account owner/account servicer, for information purposes and the message is a duplicate of a message previously sent.
COPY	Copy	Message is a copy to a party other than the account owner/account servicer, for information purposes.
DUPL	Duplicate	Message is for information/confirmation purposes. It is a duplicate of a message previously sent.
RECO	Reconciliation Only	Settlement instruction is already on the market. Sent by an account owner to an account servicer or vice versa for reconciliation purposes.

USAGE RULES

To cancel a previously sent message, Function is CANC. The reference in the linkages sequence must contain the Sender's reference of the message to be cancelled. A copy of at least the mandatory fields of the message to be cancelled must be present; optional fields need not be present for SWIFT validation.

MARKET PRACTICE RULES

Function of the message usage clarifications have been published by the Securities Market Practice Group (SMPG).

For more details, see the relevant market practice document on **www.smpg.info**.

4. Field 98a: Date/Time: Preparation Date/Time

FORMAT

Option A	:4!c//8!n	(Qualifier)(Date)
Option C	:4!c//8!n6!n	(Qualifier)(Date)(Time)
Option E	:4!c//8!n6!n[,3n][/[N]2!n[2!n]]	(Qualifier)(Date)(Time)(Decimals)(UTC Indicator)

PRESENCE

Optional in mandatory sequence A

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PREP	N		A, C, E	Preparation Date/Time

DEFINITION

This qualified generic field specifies:

PREP	Preparation Date/Time	Date/time at which the message was prepared.

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD (Error code(s): T50).

Time must be a valid time expressed as HHMMSS `(Error code(s): T38)`.

UTC Indicator must be a valid time expressed as HH[MM] `(Error code(s): T39)`.

Sign ([N]) must not be used when UTC Indicator is equal to all zeroes `(Error code(s): T14)`.

5. Field 99a: Number Count

FORMAT

Option B	:4!c//3!n	(Qualifier)(Number)
Option C	:4!c//6!n	(Qualifier)(Number)

PRESENCE

Optional in mandatory sequence A

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	SETT	N	C3	B, C	Current Settlement Instruction Number
2	O	TOSE	N	C3	B, C	Total of Linked Settlement Instructions

DEFINITION

This qualified generic field specifies:

SETT	Current Settlement Instruction Number	Sequential number of the instruction in a range of linked settlement instructions.
TOSE	Total of Linked Settlement Instructions	Total number of settlement instructions that are linked together.

USAGE RULES

The current settlement instruction number must be specified when the Sender wants to indicate that this settlement instruction is linked to one or more settlement instruction.

If the settlement instruction number is less or equal to 999, then option B must be used.

MARKET PRACTICE RULES

- **Block trades:**

  In a block trade instruction, the total number of children must be provided using number count field 99B::TOSE (plus the mandatory field :99B::SETT identifying the instruction number).

  The instruction number of the parent must be 000. The children must have an incremental instruction number from 001 to 999.

For more details, see the relevant market practice document on **www.smpg.info**.

6. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in optional subsequence A1

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

LINK   Linkages

7. Field 22F: Indicator: Linkage Type Indicator

FORMAT

Option F   :4!c/[8c]/4!c   (Qualifier)(Data Source Scheme)(Indicator)

PRESENCE

Optional in optional subsequence A1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	LINK	N		F	Linkage Type Indicator

DEFINITION

This qualified generic field specifies:

LINK   Linkage Type Indicator   Specifies when the instruction is to be executed relative to a linked in-
struction.

CODES

If Data Source Scheme is not present, Indicator must contain one of the following codes (Error
code(s): K22):

AFTE   After   Indicates that the message is to be processed after the linked mes-
sage.

BEFO   Before   Indicates that the message is to be processed before the linked mes-
sage.

INFO   Information   Indicates that the messages are linked for information purposes only.

| WITH | With | Indicates that the message is to be processed with the linked message. |

USAGE RULES

If code WITH is used, it links together one or more instructions which become bound and which must be executed together. Even if one single instruction can not be executed, then all the other instructions must also be kept pending. Therefore the use of code WITH must be limited to combine up to 2 or 3 instructions.

8. Field 13a: Number Identification: Linked Message

FORMAT

| Option A | :4!c//3!c | (Qualifier)(Number Id) |
| Option B | :4!c/[8c]/30x | (Qualifier)(Data Source Scheme)(Number) |

PRESENCE

Optional in optional subsequence A1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	LINK	N		A, B	Linked Message

DEFINITION

This qualified generic field specifies:

| LINK | Linked Message | Message type number/message identifier of the message referenced in the linkage sequence. |

NETWORK VALIDATED RULES

Number (Format Option B) must not start or end with a slash '/' and must not contain two consecutive slashes '//' (Error code(s): T26).

USAGE RULES

Format A Number Id must contain the FIN message type number of the linked message.

Format B Number must contain the XML message identifier of the linked message.

9. Field 20a: Reference

FORMAT

| Option C | :4!c//16x | (Qualifier)(Reference) |
| Option U | :4!c//52x | (Qualifier)(UTI Reference) |

PRESENCE

Mandatory in optional subsequence A1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	POOL	N		C	Pool Reference
	or	PREA	N		C	Preadvice Message Reference
	or	PREV	N	C8	C	Previous Message Reference
	or	RELA	N		C	Related Message Reference
	or	TRRF	N		C, U	Deal Reference
	or	COMM	N		C	Common Reference
	or	COLR	N		C	Collateral Reference
	or	CORP	N		C	Corporate Action Reference
	or	CLCI	N		C	Client's Collateral Instruction Reference
	or	CLTR	N		C	Client's Triparty Collateral Transaction Reference
	or	PCTI	N		C	Processor Transaction Identification
	or	TRCI	N		C	Triparty-Agent's/Service-Provider's Collateral Instruction Reference
	or	TCTR	N		C	Triparty-Agent's/Service-Provider's Collateral Transaction Reference

DEFINITION

This qualified generic field specifies:

CLCI	Client's Collateral Instruction Reference	Reference assigned to the instruction by the client.
CLTR	Client's Triparty Collateral Transaction Reference	Unique reference identifying the triparty collateral management transaction from the client's point of view.
COLR	Collateral Reference	Reference assigned to a collateral transaction linked to the settlement transaction.
COMM	Common Reference	Unique reference agreed upon by the two trade counterparties to identify the trade.
CORP	Corporate Action Reference	Reference assigned by the account servicer to unambiguously identify a related corporate action event.
PCTI	Processor Transaction Identification	Identification of the transaction assigned by the processor of the instruction other than the account owner the account servicer and the market infrastructure.
POOL	Pool Reference	Collective reference identifying a set of messages.
PREA	Preadvice Message Reference	Message reference of the preadvice (:23G:PREA) previously sent.
PREV	Previous Message Reference	Message reference of the linked message which was previously sent.

RELA	Related Message Reference	Message reference of the linked message which was previously received.
TCTR	Triparty-Agent's/Service-Provider's Collateral Transaction Reference	Unique reference identifying the triparty-agent/service-provider collateral management transaction from the triparty-agent's/service-provider's point of view.
TRCI	Triparty-Agent's/Service-Provider's Collateral Instruction Reference	Reference assigned to the instruction by the triparty-agent/service-provider.
TRRF	Deal Reference	Reference assigned to the trade by the Investment Manager OR the Broker/Dealer. This reference will be used throughout the trade life cycle to access/update the trade details.

NETWORK VALIDATED RULES

Reference must not start or end with a slash '/' and must not contain two consecutive slashes '//' (`Error code(s): T26`).

MARKET PRACTICE RULES

- **Linkages:**

  A global market practice for the use of the linkage sequence and references exists for various business scenarios such as cancellations, settlement confirmation but also more complex processes like pair-off, back-to-back, ETC.

- **Block trade:**

  The use of pool reference is mandatory for block trades to link parent and children instructions.

- **Sell/buy - buy/sell back settlement:**

  The closing leg must be linked to the opening leg using the message reference of the opening leg in the linkage subsequence A1 field 20C::PREV.

- **Securities lending and borrowing settlement:**

  The borrowing/lending closing leg must be linked to the borrowing/opening leg.

For more details, see the relevant market practice document on **www.smpg.info**.

10. Field 36a: Quantity of Financial Instrument

FORMAT

Option B	:4!c//4!c/15d	(Qualifier)(Quantity Type Code)(Quantity)
Option D	:4!c//4!c/30d	(Qualifier)(Quantity Type Code)(Quantity of Digital Tokens)

PRESENCE

Conditional (see rule C13) in optional subsequence A1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PAIR	N	C13	B, D	Quantity of Financial Instrument to be Paired-off
	or	TURN	N	C13	B, D	Quantity of Financial Instrument to be Turned

DEFINITION

This qualified generic field specifies:

PAIR	Quantity of Financial Instrument to be Paired-off	Quantity of financial instruments of the linked instruction to be paired-off.
TURN	Quantity of Financial Instrument to be Turned	Quantity of financial instruments of the linked instruction to be turned in a turnaround.

CODES

In option B, Quantity Type Code must contain one of the following codes `(Error code(s): K36)`:

AMOR	Amortised Value	Quantity expressed as an amount representing the current amortised face amount of a bond, for example, a periodic reduction/increase of a bond's principal amount.
FAMT	Face Amount	Quantity expressed as an amount representing the face amount, that is, the principal, of a debt instrument.
UNIT	Unit Number	Quantity expressed as a number, for example, a number of shares.

CODES

In option D, Quantity Type Code must contain one of the following codes `(Error code(s): K36)`:

DITU	Digital Token Unit Number	Quantity of digital token expressed as a number, for example, a number of blockchain tokens.

NETWORK VALIDATED RULES

The integer part of Quantity must contain at least one digit. A decimal comma is mandatory and is included in the maximum length `(Error code(s): T40, T43)`.

USAGE RULES

The use of this field for partial pair-off must be pre-agreed between the message Sender and Receiver.

Format option D may only be used for digital assets.

11. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in optional subsequence A1

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

LINK   Linkages

12. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in mandatory sequence A

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

GENL   General Information

13. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in mandatory sequence B

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

TRADDET   Trade Details

14. Field 94a: Place

FORMAT

Option B	:4!c/[8c]/4!c[/30x]	(Qualifier)(Data Source Scheme)(Place Code)(Narrative)
Option H	:4!c//4!a2!a2!c[3!c]	(Qualifier)(Identifier Code)

Option L   :4!c//18!c2!n   (Qualifier)(Legal Entity Identifier)

PRESENCE

Optional in mandatory sequence B

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	CLEA	R	C18	H, L	Place of Clearing
2	O	TRAD	R	C18	B, L	Place of Trade

DEFINITION

This qualified generic field specifies:

CLEA	Place of Clearing	Place at which the trade is cleared (Central Counterparty).
TRAD	Place of Trade	Place at which the order was traded, directly by the instructing party or not.

CODES

In option B, , if Data Source Scheme is not present, Place Code must contain one of the following codes `(Error code(s): K94):`

EXCH	Stock Exchange	Place of trade is a stock exchange.
OTCO	Over The Counter	Place of trade is over the counter.
PRIM	Primary Market	Place of trade is the primary market.
SECM	Secondary Market	Place of trade is the secondary market.
VARI	Various	Trade was executed on various places.

NETWORK VALIDATED RULES

Identifier Code must be a registered BIC `(Error code(s): T27, T28, T29, T45)`.

Narrative must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

USAGE RULES

When Place Code is OTCO, Narrative, if present, must specify the system. When Place Code is EXCH, Narrative, if present, must specify the Market Identifier Code (MIC).

A cross-exchange netted transaction is to be identified by the combination of Various (Place field :94B::TRAD//VARI) and Netting (Indicator field :22F::SETR//NETT).

EXAMPLES

`:94B::TRAD//EXCH/XNYS` for the New York Stock Exchange.

15. Field 98a: Date/Time

FORMAT

Option A	:4!c//8!n	(Qualifier)(Date)
Option B	:4!c/[8c]/4!c	(Qualifier)(Data Source Scheme)(Date Code)
Option C	:4!c//8!n6!n	(Qualifier)(Date)(Time)
Option E	:4!c//8!n6!n[,3n][/[N]2!n[2!n]]	(Qualifier)(Date)(Time)(Decimals)(UTC Indicator)

PRESENCE

Mandatory in mandatory sequence B

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	SETT	N		A, B, C	Settlement Date/Time
2	O	TRAD	N		A, B, C, E	Trade Date/Time
3	O	ADEL	N		A, C	Late Delivery Date/Time

DEFINITION

This qualified generic field specifies:

ADEL	Late Delivery Date/Time	Date/time after the settlement date specified in the trade, used for pool trades resulting from the original To Be Assigned (TBA) securities.
SETT	Settlement Date/Time	Date/time at which the financial instruments are to be delivered or received.
TRAD	Trade Date/Time	Date/time at which the trade was executed.

CODES

In option B, if Qualifier is SETT and Data Source Scheme is not present, Date Code must contain one of the following codes (Error code(s): K98):

WISS	When Issued	Settlement is to be done when the security is issued.

CODES

In option B, if Qualifier is TRAD and Data Source Scheme is not present, Date Code must contain one of the following codes (Error code(s): K98):

VARI	Various	Partial trades have occurred over a period of two or more days.

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD (Error code(s): T50).

Time must be a valid time expressed as HHMMSS (Error code(s): T38).

UTC Indicator must be a valid time expressed as HH[MM] `(Error code(s): T39)`.

Sign ([N]) must not be used when UTC Indicator is equal to all zeroes `(Error code(s): T14)`.

USAGE RULES

ADEL, Late delivery date is used for pool trades that result from the original TBA's (the original TBA's would be offset by an opposite transaction and replaced by buys or sells of individual pools). It is a date greater than the settlement date stated in the trade, for pools designed as settling late.

Trade Date/Time, when used with format 98C or 98E, must be the local time of the place of trade, for example, of the stock exchange, or of the selling broker for OTC.

MARKET PRACTICE RULES

In addition to the settlement date (ISO 15022 mandatory), trade date is one of the 10 common elements recommended by SMPG for equities and fixed income settlement instructions.

For more details, see the relevant market practice document on **www.smpg.info**.

EXAMPLES

Examples of format option E usage:

- Trade date/time is the 23rd of October 2006, at 12:35 and 48 seconds, 2 tenths of a second

  `:98E::TRAD//20061023123548,2`

- Trade date/time is the 23rd of October 2006, at 12:35 and 48 seconds, 25 hundreds of a second, UTC time +2

  `:98E::TRAD//20061023123548,25/02`

- Trade date/time is the 23rd of October 2006, at 12:35 and 48 seconds, UTC time - 4

  `:98E::TRAD//20061023123548/N04`

- Trade date/time is the 23rd of October 2006, at 12:35 and 48 seconds, UTC time - 2h30

  `98E::TRAD//20061023123548/N0230`

16. Field 90a: Price: Deal Price

FORMAT

Option A	:4!c//4!c/[N]15d	(Qualifier)(Percentage Type Code)(Sign)(Price)
Option B	:4!c//4!c/3!a15d	(Qualifier)(Amount Type Code)(Currency Code)(Price)

PRESENCE

Optional in mandatory sequence B

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DEAL	N		A, B	Deal Price

DEFINITION

This qualified generic field specifies:

DEAL   Deal Price   Price of the traded financial instrument.

CODES

In option A, Percentage Type Code must contain one of the following codes `(Error code(s): K90):`

DISC   Discount   Price expressed as the number of percentage points below par, for example, a discount price of 2.0% equals a price of 98 when par is 100.

PRCT   Percentage   Price expressed as a percentage of par.

PREM   Premium   Price expressed as the number of percentage points above par, for example, a premium price of 2.0% equals a price of 102 when par is 100.

YIEL   Yield   Price expressed as a yield.

CODES

In option B, Amount Type Code must contain one of the following codes `(Error code(s): K90):`

ACTU   Actual Amount   Price expressed as an amount of currency per unit or per share.

DISC   Discount   Price expressed as a discount amount.

NEGA   Negative Actual Amount   Price must be interpreted as a negative amount of currency per unit or per share.

PREM   Premium   Price expressed as a premium.

NETWORK VALIDATED RULES

Currency Code must be a valid ISO 4217 currency code `(Error code(s): T52).`

The integer part of Price must contain at least one digit. A decimal comma is mandatory and is included in the maximum length. `(Error code(s): T40, T43).`

Sign may only be present if Percentage Type Code is YIEL `(Error code(s): T69).`

If Price is zero, Sign must not be present `(Error code(s): T14).`

USAGE RULES

The number of decimal digits in Price is not validated against the currency specified.

Sign must be present when Price is negative.

17. Field 99A: Number Count: Number of Days Accrued

FORMAT

Option A   :4!c//[N]3!n   (Qualifier)(Sign)(Number)

PRESENCE

Optional in mandatory sequence B

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DAAC	N		A	Number of Days Accrued

DEFINITION

This qualified generic field specifies:

DAAC	Number of Days Accrued	Number of days used for calculating the accrued interest amount.

NETWORK VALIDATED RULES

If Number is zero, Sign must not be present `(Error code(s): T14)`.

USAGE RULES

Sign must be present when Number is negative.

18. Field 35B: Identification of the Financial Instrument

FORMAT

Option B	[ISIN1!e12!c]	(Identification of Security)
	[4*35x]	(Description of Security)

PRESENCE

Mandatory in mandatory sequence B

DEFINITION

This field identifies the financial instrument.

NETWORK VALIDATED RULES

At least Identification of a Security (Subfield 1) or Description of Security (Subfield 2) must be present; both may be present `(Error code(s): T17)`.

ISIN is used at the beginning of Identification of Security (Subfield 1) and must be composed of upper-case letters only `(Error code(s): T12)`.

USAGE RULES

When used in Description of Security (Subfield 2), codes must start and end with a slash '/'.

When an ISIN identifier is not used, one of the following codes must be used as the first characters of the Description of Security (Subfield 2):

[/2!a/]	The ISO two-digit country code, followed by the national scheme number.
[/TS/]	Followed by the ticker symbol.

[/XX/]	Bilaterally agreed or proprietary scheme which may be further identified by a code or short description identifying the scheme used.
[/4!c/]	Code identifying the type of security identifier used. This code must be one published by ISO 20022 (ExternalFinancialInstrumentIdentificationTypeCode).

MARKET PRACTICE RULES

When available, ISIN must be used.

19. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in optional subsequence B1

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

FIA   Financial Instrument Attributes

20. Field 94B: Place: Place of Listing

FORMAT

Option B   :4!c/[8c]/4!c[/30x]   (Qualifier)(Data Source Scheme)(Place Code)(Narrative)

PRESENCE

Optional in optional subsequence B1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PLIS	N		B	Place of Listing

DEFINITION

This qualified generic field specifies:

PLIS   Place of Listing   Place where the referenced financial instrument is listed.

CODES

If Data Source Scheme is not present, Place Code must contain one of the following codes (Error code(s): K94):

| EXCH | Stock Exchange | Place of listing is a stock exchange. |
| OTCO | Over The Counter | Place of listing is over the counter. |

NETWORK VALIDATED RULES

Narrative must not start or end with a slash '/' and must not contain two consecutive slashes '//' (`Error code(s): T26`).

USAGE RULES

Place of Listing is to be identified by its Market Identifier Code (MIC).

EXAMPLES

```
:94B::PLIS//EXCH/XNYS
```

21. Field 22F: Indicator

FORMAT

| Option F | :4!c/[8c]/4!c | (Qualifier)(Data Source Scheme)(Indicator) |

PRESENCE

Optional in optional subsequence B1

QUALIFIER

(`Error code(s): T89`)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	MICO	N		F	Method of Interest Computation Indicator
2	O	FORM	N		F	Form of Securities Indicator
3	O	PFRE	N		F	Payment Frequency Indicator
4	O	PAYS	N		F	Payment Status Indicator
5	O	CFRE	N		F	Variable Rate Change Frequency Indicator

DEFINITION

This qualified generic field specifies:

CFRE	Variable Rate Change Frequency Indicator	Specifies the frequency of change to the variable rate of an interest bearing instrument.
FORM	Form of Securities Indicator	Specifies the form of the financial instrument.
MICO	Method of Interest Computation Indicator	Specifies the computation method of (accrued) interest of the financial instrument.
PAYS	Payment Status Indicator	Specifies the status of the payment of a financial instrument at a particular time, as agreed with the issuer.
PFRE	Payment Frequency Indicator	Specifies the frequency of a payment.

CODES

If Qualifier is MICO and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

A001	30/360 (ISDA) or 30/360 (American Basic Rule)	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February, and provided that the interest period started on a 30th or a 31st. This means that a 31st is assumed to be a 30th if the period started on a 30th or a 31st and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th). It is the most commonly used 30/360 method for US straight and convertible bonds.
A002	30/365	Method whereby interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th).
A003	30/Actual	Method whereby interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year.
A004	Actual/360	Method whereby interest is calculated based on the actual number of accrued days in the interest period and a 360-day year.
A005	Actual/365 (Fixed)	Method whereby interest is calculated based on the actual number of accrued days in the interest period and a 365-day year.
A006	Actual/Actual (ICMA)	Method whereby interest is calculated based on the actual number of accrued days and the assumed number of days in a year, that is, the actual number of days in the coupon period multiplied by the number of interest payments in the year. If the coupon period is irregular (first or last coupon), it is extended or split into quasi interest periods that have the length of a regular coupon period and the computation is operated separately on each quasi interest period and the intermediate results are summed up.
A007	30E/360 or Eurobond basis	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be equivalent to a 30 Feb. However, if the last day of the maturity coupon period is the last day of February, it will not be assumed to be a 30th. It is a variation of the 30/360 (ICMA) method commonly used for eurobonds. The usage of this variation is only relevant when the coupon periods are scheduled to end on the last day of the month.

A008	Actual/Actual (ISDA)	Method whereby interest is calculated based on the actual number of accrued days of the interest period that fall on a normal year, divided by 365, added to the actual number of days of the interest period that fall on a leap year, divided by 366.
A009	Actual/365L or Actual/Actual (basic rule)	Method whereby interest is calculated based on the actual number of accrued days and a 365-day year (if the coupon payment date is NOT in a leap year) or a 366-day year (if the coupon payment date is in a leap year).
A010	Actual/Actual (AFB)	Method whereby interest is calculated based on the actual number of accrued days and a 366-day year (if 29 Feb falls in the coupon period) or a 365-day year (if 29 Feb does not fall in the coupon period). If a coupon period is longer than one year, it is split by repetitively separating full year sub-periods counting backwards from the end of the coupon period (a year backwards from a 28 Feb being 29 Feb, if it exists). The first of the sub-periods starts on the start date of the accrued interest period and thus is possibly shorter than a year. Then the interest computation is operated separately on each sub-period and the intermediate results are summed up.
A011	30/360 (ICMA) or 30/360 (basic rule)	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 01/01/1999.
A012	30E2/360 or Eurobond basis model 2	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31st is assumed to be a 30th and the 28th Feb of a non-leap year is assumed to be equivalent to a 29th Feb when the first day of the interest period is a 29th, or to a 30th Feb when the first day of the interest period is a 30th or a 31st. The 29th Feb of a leap year is assumed to be equivalent to a 30th Feb when the first day of the interest period is a 30th or a 31st. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30th Feb when the end of the period is a 30th or a 31st, or two days of interest in February when the end of the period is a 29th, or 3 days of interest in February when it is the 28th Feb of a non-leap year and the end of the period is before the 29th.
A013	30E3/360 or Eurobond basis model 3	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be equivalent to a 30 Feb. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30th, even if it is the last day of the maturity coupon period.

A014	Actual/365NL or Actual/365 No Leap	Method whereby interest is calculated based on the actual number of accrued days in the interest period, excluding any leap day from the count, and a 365-day year.
OTHR	Other	Other method than A001-A014. See Narrative.

CODES

If Qualifier is FORM and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

BEAR	Bearer Security	Financial instruments are in bearer form.
REGD	Registered Security	Financial instruments are in registered form.

CODES

If Qualifier is PFRE and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

ANNU	Annual	Payment frequency is annual.
MNTH	Monthly	Payment frequency is monthly.
QUTR	Quarterly	Payment frequency is quarterly.
SEMI	Semi-Annual	Payment frequency is semi-annual.
WEEK	Weekly	Payment frequency is weekly.

CODES

If Qualifier is PAYS and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

FULL	Fully Paid	Financial instrument is fully paid.
NILL	Nil Paid	Financial instrument is nil paid.
PART	Partially Paid	Financial instrument is partially paid.

CODES

If Qualifier is CFRE and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

ANNU	Annual	Frequency is annual.
MNTH	Monthly	Frequency is monthly.
QUTR	Quarterly	Frequency is quarterly.
SEMI	Semi-Annual	Frequency is semi-annual.
WEEK	Weekly	Frequency is weekly.

22. Field 12a: Type of Financial Instrument

FORMAT

Option A	:4!c/[8c]/30x	(Qualifier)(Data Source Scheme)(Instrument Code or Description)
Option B	:4!c/[8c]/4!c	(Qualifier)(Data Source Scheme)(Instrument Type Code)
Option C	:4!c//6!c	(Qualifier)(CFI Code)

PRESENCE

Optional in optional subsequence B1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	CLAS	N		A, C	Classification Type
2	O	OPST	N		B	Option Style
3	O	OPTI	N		B	Option Type

DEFINITION

This qualified generic field specifies:

CLAS	Classification Type	Classification type of the financial instrument, for example, ISO Classification of Financial instrument (CFI).
OPST	Option Style	Specifies how an option can be exercised.
OPTI	Option Type	Specifies whether it is a call option or a put option.

CODES

In option B, if Qualifier is OPST and Data Source Scheme is not present, Instrument Type Code must contain one of the following codes (Error code(s): K12):

AMER	American Style	Option can be exercised before or on expiry date.
EURO	European Style	Option can be exercised on expiry date only.

CODES

In option B, if Qualifier is OPTI and Data Source Scheme is not present, Instrument Type Code must contain one of the following codes (Error code(s): K12):

CALL	Call Option	A right to buy a defined quantity of an asset by a certain date at an agreed price.
PUTO	Put Option	A right to sell a defined quantity of an asset by a certain date at an agreed price.

USAGE RULES

When option C is used, CFI code must contain a valid ISO CFI code.

To use the codes associated with the ISITC code for security type, /ASCT/, Data Source Scheme must be ISIT and Instrument Code or Description must contain a valid ISITC security type code.

EXAMPLES

```
:12C::CLAS//ESVUFR
```

(CFI code for equity, common share, voting rights, unrestricted, fully paid and registered).

23. Field 11A: Currency: Currency of Denomination

FORMAT

| Option A | :4!c//3!a | (Qualifier)(Currency Code) |

PRESENCE

Optional in optional subsequence B1

QUALIFIER

```
(Error code(s): T89)
```

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DENO	N		A	Currency of Denomination

DEFINITION

This qualified generic field specifies:

| DENO | Currency of Denomination | Currency in which a financial instrument is currently denominated. |

NETWORK VALIDATED RULES

Currency Code must be a valid ISO 4217 currency code (Error code(s): T52).

24. Field 98A: Date/Time

FORMAT

| Option A | :4!c//8!n | (Qualifier)(Date) |

PRESENCE

Optional in optional subsequence B1

QUALIFIER

```
(Error code(s): T89)
```

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	COUP	N		A	Coupon Date
2	O	EXPI	N		A	Expiry Date
3	O	FRNR	N		A	Floating Rate Note Reset Date

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
4	O	MATU	N		A	Maturity Date
5	O	ISSU	N		A	Issue Date
6	O	CALD	N		A	Call Date
7	O	PUTT	N		A	Put Date
8	O	DDTE	N		A	Dated Date
9	O	FCOU	N		A	First Coupon Date

DEFINITION

This qualified generic field specifies:

CALD	Call Date	Date on which a financial instrument is called away/redeemed before its scheduled maturity date.
COUP	Coupon Date	Next payment date of an interest bearing financial instrument.
DDTE	Dated Date	Date on which an interest bearing financial instrument begins to accrue interest.
EXPI	Expiry Date	Date on which an order expires or at which a privilege or offer terminates.
FCOU	First Coupon Date	First payment date of an interest bearing financial instrument.
FRNR	Floating Rate Note Reset Date	Date on which the interest rate of an interest bearing financial instrument will be/was calculated and reset, according to the terms of the issue.
ISSU	Issue Date	Date on which the financial instrument is issued.
MATU	Maturity Date	Date on which a financial instrument becomes due and assets are to be repaid.
PUTT	Put Date	Date on which a holder of a financial instrument has the right to request redemption of the principal amount prior to its scheduled maturity date.

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD `(Error code(s): T50)`.

25. Field 92A: Rate

FORMAT

Option A	:4!c//[N]15d	(Qualifier)(Sign)(Rate)

PRESENCE

Optional in optional subsequence B1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PRFC	N		A	Previous Factor
2	O	CUFC	N		A	Current Factor
3	O	NWFC	N		A	Next Factor
4	O	INTR	N		A	Interest Rate
5	O	NXRT	N		A	Next Interest Rate
6	O	INDX	N		A	Index Factor
7	O	YTMR	N		A	Yield To Maturity Rate

DEFINITION

This qualified generic field specifies:

CUFC	Current Factor	Rate expressed as a decimal between 0 and 1 defining the outstanding principal of the financial instrument (for factored securities).
INDX	Index Factor	Public index rate used for inflation adjustment.
INTR	Interest Rate	Annualised interest rate of a financial instrument used to calculate the actual interest rate of the coupon or the accrued interest.
NWFC	Next Factor	Rate expressed as a decimal between 0 and 1 that will be applicable as of the next factor date and defines the outstanding principal of the financial instrument (for factored securities).
NXRT	Next Interest Rate	Interest rate applicable to the next interest payment period in relation to variable rate instruments.
PRFC	Previous Factor	Rate expressed as a decimal between 0 and 1 that was applicable before the current factor and defines the outstanding principal of the financial instrument (for factored securities).
YTMR	Yield To Maturity Rate	Rate of return anticipated on a bond when held until maturity date.

NETWORK VALIDATED RULES

The integer part of Rate must contain at least one digit. A decimal comma is mandatory and is included in the maximum length (`Error code(s): T40, T43`).

If Rate is zero, Sign must not be present (`Error code(s): T14`).

USAGE RULES

Sign must be present when Rate is negative.

Except if notified differently in the rate definition, when used with format option A (:4!c//[N]15d), the rate must be expressed as a percentage, not as a decimal fraction (12% must be identified by 12, and not 0,12).

26. Field 13a: Number Identification

FORMAT

Option A	:4!c//3!c	(Qualifier)(Number Id)

| Option B | :4!c/[8c]/30x | (Qualifier)(Data Source Scheme)(Number) |

PRESENCE

Optional in optional subsequence B1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	COUP	N		A, B	Coupon Number
2	O	POOL	N		B	Pool Number

DEFINITION

This qualified generic field specifies:

COUP	Coupon Number	Number of the next coupon attached/associated with a security.
POOL	Pool Number	Number identifying a group of underlying assets assigned by the is-suer of a factored security.

NETWORK VALIDATED RULES

Number (Format Option B) must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

27. Field 17B: Flag

FORMAT

| Option B | :4!c//1!a | (Qualifier)(Flag) |

PRESENCE

Optional in optional subsequence B1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	FRNF	N		B	Floating Rate Note Flag
2	O	CALL	N		B	Callable Flag
3	O	PUTT	N		B	Putable Flag

DEFINITION

This qualified generic field specifies:

CALL	Callable Flag	Indicates whether the issuer has the right to repay the financial instru-ment prior to maturity.

FRNF	Floating Rate Note Flag	Indicates whether the interest rate of an interest bearing instrument is reset periodically.
PUTT	Putable Flag	Indicates whether the holder has the right to ask for redemption of the financial instrument prior to final maturity.

CODES

Flag must contain one of the following codes `(Error code(s): K17)`:

N	No	No.
Y	Yes	Yes.

28. Field 90a: Price

FORMAT

Option A	:4!c//4!c/[N]15d	(Qualifier)(Percentage Type Code)(Sign)(Price)
Option B	:4!c//4!c/3!a15d	(Qualifier)(Amount Type Code)(Currency Code)(Price)

PRESENCE

Optional in optional subsequence B1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	INDC	N		A, B	Indicative Price
	or	MRKT	N		A, B	Market Price
2	O	EXER	N		A, B	Exercise Price

DEFINITION

This qualified generic field specifies:

EXER	Exercise Price	1. Price at which the security will be purchased/sold if warrant is exercised, represented either as an actual amount (option B) or a percentage (option A).
		2. Price at which a bond is converted, represented either as an actual amount (option B) or a percentage (option A).
		3. Strike price of an option, represented either as an actual amount (option B) or a percentage (option A).
INDC	Indicative Price	Estimated price, for example, for valuation purposes.
MRKT	Market Price	Last reported/known price of a financial instrument in a market.

CODES

In option A, Percentage Type Code must contain one of the following codes `(Error code(s): K90):`

DISC	Discount	Price expressed as the number of percentage points below par, for example, a discount price of 2.0% equals a price of 98 when par is 100.
PRCT	Percentage	Price expressed as a percentage of par.
PREM	Premium	Price expressed as the number of percentage points above par, for example, a premium price of 2.0% equals a price of 102 when par is 100.
YIEL	Yield	Price expressed as a yield.

CODES

In option B, Amount Type Code must contain one of the following codes (Error code(s): K90):

ACTU	Actual Amount	Price expressed as an amount of currency per unit or per share.
DISC	Discount	Price expressed as a discount amount.
PREM	Premium	Price expressed as a premium.

NETWORK VALIDATED RULES

The integer part of Price must contain at least one digit. A decimal comma is mandatory and is included in the maximum length (Error code(s): T40, T43).

Currency Code must be a valid ISO 4217 currency code (Error code(s): T52).

Sign may only be present if Percentage Type Code is YIEL (Error code(s): T69).

If Price is zero, Sign must not be present (Error code(s): T14).

USAGE RULES

The number of decimal digits in Price is not validated against the currency specified.

Sign must be present when Price is negative.

29. Field 36a: Quantity of Financial Instrument

FORMAT

| Option B | :4!c//4!c/15d | (Qualifier)(Quantity Type Code)(Quantity) |
| Option D | :4!c//4!c/30d | (Qualifier)(Quantity Type Code)(Quantity of Digital Tokens) |

PRESENCE

Optional in optional subsequence B1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	MINO	N		B, D	Minimum Nominal Quantity
2	O	SIZE	N		B, D	Contract Size

DEFINITION

This qualified generic field specifies:

MINO	Minimum Nominal Quantity	Minimum nominal quantity of financial instrument.
SIZE	Contract Size	Ratio or multiplying factor used to convert one contract into a financial instrument quantity.

CODES

In option B, Quantity Type Code must contain one of the following codes (Error code(s): K36):

AMOR	Amortised Value	Quantity expressed as an amount representing the current amortised face amount of a bond, for example, a periodic reduction/increase of a bond's principal amount.
FAMT	Face Amount	Quantity expressed as an amount representing the face amount, that is, the principal, of a debt instrument.
UNIT	Unit Number	Quantity expressed as a number, for example, a number of shares.

CODES

In option D, Quantity Type Code must contain one of the following codes (Error code(s): K36):

DITU	Digital Token Unit Number	Quantity of digital token expressed as a number, for example, a number of blockchain tokens.

NETWORK VALIDATED RULES

The integer part of Quantity must contain at least one digit. A decimal comma is mandatory and is included in the maximum length (Error code(s): T40, T43).

USAGE RULES

Format option D may only be used for digital assets.

30. Field 35B: Identification of the Financial Instrument

FORMAT

Option B	[ISIN1!e12!c]	(Identification of Security)
	[4*35x]	(Description of Security)

PRESENCE

Optional in optional subsequence B1

DEFINITION

This field identifies the underlying financial instrument.

NETWORK VALIDATED RULES

At least Identification of a Security (Subfield 1) or Description of Security (Subfield 2) must be present; both may be present (Error code(s): T17).

ISIN is used at the beginning of Identification of Security (Subfield 1) and must be composed of upper-case letters only (Error code(s): T12).

USAGE RULES

The financial Instrument field 35B in the Financial Instrument Attributes subsequence must only be used for the identification of the underlying instrument(s) of a derivative. It must not be used, for example, for the listing of the underlying securities of an index.

When used in Description of Security (Subfield 2), codes must start and end with a slash '/'.

When an ISIN identifier is not used, one of the following codes must be used as the first characters of the Description of Security (Subfield 2):

[/2!a/]	The ISO two-digit country code, followed by the national scheme number.
[/TS/]	Followed by the ticker symbol.
[/XX/]	Bilaterally agreed or proprietary scheme which may be further identified by a code or short description identifying the scheme used.
[/4!c/]	Code identifying the type of security identifier used. This code must be one published by ISO 20022 (ExternalFinancialInstrumentIdentificationTypeCode).

MARKET PRACTICE RULES

When available, ISIN must be used.

EXAMPLES

An ISIN will be identified as follows:

`:35B:ISIN US0123456704`

A SEDOL will be identified as follows:

`:35B:/GB/0123456`

A CUSIP will be identified as follows:

`:35B:/US/012345670`

A proprietary scheme will be identified as follows:

`:35B:/XX/SCHEMEUSED 0123456700`

31. Field 70E: Narrative: Financial Instrument Attribute Narrative

FORMAT

Option E	:4!c//10*35x	(Qualifier)(Narrative)

PRESENCE

Optional in optional subsequence B1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	FIAN	N		E	Financial Instrument Attribute Narrative

DEFINITION

This qualified generic field specifies:

FIAN	Financial Instrument Attribute Narrative	Provides additional information about the financial instrument in narrative form.

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

32. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in optional subsequence B1

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

FIA   Financial Instrument Attributes

33. Field 22F: Indicator

FORMAT

Option F   :4!c/[8c]/4!c   (Qualifier)(Data Source Scheme)(Indicator)

PRESENCE

Optional in mandatory sequence B

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PROC	N		F	Processing Indicator
2	O	RPOR	R		F	Reporting Indicator
3	O	PRIR	N		F	Priority Indicator
4	O	BORR	N		F	Automatic Borrowing Indicator
5	O	TTCO	R		F	Trade Transaction Condition Indicator
6	O	INCA	N		F	Investor Capacity Indicator
7	O	TRCA	N		F	Party Capacity Indicator

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
8	O	PRIC	N		F	Type of Price Indicator

DEFINITION

This qualified generic field specifies:

BORR	Automatic Borrowing Indicator	Specifies the condition for automatic borrowing.
INCA	Investor Capacity Indicator	Role of the investor in the transaction.
PRIC	Type of Price Indicator	Specifies the type of transaction price.
PRIR	Priority Indicator	Specifies the execution priority of the instruction.
PROC	Processing Indicator	Specifies additional information relative to the processing of the trade.
RPOR	Reporting Indicator	Indicates information with regards to reporting.
TRCA	Party Capacity Indicator	Specifies the role of the party in the transaction.
TTCO	Trade Transaction Condition Indicator	Specifies the conditions under which the order/trade was executed.

CODES

If Qualifier is PROC and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

CLOP	Close Position	Trade is to close a position.
OPEP	Open Position	Trade is to open a position.

CODES

If Qualifier is RPOR and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

DEFR	Deferred Report	The report is deferred, for example, because the order was executed in partial fills.
EXCH	Stock Exchange	Trade details are to be reported to a stock exchange. This stock exchange is identified in the Other Parties sequence.
TRRE	Trade Details Reported	Trade details are to be reported to a regulatory organisation. This regulatory organisation is identified in the Other Parties sequence.

CODES

If Qualifier is BORR and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

LAMI	Last Resort Borrowing	Only last resort borrowing should be considered to make settlement occur.
NBOR	No Automatic Borrowing	No automatic borrowing should take place.

YBOR	Automatic Borrowing	Automatic borrowing should take place to effect settlement in case of insufficient financial instruments.

CODES

If Qualifier is TTCO and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

BCBL	Board Lots	Trade was executed on board lots; not set for odd lots (UK specific).
BCBN	Bad Names	Trade was executed on bad names, not set for good names (UK specific).
BCFD	Form of Delivery	Not for foreign registration when unset (UK specific).
BCPD	Place of Delivery	In country of incorporation when unset (UK specific).
BCRO	Result of Option When Set	Result of option when set (UK specific).
BCRP	Result of Repo When Set	Result of repo when set (UK specific).
CBNS	Cum Bonus	Trade was executed cum bonus.
CCPN	Cum Coupon	Trade was executed cum coupon.
CDIV	Cum Dividend	Trade was executed cum dividend.
CRTS	Cum Rights	Trade was executed cum rights.
CWAR	Cum Warrants	Trade was executed cum warrants.
GTDL	Guaranteed Delivery	Delivery of the financial instrument on settlement date is guaranteed.
MAPR	Market Price	The trade was executed at market price.
NEGO	Negotiated Trade	A negotiated trade is a trade for which the price is not the one quoted but an *improved* one that is, negotiated price.
NMPR	Non-Market Price	The trade was executed outside of *normal* market conditions (for example, in the case of an iceberg order).
SPCU	Special Cum Dividend	Trade was executed with a special cum dividend, that is, buying after the ex date and getting the dividend.
SPEX	Special Ex Dividend	Trade was executed with a special ex dividend, that is, selling before the ex date without the coupon.
XBNS	Ex Bonus	Trade was executed ex bonus.
XCPN	Ex Coupon	Trade was executed ex coupon.
XDIV	Ex Dividend	Trade was executed ex dividend.
XRTS	Ex Rights	Trade was executed ex rights.
XWAR	Ex Warrants	Trade was executed ex warrants.

CODES

If Qualifier is INCA and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

ELIG	Eligible Counterparty	MiFID classification of counterparty. Eligible customers are the most sophisticated level of investor, able to opt out of some of the protections afforded by conduct of business rules defined under MiFID.
PROF	Professional Client	MiFID classification of counterparty. Professional customers are, for example, investment firms, credit institutions, insurance companies.
RETL	Retail Client	MiFID classification of counterparty. Retail customers are the least sophisticated level of investor.

CODES

If Qualifier is TRCA and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

INFI	Investment Firm	Any legal person whose regular occupation or business is the provision of one or more investment services to third parties and/or the performance of one or more investment activities on a professional basis.
MKTM	Market Maker	Dealer or specialist that is trading for their own account in the OTC market. Market makers are expected to maintain an orderly market by being available to buy or sell.
MLTF	Multi-Lateral Trading Facility	Multilateral trading facility (MTF) is a multilateral system which brings together multiple third-party buying and selling interests in financial instruments in a way that results in a contract.
RMKT	Regulated Market	A regulated market is a market on which financial instruments can be traded according to rules defined by the stock exchange.
SINT	Systematic Internaliser	Firms which, on an organised, frequent and systematic basis, deal on their own account by executing client orders outside a regulated market or an MTF. SIs have the obligation to provide, and make public, a definite bid and offer quote for liquid securities.
TAGT	Transfer Agent	The party appointed by the Fund Management Company. It updates records of investor accounts to reflect the daily investor purchases, redemptions, switches, transfers, and re-registrations. It ensures the timely settlement of transactions, and may provide tax information to the investor and/or to its intermediaries. It may calculate, collect, and rebate commissions. It prepares and distributes confirmations reflecting transactions, resulting in unit or cash account movements to the investor or the investor's intermediary. It responds to inquiries concerning account status, and processes the income distribution.

CODES

If Qualifier is PRIC and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

AVER	Average Price	Price is an average price.

CODES

If Qualifier is PRIR and Data Source Scheme is not present, Indicator must contain a numerical value in the range 0001 - 9999 where 0001 refers to the highest priority .

USAGE RULES

For Qualifier INCA, the use of the codes needs to be bilaterally agreed.

34. Field 11A: Currency: Currency to Sell

FORMAT

Option A	:4!c//3!a	(Qualifier)(Currency Code)

PRESENCE

Optional in mandatory sequence B

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	FXIS	N		A	Currency to Sell

DEFINITION

This qualified generic field specifies:

FXIS	Currency to Sell	Account servicer is instructed to sell the indicated currency in order to obtain the necessary currency to fund the transaction within this instruction message.

NETWORK VALIDATED RULES

Currency Code must be a valid ISO 4217 currency code (Error code(s): T52).

35. Field 25D: Status Code

FORMAT

Option D	:4!c/[8c]/4!c	(Qualifier)(Data Source Scheme)(Status Code)

PRESENCE

Optional in mandatory sequence B

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	MTCH	N		D	Matching Status
2	O	AFFM	N		D	Affirmation Status

DEFINITION

This qualified generic field specifies:

| AFFM | Affirmation Status | Provides the affirmation status of the confirmation at the time the settlement instruction was sent. ETC - Electronic Trade Confirmation-status or status reported between the trading parties prior to the sending of settlement instructions. |
| MTCH | Matching Status | Provides the matching status of the instruction at the time the settlement instruction was sent. ETC - Electronic Trade Confirmation - status or status reported between the trading parties prior to the sending of settlement instructions. |

CODES

If Qualifier is MTCH and Data Source Scheme is not present, Status Code must contain one of the following codes (Error code(s): K25):

| MACH | Matched | Instruction has been matched. |
| NMAT | Unmatched | Instruction has not been matched. |

CODES

If Qualifier is AFFM and Data Source Scheme is not present, Status Code must contain one of the following codes (Error code(s): K25):

| AFFI | Affirmed | Status of the transaction is affirmed. |
| NAFI | Unaffirmed | Status of the transaction is unaffirmed. |

36. Field 70E: Narrative

FORMAT

| Option E | :4!c//10*35x | (Qualifier)(Narrative) |

PRESENCE

Optional in mandatory sequence B

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	FXIN	N		E	FX Instructions Narrative
2	O	SPRO	N		E	Settlement Instruction Processing Narrative

DEFINITION

This qualified generic field specifies:

| FXIN | FX Instructions Narrative | Provides additional details pertaining to foreign exchange instructions. |
| SPRO | Settlement Instruction Processing Narrative | Provides additional settlement processing information which can not be included within the structured fields of the message. |

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

37. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in mandatory sequence B

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92)`:

TRADDET   Trade Details

38. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in mandatory sequence C

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92)`:

FIAC   Financial Instrument/Account

39. Field 36a: Quantity of Financial Instrument: Quantity of Financial Instrument to be Settled

FORMAT

Option B	:4!c//4!c/15d	(Qualifier)(Quantity Type Code)(Quantity)
Option D	:4!c//4!c/30d	(Qualifier)(Quantity Type Code)(Quantity of Digital Tokens)

PRESENCE

Mandatory in mandatory sequence C

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	SETT	R	C14	B, D	Quantity of Financial Instrument to be Settled

DEFINITION

This qualified generic field specifies:

SETT	Quantity of Financial Instrument to be Settled	Quantity of financial instrument to be settled.

CODES

In option B, Quantity Type Code must contain one of the following codes `(Error code(s): K36)`:

AMOR	Amortised Value	Quantity expressed as an amount representing the current amortised face amount of a bond, for example, a periodic reduction/increase of a bond's principal amount.
FAMT	Face Amount	Quantity expressed as an amount representing the face amount, that is, the principal, of a debt instrument.
UNIT	Unit Number	Quantity expressed as a number, for example, a number of shares.

CODES

In option D, Quantity Type Code must contain one of the following codes `(Error code(s): K36)`:

DITU	Digital Token Unit Number	Quantity of digital token expressed as a number, for example, a number of blockchain tokens.

NETWORK VALIDATED RULES

The integer part of Quantity must contain at least one digit. A decimal comma is mandatory and is included in the maximum length `(Error code(s): T40, T43)`.

USAGE RULES

Format option D may only be used for digital assets.

When quantity type code is UNIT or DITU, qualifier SETT must not be repeated.

40. Field 70D: Narrative: Denomination Choice

FORMAT

Option D	:4!c//6*35x	(Qualifier)(Narrative)

PRESENCE

Optional in mandatory sequence C

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DENC	N		D	Denomination Choice

DEFINITION

This qualified generic field specifies:

DENC   Denomination Choice   Provides the denominations to be delivered/received.

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

41. Field 13B: Number Identification: Certificate Number

FORMAT

Option B   :4!c/[8c]/30x   (Qualifier)(Data Source Scheme)(Number)

PRESENCE

Optional in mandatory sequence C

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	CERT	R		B	Certificate Number

DEFINITION

This qualified generic field specifies:

CERT   Certificate Number   Unique and unambiguous number of a financial instrument certificate or other document of title.

NETWORK VALIDATED RULES

Number (Format Option B) must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

USAGE RULES

Data Source Scheme must not be used when Number is ISO 8532, Securities - Format for transmission of certificate numbers.

42. Field 95a: Party

FORMAT

Option L   :4!c//18!c2!n   (Qualifier)(Legal Entity Identifier)

Option P	:4!c//4!a2!a2!c[3!c]	(Qualifier)(Identifier Code)
Option R	:4!c/8c/34x	(Qualifier)(Data Source Scheme)(Proprietary Code)

PRESENCE

Optional in mandatory sequence C

QUALIFIER

```
(Error code(s): T89)
```

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	ACOW	N	C17	P, R	Account Owner
2	O	ALTE	N	C17	L	Alternate Identification

DEFINITION

This qualified generic field specifies:

ACOW	Account Owner	Party that owns the account.
ALTE	Alternate Identification	Alternate identification for a party.

NETWORK VALIDATED RULES

Identifier Code must be a registered BIC `(Error code(s): T27, T28, T29, T45)`.

Proprietary code (Format Option R) must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

USAGE RULES

In option R, Proprietary Code specifies a local national code or market segment code identifying the party.

43. Field 97a: Account

FORMAT

Option A	:4!c//35x	(Qualifier)(Account Number)
Option B	:4!c/[8c]/4!c/35x	(Qualifier)(Data Source Scheme)(Account Type Code) (Account Number)
Option D	:4!c/[8c]/140x	(Qualifier)(Data Source Scheme)(Identification of Blockchain or Wallet)
Option E	:4!c//34x	(Qualifier)(International Bank Account Number)

PRESENCE

Mandatory in mandatory sequence C

QUALIFIER

```
(Error code(s): T89)
```

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	BCAW	N		D	Blockchain Address or Wallet
	or	SAFE	N		A, B	Safekeeping Account
2	O	CASH	N		A, E	Cash Account

DEFINITION

This qualified generic field specifies:

BCAW	Blockchain Address or Wallet	Blockchain address or wallet where digital assets are maintained. This is the equivalent of safekeeping account for digital assets.
CASH	Cash Account	Account in which cash is maintained.
SAFE	Safekeeping Account	Account where financial instruments are maintained.

CODES

In option B, the Data Source Scheme must be present and Account Type Code must contain the type of account as defined by the party identified in the Data Source Scheme.

USAGE RULES

In option B, Account Type Code specifies the type of account needed to fully identify the account.

44. Field 94a: Place: Place of Safekeeping

FORMAT

Option B	:4!c/[8c]/4!c[/30x]	(Qualifier)(Data Source Scheme)(Place Code)(Narrative)
Option C	:4!c//2!a	(Qualifier)(Country Code)
Option F	:4!c//4!c/4!a2!a2!c[3!c]	(Qualifier)(Place Code)(Identifier Code)
Option L	:4!c//18!c2!n	(Qualifier)(Legal Entity Identifier)

PRESENCE

Optional in mandatory sequence C

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	SAFE	R	C18	B, C, F, L	Place of Safekeeping

DEFINITION

This qualified generic field specifies:

SAFE	Place of Safekeeping	Location where the financial instruments are/will be safekept.

CODES

In option B, , if Data Source Scheme is not present, Place Code must contain one of the following codes `(Error code(s): K94)`:

SHHE	Shares Held Else-where	Used for certain financial instruments, for example, US mutual funds, where settlement is internal only, that is, there is no external move-ment of securities.

CODES

In option F, Place Code must contain one of the following codes `(Error code(s): K94)`:

CUST	Local Custodian	Financial instruments held at a local custodian.
ICSD	International Central Securities Depository	Financial instruments held at an International Central Securities Depository.
NCSD	National Central Securities Depository	Financial instruments held at a National Central Securities Depository.
SHHE	Shares Held Else-where	Used for certain financial instruments, for example, US mutual funds, where settlement is internal only, that is, there is no external move-ment of securities.

NETWORK VALIDATED RULES

Country Code must be a valid ISO country code `(Error code(s): T73)`.

Identifier Code must be a registered BIC `(Error code(s): T27, T28, T29, T45)`.

Narrative (Format Option B) must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

USAGE RULES

The Place of Safekeeping functionality in the settlement instructions is only to be used by global custo-dians that allow their clients to specify where the securities are to be held, for example, in an ICSD ac-count versus an account at the local CSD.

MARKET PRACTICE RULES

When used (see usage rule), unless special arrangements exist between the account servicer and the account owner, it is recommended to use the place of safekeeping field following the market practice described below:

- :94F::SAFE//NCSD: an NCSD's BIC will be used for domestic and NCSD to NCSD settlement in-structions.

- :94F::SAFE//ICSD: an ICSD's BIC will be used for ICSD internal, ICSD/local and ICSD to ICSD set-tlement instructions.

- :94F::SAFE//CUST: applicable, for instance, when the account servicer is a global custodian and provides the account owner with a position reporting at global custodian's agents' level. When in-structing, the fund manager would therefore mention, as a place of safekeeping, the BIC of the global custodian's agent on the market.

Absence of place of safekeeping means that:

- The place of safekeeping info is kept by the account servicer (SLA, account structure, ETC.) and should not be provided by the account owner.

- The place of safekeeping is the counterparty's place of settlement field 95P::PSET//. The transaction is therefore domestic (to an NCSD) or internal to an ICSD.

For more details, see the relevant market practice document on **www.smpg.info**.

45. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in optional subsequence C1

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

BREAK   Quantity Breakdown

46. Field 13B: Number Identification: Lot Number

FORMAT

Option B   :4!c/[8c]/30x   (Qualifier)(Data Source Scheme)(Number)

PRESENCE

Optional in optional subsequence C1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	LOTS	N		B	Lot Number

DEFINITION

This qualified generic field specifies:

LOTS   Lot Number   Number identifying a lot constituting the financial instrument.

NETWORK VALIDATED RULES

Number (Format Option B) must not start or end with a slash '/' and must not contain two consecutive slashes '//' (Error code(s): T26).

47. Field 36a: Quantity of Financial Instrument: Quantity of Financial Instrument In The Lot

FORMAT

Option B	:4!c//4!c/15d	(Qualifier)(Quantity Type Code)(Quantity)
Option D	:4!c//4!c/30d	(Qualifier)(Quantity Type Code)(Quantity of Digital Tokens)

PRESENCE

Optional in optional subsequence C1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	LOTS	N		B, D	Quantity of Financial Instrument In The Lot

DEFINITION

This qualified generic field specifies:

LOTS	Quantity of Financial Instrument In The Lot	Quantity of financial instruments that is part of the lot described.

CODES

In option B, Quantity Type Code must contain one of the following codes (Error code(s): K36):

AMOR	Amortised Value	Quantity expressed as an amount representing the current amortised face amount of a bond, for example, a periodic reduction/increase of a bond's principal amount.
FAMT	Face Amount	Quantity expressed as an amount representing the face amount, that is, the principal, of a debt instrument.
UNIT	Unit Number	Quantity expressed as a number, for example, a number of shares.

CODES

In option D, Quantity Type Code must contain one of the following codes (Error code(s): K36):

DITU	Digital Token Unit Number	Quantity of digital token expressed as a number, for example, a number of blockchain tokens.

NETWORK VALIDATED RULES

The integer part of Quantity must contain at least one digit. A decimal comma is mandatory and is included in the maximum length (Error code(s): T40, T43).

USAGE RULES

The total of the lots provided in the message must add up to the quantity to be settled (:36B::SETT).

Format option D may only be used for digital assets.

48. Field 98a: Date/Time: Lot Date/Time

FORMAT

Option A	:4!c//8!n	(Qualifier)(Date)
Option C	:4!c//8!n6!n	(Qualifier)(Date)(Time)
Option E	:4!c//8!n6!n[,3n][/[N]2!n[2!n]]	(Qualifier)(Date)(Time)(Decimals)(UTC Indicator)

PRESENCE

Optional in optional subsequence C1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	LOTS	N		A, C, E	Lot Date/Time

DEFINITION

This qualified generic field specifies:

LOTS	Lot Date/Time	Date/time at which the lot was purchased.

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD (Error code(s): T50).

Time must be a valid time expressed as HHMMSS (Error code(s): T38).

UTC Indicator must be a valid time expressed as HH[MM] (Error code(s): T39).

Sign ([N]) must not be used when UTC Indicator is equal to all zeroes (Error code(s): T14).

EXAMPLES

Examples of format option E usage:

- Lot date/time is the 23rd of October 2006, at 12:35 and 48 seconds, 2 tenths of a second

  :98E::LOTS//20061023123548,2

- Lot date/time is the 23rd of October 2006, at 12:35 and 48 seconds, 25 hundreds of a second, UTC time +2

  :98E::LOTS//20061023123548,25/02

- Lot date/time is the 23rd of October 2006, at 12:35 and 48 seconds, UTC time - 4

  :98E::LOTS//20061023123548/N04

- Lot date/time is the 23rd of October 2006, at 12:35 and 48 seconds, UTC time - 2h30

  :98E::LOTS//20061023123548/N0230

49. Field 90a: Price: Book/Lot Price

FORMAT

Option A	:4!c//4!c/[N]15d	(Qualifier)(Percentage Type Code)(Sign)(Price)
Option B	:4!c//4!c/3!a15d	(Qualifier)(Amount Type Code)(Currency Code)(Price)

PRESENCE

Optional in optional subsequence C1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	LOTS	N		A, B	Book/Lot Price

DEFINITION

This qualified generic field specifies:

LOTS	Book/Lot Price	Price at which the lot was purchased.

CODES

In option A, Percentage Type Code must contain one of the following codes (Error code(s): K90):

DISC	Discount	Price expressed as the number of percentage points below par, for example, a discount price of 2.0% equals a price of 98 when par is 100.
PRCT	Percentage	Price expressed as a percentage of par.
PREM	Premium	Price expressed as the number of percentage points above par, for example, a premium price of 2.0% equals a price of 102 when par is 100.
YIEL	Yield	Price expressed as a yield.

CODES

In option B, Amount Type Code must contain one of the following codes (Error code(s): K90):

ACTU	Actual Amount	Price expressed as an amount of currency per unit or per share.
DISC	Discount	Price expressed as a discount amount.
PREM	Premium	Price expressed as a premium.

NETWORK VALIDATED RULES

Currency Code must be a valid ISO 4217 currency code (Error code(s): T52).

The integer part of Price must contain at least one digit. A decimal comma is mandatory and is included in the maximum length. (Error code(s): T40, T43).

Sign may only be present if Percentage Type Code is YIEL (Error code(s): T69).

If Price is zero, Sign must not be present `(Error code(s): T14).`

USAGE RULES

The number of decimal digits in Price is not validated against the currency specified.

Sign must be present when Price is negative.

50. Field 22F: Indicator: Type of Price Indicator

FORMAT

Option F	:4!c/[8c]/4!c	(Qualifier)(Data Source Scheme)(Indicator)

PRESENCE

Optional in optional subsequence C1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PRIC	N		F	Type of Price Indicator

DEFINITION

This qualified generic field specifies:

PRIC	Type of Price Indicator	Specifies the type of transaction price.

CODES

If Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22):`

AVER	Average Price	Price is an average price.

51. Field 16S: End of Block

FORMAT

Option S	16c

PRESENCE

Mandatory in optional subsequence C1

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92):`

BREAK	Quantity Breakdown

52. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in mandatory sequence C

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

FIAC   Financial Instrument/Account

53. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in optional sequence D

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

REPO   Two Leg Transaction Details

54. Field 98a: Date/Time

FORMAT

Option A	:4!c//8!n	(Qualifier)(Date)
Option B	:4!c/[8c]/4!c	(Qualifier)(Data Source Scheme)(Date Code)
Option C	:4!c//8!n6!n	(Qualifier)(Date)(Time)

PRESENCE

Optional in optional sequence D

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	TERM	N		A, B, C	Closing Date/Time
2	O	RERA	N		A, C	Rate Change Date/Time

DEFINITION

This qualified generic field specifies:

RERA	Rate Change Date/Time	Date/Time at which rate change has taken place.
TERM	Closing Date/Time	Closing date/time or maturity date/time of the transaction.

CODES

In option B, , if Data Source Scheme is not present, Date Code must contain one of the following codes (Error code(s): K98):

OPEN	Open-Dated	Date/time has not been established.

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD (Error code(s): T50).

Time must be a valid time expressed as HHMMSS (Error code(s): T38).

55. Field 22F: Indicator

FORMAT

Option F	:4!c/[8c]/4!c	(Qualifier)(Data Source Scheme)(Indicator)

PRESENCE

Optional in optional sequence D

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	RERT	N		F	Rate Type
2	O	MICO	N		F	Method of Interest Computation Indicator
3	O	REVA	N		F	Revaluation Indicator
4	O	LEGA	N		F	Legal Framework Indicator
5	O	OMAT	N		F	Maturity Date Modification Indicator
6	O	INTR	N		F	Interest Payment Indicator

DEFINITION

This qualified generic field specifies:

INTR	Interest Payment Indicator	Specifies whether the interest is to be paid to the collateral giver or taker.

LEGA	Legal Framework Indicator	Legal framework of the transaction.
MICO	Method of Interest Computation Indicator	Specifies the computation method of (accrued) interest of the financial instrument.
OMAT	Maturity Date Modification Indicator	Specifies whether the maturity date of the securities financing transaction may be modified.
RERT	Rate Type	Specifies whether the rate is fixed or variable.
REVA	Revaluation Indicator	Specifies whether the collateral position should be subject to automatic revaluation by the account servicer.

CODES

If Qualifier is RERT and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

FIXE	Fixed	Rate is fixed.
FORF	Forfeit	No specific rate applies to the transaction, only a forfeit.
VARI	Variable	Rate is variable.

CODES

If Qualifier is MICO and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

A001	30/360 (ISDA) or 30/360 (American Basic Rule)	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February, and provided that the interest period started on a 30th or a 31st. This means that a 31st is assumed to be a 30th if the period started on a 30th or a 31st and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th). It is the most commonly used 30/360 method for US straight and convertible bonds.
A002	30/365	Method whereby interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th).
A003	30/Actual	Method whereby interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year.

A004	Actual/360	Method whereby interest is calculated based on the actual number of accrued days in the interest period and a 360-day year.
A005	Actual/365 (Fixed)	Method whereby interest is calculated based on the actual number of accrued days in the interest period and a 365-day year.
A006	Actual/Actual (ICMA)	Method whereby interest is calculated based on the actual number of accrued days and the assumed number of days in a year, that is, the actual number of days in the coupon period multiplied by the number of interest payments in the year. If the coupon period is irregular (first or last coupon), it is extended or split into quasi interest periods that have the length of a regular coupon period and the computation is operated separately on each quasi interest period and the intermediate results are summed up.
A007	30E/360 or Eurobond basis	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be equivalent to a 30 Feb. However, if the last day of the maturity coupon period is the last day of February, it will not be assumed to be a 30th. It is a variation of the 30/360 (ICMA) method commonly used for eurobonds. The usage of this variation is only relevant when the coupon periods are scheduled to end on the last day of the month.
A008	Actual/Actual (ISDA)	Method whereby interest is calculated based on the actual number of accrued days of the interest period that fall on a normal year, divided by 365, added to the actual number of days of the interest period that fall on a leap year, divided by 366.
A009	Actual/365L or Actual/Actual (basic rule)	Method whereby interest is calculated based on the actual number of accrued days and a 365-day year (if the coupon payment date is NOT in a leap year) or a 366-day year (if the coupon payment date is in a leap year).
A010	Actual/Actual (AFB)	Method whereby interest is calculated based on the actual number of accrued days and a 366-day year (if 29 Feb falls in the coupon period) or a 365-day year (if 29 Feb does not fall in the coupon period). If a coupon period is longer than one year, it is split by repetitively separating full year sub-periods counting backwards from the end of the coupon period (a year backwards from a 28 Feb being 29 Feb, if it exists). The first of the sub-periods starts on the start date of the accrued interest period and thus is possibly shorter than a year. Then the interest computation is operated separately on each sub-period and the intermediate results are summed up.
A011	30/360 (ICMA) or 30/360 (basic rule)	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be a 28th (or 29th). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 01/01/1999.
A012	30E2/360 or Eurobond basis model 2	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same

month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31st is assumed to be a 30th and the 28th Feb of a non-leap year is assumed to be equivalent to a 29th Feb when the first day of the interest period is a 29th, or to a 30th Feb when the first day of the interest period is a 30th or a 31st. The 29th Feb of a leap year is assumed to be equivalent to a 30th Feb when the first day of the interest period is a 30th or a 31st. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30th Feb when the end of the period is a 30th or a 31st, or two days of interest in February when the end of the period is a 29th, or 3 days of interest in February when it is the 28th Feb of a non-leap year and the end of the period is before the 29th.

A013	30E3/360 or Eurobond basis model 3	Method whereby interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31st is assumed to be a 30th and the 28 Feb (or 29 Feb for a leap year) is assumed to be equivalent to a 30 Feb. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30th, even if it is the last day of the maturity coupon period.
A014	Actual/365NL or Actual/365 No Leap	Method whereby interest is calculated based on the actual number of accrued days in the interest period, excluding any leap day from the count, and a 365-day year.
OTHR	Other	Other method than A001-A014. See Narrative.

CODES

If Qualifier is REVA and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| REVN | No Revaluation | No revaluation of collateral position should be performed. |
| REVY | Revaluation | Revaluation of collateral position should be performed. |

CODES

If Qualifier is LEGA and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| FRAN | Pension Livrée | Relates to the French legal framework for repos, that is, relates to a "Pension Livrée". |

CODES

If Qualifier is OMAT and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| MATA | Allowed | Maturity date modification is allowed. |
| MATN | Not Allowed | Maturity date modification is not allowed. |

CODES

If Qualifier is INTR and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

GIVE	Collateral Giver	Interest is paid to the collateral giver.
TAKE	Collateral Taker	Interest is paid to the collateral taker.

56. Field 20C: Reference

FORMAT

Option C	:4!c//16x	(Qualifier)(Reference)

PRESENCE

Optional in optional sequence D

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	SECO	N		C	Second Leg Reference
2	O	REPO	N		C	Transaction Reference

DEFINITION

This qualified generic field specifies:

REPO	Transaction Reference	Reference common to all the collateral pieces (one or many).
SECO	Second Leg Reference	Reference of the second leg of the transaction.

NETWORK VALIDATED RULES

Reference must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

57. Field 92a: Rate

FORMAT

Option A	:4!c//[N]15d	(Qualifier)(Sign)(Rate)
Option C	:4!c/[8c]/24x	(Qualifier)(Data Source Scheme)(Rate Name)

PRESENCE

Optional in optional sequence D

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	VASU	N		C	Variable Rate Support
2	O	REPO	N		A	Repurchase Rate
3	O	RSPR	N		A	Spread Rate
4	O	PRIC	N		A, C	Pricing Rate
5	O	SLMG	N		A	Stock Loan Margin
6	O	SHAI	N		A	Securities Haircut

DEFINITION

This qualified generic field specifies:

PRIC	Pricing Rate	Interest rate to be paid on the transaction amount, as agreed between the counterparties.
REPO	Repurchase Rate	Repurchase rate used to calculate the repurchase amount.
RSPR	Spread Rate	Margin over or under an index that determines the repurchase rate.
SHAI	Securities Haircut	Haircut or valuation factor on the security expressed as a percentage.
SLMG	Stock Loan Margin	Percentage mark-up on a loan consideration used to reflect the lender's risk.
VASU	Variable Rate Support	Index or support rate used together with the spread to calculate the repurchase rate.

NETWORK VALIDATED RULES

The integer part of Rate must contain at least one digit. A decimal comma is mandatory and is included in the maximum length `(Error code(s): T40, T43)`.

If Rate is zero, Sign must not be present `(Error code(s): T14)`.

USAGE RULES

In option C, Rate Name specifies the reference rate or basis rate on which a variable rate is based (ex: EONIA, EURIBOR, LIBOR, FEFUND, EURREPO).

Sign must be present when Rate is negative.

Except if notified differently in the rate definition, when used with format option A (:4!c//[N]15d), the rate must be expressed as a percentage, not as a decimal fraction (12% must be identified by 12, and not 0,12).

58. Field 99B: Number Count

FORMAT

Option B	:4!c//3!n	(Qualifier)(Number)

PRESENCE

Optional in optional sequence D

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	CADE	N		B	Transaction Call Delay
2	O	TOCO	N		B	Total Number of Collateral Instructions

DEFINITION

This qualified generic field specifies:

CADE	Transaction Call Delay	Minimum number of days' notice a counterparty needs for terminating the transaction.
TOCO	Total Number of Collateral Instructions	Total number of collateral instructions involved in the transaction.

59. Field 19A: Amount

FORMAT

Option A	:4!c//[N]3!a15d	(Qualifier)(Sign)(Currency Code)(Amount)

PRESENCE

Optional in optional sequence D

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	FORF	N		A	Forfeit Amount
2	O	TRTE	N		A	Termination Transaction Amount
3	O	REPP	N		A	Premium Amount
4	O	ACRU	N		A	Accrued Interest Amount
5	O	DEAL	N		A	Deal Amount
6	O	TAPC	N		A	Termination Amount per Piece of Collateral

DEFINITION

This qualified generic field specifies:

ACRU	Accrued Interest Amount	Amount of interest that has been accrued in between two periods (for second leg).
DEAL	Deal Amount	Principal amount of a trade (for second leg).
FORF	Forfeit Amount	Fixed amount of money that has to be paid (instead of interest) in the case of a recall or at the closing date.
REPP	Premium Amount	Difference between the amount of money of the first leg and the amount of the second leg of the transaction.

TAPC	Termination Amount per Piece of Collateral	Amount of money to be settled per piece of collateral to terminate the transaction.
TRTE	Termination Transaction Amount	Total amount of money to be settled to terminate the transaction.

NETWORK VALIDATED RULES

The integer part of Amount must contain at least one digit. A decimal comma is mandatory and is included in the maximum length. The number of digits following the comma must not exceed the maximum allowed for the specified currency (Error code(s): C03, T40, T43).

Currency Code must be a valid ISO 4217 currency code (Error code(s): T52).

If Amount is zero, Sign must not be present (Error code(s): T14).

USAGE RULES

Sign is used when the Amount is credited while the practice or the transaction type would normally imply that the Amount should be debited (or vice versa).

60. Field 70C: Narrative: Second Leg Narrative

FORMAT

Option C	:4!c//4*35x	(Qualifier)(Narrative)

PRESENCE

Optional in optional sequence D

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	SECO	N		C	Second Leg Narrative

DEFINITION

This qualified generic field specifies:

SECO	Second Leg Narrative	Provides additional information about the second leg in narrative form.

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

61. Field 16S: End of Block

FORMAT

Option S	16c

PRESENCE

Mandatory in optional sequence D

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92)`:

REPO   Two Leg Transaction Details

62. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in mandatory sequence E

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92)`:

SETDET   Settlement Details

63. Field 22F: Indicator

FORMAT

Option F   :4!c/[8c]/4!c   (Qualifier)(Data Source Scheme)(Indicator)

PRESENCE

Mandatory in mandatory sequence E

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	STCO	R	C15	F	Settlement Transaction Condition Indicator
2	M	SETR	N		F	Type of Settlement Transaction Indicator
3	O	TRCA	N		F	Party Capacity Indicator
4	O	STAM	N		F	Stamp Duty Indicator
5	O	RTGS	N		F	Securities Real-Time Gross Settlement Indicator

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
6	O	REGT	N		F	Registration Indicator
7	O	BENE	N		F	Beneficial Ownership Indicator
8	O	CASY	N		F	Cash Settlement System Indicator
9	O	DBNM	N	C6, C11, C12	F	Settlement Standing Instruction Database Indicator
10	O	TCPI	N		F	Tax Capacity Party Indicator
11	O	MACL	N		F	Market Side Indicator
12	O	FXCX	N	C10	F	Forex Order Cancellation Indicator
13	O	BLOC	N		F	Block Trade Indicator
14	O	REST	N		F	Restrictions Indicator
15	O	SETS	N		F	Settlement System/Method Indicator
16	O	NETT	N		F	Netting Eligibility Indicator
17	O	CCPT	N		F	CCP Eligibility Indicator
18	O	LEOG	N		F	Letter of Guarantee Indicator
19	O	COLA	N		F	Exposure Type Indicator
20	O	TRAK	N		F	Tracking Indicator
21	O	REPT	N		F	Repurchase Type Indicator
22	O	COLE	N		F	Collateral Pool Indicator
23	O	SSBT	N		F	Securities Sub Balance Type Indicator
24	O	CSBT	N		F	Cash Sub Balance Type Indicator

DEFINITION

This qualified generic field specifies:

BENE	Beneficial Ownership Indicator	Specifies whether there is change of beneficial ownership.
BLOC	Block Trade Indicator	Specifies whether the settlement instruction is a block parent or child.
CASY	Cash Settlement System Indicator	Specifies what cash settlement system is instructed to be used.
CCPT	CCP Eligibility Indicator	Specifies whether the settlement transaction is CCP (Central Counterparty) eligible.
COLA	Exposure Type Indicator	Specifies the underlying business area/type of trade causing the collateral movement.
COLE	Collateral Pool Indicator	Specifies whether securities should be included in the pool of securities eligible for collateral purposes.
CSBT	Cash Sub Balance Type Indicator	Specifies the cash sub balance type indicator (example restriction type for a market infrastructure).
DBNM	Settlement Standing Instruction Database Indicator	Specifies what settlement standing instruction database is to be used to derive the settlement parties involved in the transaction.

FXCX	Forex Order Cancellation Indicator	Specifies the action to be taken on the underlying FX.
LEOG	Letter of Guarantee Indicator	Specifies whether physical settlement may be executed using a letter of guarantee or if the physical certificates should be used.
MACL	Market Side Indicator	Specifies whether an instruction is for a market side or a client side transaction.
NETT	Netting Eligibility Indicator	Specifies whether the settlement transaction is eligible for netting.
REGT	Registration Indicator	Specifies whether registration should occur upon receipt.
REPT	Repurchase Type Indicator	Specifies the type of repurchase transaction.
REST	Restrictions Indicator	Specifies the regulatory restrictions applicable to a financial instrument.
RTGS	Securities Real-Time Gross Settlement Indicator	Specifies whether the settlement transaction is to be settled through an RTGS or a non RTGS system.
SETR	Type of Settlement Transaction Indicator	Specifies underlying information regarding the type of settlement transaction.
SETS	Settlement System/Method Indicator	Specifies whether the settlement instruction is to be settled through the default or the alternate settlement system.
SSBT	Securities Sub Balance Type Indicator	Specifies the securities sub balance type indicator (example restriction type for a market infrastructure).
STAM	Stamp Duty Indicator	Specifies the stamp duty type or exemption reason applicable to the settlement instruction.
STCO	Settlement Transaction Condition Indicator	Specifies the conditions under which the order/trade is to be settled.
TCPI	Tax Capacity Party Indicator	Specifies the tax role capacity of the instructing party.
TRAK	Tracking Indicator	Specifies whether the loan and/or collateral is tracked.
TRCA	Party Capacity Indicator	Specifies the role of the party in the transaction.

CODES

If Qualifier is STCO and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

ASGN	Assignment	Transfer of ownership of the asset to another party during the closing of an option.
BPSS	Partial Successful Buy-In	Identification of settlement instructions created as a result of a partial successful buy-in.
BUTC	Buy to Cover	Transaction is a buy to cover.
CLEN	Clean	Tax-exempt financial instruments are to be settled.
DIRT	Dirty	Taxable financial instruments are to be settled.

DLWM	Delivery Without Matching	Matching receipt instruction not required (only for concerned ICSD and CSD).
DRAW	Drawn	Settlement transactions relates to drawn securities.
EXER	Exercised	Settlement transaction relates to options, futures or derivatives that are exercised.
FRCL	Free Clean Settlement	Delivery will be made free of payment but a clean payment order will be sent.
KNOC	Knocked Out	Settlement transaction relates to options, futures or derivatives that are expired worthless.
NACT	Not Accounting Related	Security transaction is not for accounting.
NOMC	No Automatic Market Claim	No market claim should be automatically generated.
NPAR	No Partial Settlement Allowed	Partial settlement is not allowed.
PART	Partial Settlement	Partial settlement is allowed.
PHYS	Physical	Securities are to be physically settled.
RESI	CSD Payment Only	Relates to transaction on a security that is not eligible at the Central Securities Depository (CSD) but for which the payment will be enacted by the CSD.
RHYP	Re-hypothecation	Collateral position is available for other purposes (for example, onwards delivery).
RPTO	Reporting	Relates to a transaction that is for reporting purposes only.
SPDL	Special Delivery	Settlement transactions to be settled with special delivery.
SPST	Split Settlement	Money and financial instruments settle in different locations.
TRAN	Transformation	Transaction resulting from a transformation.
TRIP	Triparty Collateral Segregation	Triparty segregation of collateral, typically requested by an IM to their custodian to comply with a no delivery of collateral regulation.
UNEX	Unexposed	Delivery cannot be performed until money is received.

CODES

If Qualifier is SETR and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

BSBK	Buy Sell Back	Relates to a buy sell back transaction.
BYIY	Buy In	The transaction relates to a buy-in by the market following a delivery transaction failure.
CLAI	Market Claim	Transaction resulting from a market claim.
CNCB	Central Bank Collateral Operation	Relates to a collateral delivery/receipt to a National Central Bank for central bank credit operations.

COLI	Collateral In	Relates to a collateral transaction, from the point of view of the collateral taker or its agent.
COLO	Collateral Out	Relates to a collateral transaction, from the point of view of the collateral giver or its agent.
CONV	DR Conversion	Relates to a depository receipt conversion.
ETFT	Exchange Traded Funds	Relates to an exchange traded fund (ETF) creation or redemption.
FCTA	Factor Update	Relates to a factor update.
INSP	Move of Stock	Relates to a movement of shares into or out of a pooled account.
INTT	Traded Interest Changed	Relates to a cash movement resulting from a change in traded interest pursuant to a coupon rate adjustment.
ISSU	Issuance	Relates to the issuance of a security such as an equity or a depository receipt.
MKDW	Mark-Down	Relates to the decrease of positions held by an ICSD at the common depository due to custody operations (repurchase, pre-release, proceed of corp. event realigned).
MKUP	Mark-Up	Relates to the increase of positions held by an ICSD at the common depository due to custody operations (repurchase, pre-release, proceed of corporate event realigned).
NETT	Netting	Relates to the netting of settlement instructions.
NSYN	Non Syndicated	Relates to the issue of medium and short term paper (CP, CD, MTN, notes ...) under a program and without syndication arrangement.
OWNE	External Account Transfer	Relates to an account transfer involving more than one instructing party (messages sender) and/or account servicer (messages receiver).
OWNI	Internal Account Transfer	Relates to an account transfer involving one instructing party (messages sender) at one account servicer (messages receiver).
PAIR	Pair-Off	Relates to a pair-off: the transaction is paired off and netted against one or more previous transactions.
PLAC	Placement	Relates to the placement/new issue of a financial instrument.
PORT	Portfolio Move	Relates to a portfolio move from one investment manager to another and/or from an account servicer to another. It is generally charged differently than another account transfer (OWNE, OWNI, INSP), hence the need to identify this type of transfer as such.
REAL	Realignment	Relates to a realignment of positions.
REDI	Withdrawal	Relates to the withdrawal of specified amounts from specified sub-accounts.
REDM	Redemption (Funds)	Relates to a redemption of Funds (Funds Industry ONLY).
RELE	DR Release/Cancellation	Relates to a release (into/from local) of Depository Receipt operation.
REPU	Repo	Relates to a repurchase agreement transaction.

RODE	Return of Delivery Without Matching	Relates to the return of financial instruments resulting from a rejected delivery without matching operation.
RVPO	Reverse Repo	Relates to a reverse repurchase agreement transaction.
SBBK	Sell Buy Back	Relates to a sell buy back transaction.
SBRE	Borrowing Realloca-tion	Internal reallocation of a borrowed holding from one safekeeping ac-count to another.
SECB	Securities Borrowing	Relates to a securities borrowing operation.
SECL	Securities Lending	Relates to a securities lending operation.
SLRE	Lending Reallocation	Internal reallocation of a holding on loan from one safekeeping ac-count to another.
SUBS	Subscription (Funds)	Relates to a subscription to funds (Funds Industry ONLY).
SWIF	Switch From	Transaction is a change of an investment from one sub-fund to an-other sub-fund (redemption-leg).
SWIT	Switch To	Transaction is a change of an investment from one sub-fund to an-other sub-fund (subscription-leg).
SYND	Syndicate of Under-writers	Relates to the issue of financial instruments through a syndicate of underwriters and a Lead Manager.
TBAC	TBA Closing	Relates to a To Be Announced (TBA) closing trade.
TRAD	Trade	Relates to the settlement of a trade.
TRPO	Triparty Repo	Relates to a triparty repurchase agreement.
TRVO	Triparty Reverse Re-po	Relates to a triparty reverse repurchase agreement.
TURN	Turnaround	Relates to a turnaround: the same security is bought and sold to set-tle the same day, to or from different brokers.

CODES

If Qualifier is TRCA and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

CUST	Settling as a Custodi-an	Settlement party is a custodian. It receives/delivers the securities and carries out custodial duties.
RISP	Settling as Riskless Principal	Party settles trades that were simultaneously offset.
SAGE	Settling as an Agent	Party settles trades on behalf of his client for which he also traded.
SPRI	Settling as a Principal	Party settles its own trades.

CODES

If Qualifier is RTGS and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| NRTG | Non-RTGS | Settle through the non-RTGS system. If there is a standing instruction in place for settlement through the RTGS instruction, then this standing instruction is to be ignored. |
| YRTG | RTGS | Settle through the RTGS system. If there is a standing instruction in place for settlement through the non-RTGS system, then this standing instruction is to be ignored. |

CODES

If Qualifier is REGT and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| NREG | Street Name | Hold the securities in street name. If there is a standing instruction in place to register on receipt, then this standing instruction is to be ignored. |
| YREG | Register | Register on receipt. If there is a standing instruction in place to hold the securities in street name, then this standing instruction is to be ignored. |

CODES

If Qualifier is BENE and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| NBEN | NCBO | No Change of Beneficial Ownership (NCBO). If a standing instruction is in place for change of beneficial ownership (CBO), then this standing instruction is to be ignored. |
| YBEN | CBO | Change of Beneficial Ownership (CBO). If a standing instruction is in place for no change of beneficial ownership (NCBO), then this standing instruction is to be ignored. |

CODES

If Qualifier is CASY and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

| GROS | Gross Settlement System | Settle money through gross settlement system. |
| NETS | Net Settlement System | Settle money through net settlement system. |

CODES

If Qualifier is DBNM and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

BRKR	Broker	Settlement standing instruction database to be used is the broker's database.
INTE	Internal	Settlement standing instruction database to be used is the receiver's internal database.
VEND	Vendor	Settlement standing instruction database to be used is the database of the vendor.

CODES

If Qualifier is TCPI and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

AGEN	Agent	Acting as an agent for tax liability.
PRIN	Principal	Acting as a principal for tax liability.

CODES

If Qualifier is MACL and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

CLNT	Client Side	Instruction is for a client side transaction.
MAKT	Market Side	Instruction is for a market side transaction.

CODES

If Qualifier is FXCX and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

FXNO	FX not to be Cancelled	Forex instructed in the original instruction is not to be cancelled.
FXYE	FX to be Cancelled	Forex instructed in the original instruction is also to be cancelled.
SINO	SI does not Apply	Forex standing instruction in place does not apply. This instruction is an amendment to a previously cancelled instruction for which the FX order has not been cancelled.

CODES

If Qualifier is BLOC and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

BLCH	Block Trade Child	Transaction is a block trade child.
BLPA	Block Trade Parent	Transaction is a block trade parent.

CODES

If Qualifier is REST and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

144A	Pursuant to 144A	Ownership or transfer of an unregistered security issued, pursuant to US legal restrictions 144A.
NRST	Not Subject to Restrictions	Ownership or transfer of a security that is not subject to restrictions.
RSTR	Subject to Restrictions (not pursuant to 144A)	Ownership or transfer of a security that is subject to restrictions, and not pursuant to 144A.

CODES

If Qualifier is SETS and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

NSET	Default Settlement System/Method	Settle through the default settlement system/method. If there is a standing instruction in place for settlement through the alternate settlement system/method, then this standing instruction is to be ignored.
YSET	Alternate Settlement System/Method	Settle through the alternate settlement system/method. If there is a standing instruction in place for settlement through the default settlement system/method, then this standing instruction is to be ignored.

CODES

If Qualifier is NETT and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

NNET	Not Netting Eligible	Settlement instruction is not eligible for netting.
YNET	Netting Eligible	Settlement instruction is eligible for netting.

CODES

If Qualifier is CCPT and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

NCCP	Not CCP Eligible	Settlement instruction is not CCP eligible.
YCCP	CCP Eligible	Settlement instruction is CCP eligible.

CODES

If Qualifier is LEOG and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

NLEG	Letter of Guarantee Not Accepted	Letter of guarantee is not accepted. If there is a standing instruction in place to accept a letter of guarantee, then this standing instruction is to be ignored.
YLEG	Letter of Guarantee Accepted	Letter of guarantee is accepted. If there is a standing instruction in place not to accept a letter of guarantee, then this standing instruction is to be ignored.

CODES

If Qualifier is COLA and Data Source Scheme is not present, Indicator must contain one of the following codes (Error code(s): K22):

BFWD	Bond Forward	Any securities traded out beyond 3 days which include treasury notes, JGBs and Gilts.
CCIR	Cross Currency IRS	Cross Currency Interest Rate Swap, indicating the exchange of fixed interest payments in one currency for those in another.
CCPC	CCP Collateral	Collateral covering the initial margin requirements for OTC trades cleared through a CCP.
COMM	Commodities	Commodities trades for example futures and options on gold, silver, wheat.
CRDS	Credit Default Swap	Trading of credit default swap.

CRPR	Cross Product	Combination of various types of trades.
CRSP	Credit Support	Cash lending/borrowing; letter of Credit; signing of master agreement.
CRTL	Credit Line	Opening of a credit line before trading.
EQPT	Equity Option	Trading of equity option (Also known as stock options).
EQUS	Equity Swap	Equity swap trades where the return of an equity is exchanged for either a fixed or a floating rate of interest.
EXPT	Exotic Option	Trading of exotic option for example a non-standard option.
EXTD	Exchange Traded Derivatives	Trading of exchanged traded derivatives in general (Opposite to Over the Counter (OTC)).
FIXI	Fixed Income	Trading of fixed income instruments.
FORW	Forward Foreign Exchange	FX trades with a value date in the future.
FORX	Foreign Exchange	FX trades in general.
FUTR	Futures	Related to futures trading activity.
LIQU	Liquidity	In support of settlement via an RTGS or other clearing system.
OPTN	FX Option	Trading of option on Foreign Exchange.
OTCD	OTC Derivatives	Over-the-counter (OTC) Derivatives in general for example contracts which are traded and privately negotiated.
PAYM	Cash Settlement	In support of any type of cash settlement.
REPO	Repurchase Agreement	In support of a repurchase agreement transaction.
RVPO	Reverse Repurchase Agreement	In support of a reverse repurchase agreement transaction.
SBSB	Securities Buy Sell Back	Securities buy sell back.
SCIE	Single Currency IRS Exotic	Exotic single currency interest rate swap.
SCIR	Single Currency IRS	Single Currency Interest Rate Swap.
SCRP	Securities Cross Product	Combination of securities-related exposure types.
SLEB	Securities Lending and Borrowing	Securities lending and borrowing.
SLOA	Secured Loan	Secured loan.
SWPT	Swaption	Option on interest rate swap.
TBAS	To Be Announced	To Be Announced (TBA) related collateral.
TCRP	Treasury Cross Product	Combination of treasury-related exposure types.
UDMS	Uncleared Derivative Margin Segregation	Relates to uncleared derivative margin segregation for variation or initial margin.

CODES

If Qualifier is TRAK and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

TRAC	Tracked	The loan/collateral instruction is tracked.
UNTR	Untracked	The loan/collateral instruction is untracked.

CODES

If Qualifier is REPT and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

CADJ	Swap/Substitution	Relates to a repo collateral substitution.
CALL	Repo Call	Relates to the early closing/maturity date for a term repo or the termination date of an open repo with underlying collateral.
PADJ	Principal/Exposure Adjustment	Change of principal/exposure adjustment.
PAIR	Pair-Off	Relates to a repo that is part of a pair-off.
RATE	Repo Rate	Relates to a change in the repo rate.
ROLP	Repo Contract Rollover	Relates to a repo rollover of a contract extending the closing or maturity date without impacting underlying collateral.
TOPU	Top-Up	Relates to a cover of securities position due to deficit of collateral following mark to market valuation.
WTHD	Withdrawal	Relates to a return of securities position due to excess of collateral following mark to market valuation.

CODES

If Qualifier is COLE and Data Source Scheme is not present, Indicator must contain one of the following codes `(Error code(s): K22)`:

COLA	Eligible for Collateral Purposes	The securities are eligible for collateral purposes.
COLN	Not Eligible for Collateral Purposes	The securities are not eligible for collateral purposes.

CODES

If Qualifier is STAM, the Data Source Scheme must be used to indicate the stamp duty type or exemption reason, for example, in the United Kingdom and Ireland (CRST), in South Africa (STRA), etc.

CODES

If Qualifier is SSBT, the Data Source Scheme must be used to indicate the securities sub balance type.

CODES

If Qualifier is CSBT, the Data Source Scheme must be used to indicate the cash sub balance type.

USAGE RULES

The conditions of the use of the codes for the qualifiers BENE, CASY, CCPT, COLA, COLE, BLOC, DBNM, FXCX, LEOG, NETT, REGT, REPT, RTGS, SETS, STCO, and TRAK must be pre-agreed between account owner and account servicer.

When the code YREG in the registration indicator is present, additional registration details must be specified in the registration details narrative in the Settlement Parties sequence unless already available at the account servicer via standing instruction/SLA.

The cash settlement system codes are to be used only by agents directly involved in the settlement process, such as local settlement agents, CSD's and central banks.

The use of settlement transaction type codes CONV, ISSU, REAL, RELE, NETT, NSYN, MKUP, MKDW, SYND is governed by the existence of a bilateral agreement.

When settlement condition BUTC is used, at least one linkage subsequence A1 must be present with the reference of the sell instruction (may be more than one) to be covered by the concerned buy.

In a cancellation request (field 23G:CANC),:22F::FXCX//FXNO and FXYE indicate whether a forex instructed in the message to be cancelled is also to be cancelled. In a new message (field :23G:NEWM), :22F::FXCX//SINO indicates that a forex standing instruction should NOT apply as an original FX order has been retained.

The modification of a repo or reverse repo instruction, for example, :22F::REPT//RATE must follow the normal cancel and replace settlement process.

For the settlement of two leg transactions (repo, reverse repo, securities lending, securities borrowing, buy sell back, sell buy back), the opening/initiation of the transaction will be instructed by sending the below combination of Message Type (MT) and Type of Settlement Transaction (:22F::SETR):

Two leg transaction	Message Type	Type of Settlement Transaction
Repo opening	543	REPU
Reverse repo opening	541	RVPO
Triparty repo opening	543	TRPO
Triparty reverse repo opening	541	TRVO
Securities lending initiation	543	SECL
Securities borrowing initiation	541	SECB
Sell-buy back: sell	543	SBBK
Buy-sell back: buy	541	BSBK
Collateral (giver) out: initiation	543	COLO
Collateral (taker) in: initiation	541	COLI

If, following market practices, a closing/return leg needs to be instructed, it will be instructed by sending the below combination of Message Type (MT) and Type of Settlement Transaction (:22F::SETR):

Two leg transaction	Message Type	Type of Settlement Transaction
Repo closing	541	REPU
Reverse repo closing	543	RVPO
Triparty repo closing	541	TRPO
Triparty reverse repo closing	543	TRVO
Securities lending return	541	SECL

Two leg transaction	Message Type	Type of Settlement Transaction
Securities borrowing return	543	SECB
Sell-buy back: buy back	541	SBBK
Buy-sell back: sell back	543	BSBK
Collateral (giver) out: return	541	COLO
Collateral (taker) in: return	543	COLI

Note   This is also applicable to MT 540 and 542 for free of payment scenarios.

MARKET PRACTICE RULES

- **Physical settlement:**

  In case of physical receipt at local agent level, the receiving agent must receive a receipt free instruction for reconciliation purposes. If the final beneficiary of the securities uses a global custodian, the receipt free instruction will be sent to the global custodian that will forward it to his receiving agent on the market.

  For physical settlement, settlement condition indicator :22F::STCO//PHYS must be used.

- **Partial settlement:**

  This market practice only applies in markets where partial settlement is allowed.

  If an account owner wants to specify in its original instruction that partial settlement is not allowed, they must use the settlement condition indicator :22F::STCO//NPAR (no partial settlement allowed). Similarly, if a client wants to specify in its original instruction that partial settlement is allowed (for instance, to override a standing instruction not to allow partial settlement), the settlement condition indicator :22F::STCO//PART is to be used.

- **Book Transfer:**

  The use of settlement transaction types :22F::SETR//OWNI, OWNE, INSP and PORT and other book-transfer related fields is governed by a market practice document.

- **Block Trades:**

  The parent transaction must be identified using the indicator field :22F::BLOC//BLPA. The children transactions must be identified using the indicator field :22F::BLOC//BLCH.

For more details, see the relevant market practice document on **www.smpg.info**.

64. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in mandatory subsequence E1

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

SETPRTY   Settlement Parties

65. Field 95a: Party

FORMAT

Option C	:4!c//2!a	(Qualifier)(Country Code)
Option L	:4!c//18!c2!n	(Qualifier)(Legal Entity Identifier)
Option P	:4!c//4!a2!a2!c[3!c]	(Qualifier)(Identifier Code)
Option Q	:4!c//4*35x	(Qualifier)(Name and Address)
Option R	:4!c/8c/34x	(Qualifier)(Data Source Scheme)(Proprietary Code)
Option S	:4!c/[8c]/4!c/2!a/30x	(Qualifier)(Data Source Scheme)(Type of ID)(Country Code)(Alternate ID)

PRESENCE

Mandatory in mandatory subsequence E1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	BUYR	N	C5, C7	P, Q, R	Buyer
	or	DEAG	N	C5, C6	P, Q, R	Delivering Agent
	or	DECU	N	C5, C7	P, Q, R	Deliverer's Custodian
	or	DEI1	N	C5, C7	P, Q, R	Deliverer's Intermediary 1
	or	DEI2	N	C5, C7	P, Q, R	Deliverer's Intermediary 2
	or	PSET	N	C5, C6, C9	C, P, Q	Place of Settlement
	or	REAG	N	C5	P, Q, R	Receiving Agent
	or	RECU	N	C5, C7	P, Q, R	Receiver's Custodian
	or	REI1	N	C5, C7	P, Q, R	Receiver's Intermediary 1
	or	REI2	N	C5, C7	P, Q, R	Receiver's Intermediary 2
	or	SELL	N	C5, C7, C11	P, Q, R	Seller
2	O	ALTE	R	C18	L, S	Alternate Identification

DEFINITION

This qualified generic field specifies:

ALTE	Alternate Identification	Alternate identification for a party.
BUYR	Buyer	Party that receives the financial instrument.

DEAG	Delivering Agent	Delivering party that interacts with the place of settlement.
DECU	Deliverer's Custodian	Party that interacts with the delivering agent unless intermediaries exist.
DEI1	Deliverer's Intermediary 1	Party that interacts with the delivering intermediary 2, if present. If the delivering intermediary 2 is not present, this is the party that interacts with the delivering agent.
DEI2	Deliverer's Intermediary 2	When present, party that interacts with the delivering agent.
PSET	Place of Settlement	Place of Settlement.
REAG	Receiving Agent	Receiving party that interacts with the place of settlement.
RECU	Receiver's Custodian	Party that interacts with the receiving agent unless intermediaries exist.
REI1	Receiver's Intermediary 1	Party that interacts with the receiving intermediary 2, if present. If the receiving intermediary 2 is not present, this is the party that interacts with the receiving agent.
REI2	Receiver's Intermediary 2	When present, party that interacts with the receiving agent.
SELL	Seller	Party that delivers the financial instrument.

CODES

In option S, , if Data Source Scheme is not present, Type of ID must contain one of the following codes `(Error code(s): K95):`

ARNU	Alien Registration Number	Number assigned by a government agency to identify foreign nationals.
CCPT	Passport Number	Number assigned by a passport authority.
CHTY	Tax Exempt Identification Number	Number assigned to a tax exempt entity.
CORP	Corporate Identification	Number assigned to a corporate entity.
DRLC	Driver's Licence Number	Number assigned to a driver's licence.
FIIN	Foreign Investment Identity Number	Number assigned to a foreign investor (other than the alien number).
TXID	Tax Identification Number	Number assigned by a tax authority to an entity.

NETWORK VALIDATED RULES

Country Code must be a valid ISO country code `(Error code(s): T73)`.

Identifier Code must be a registered BIC `(Error code(s): T27, T28, T29, T45)`.

Proprietary code (Format Option R), Alternate ID (Format Option S) and Name and Address (Format Option Q) must not start or end with a slash '/' and must not contain two consecutive slashes '//'. For field formats with more than 1 line, the rule applies for each line `(Error code(s): T26)`.

USAGE RULES

In option R, Proprietary Code specifies a local national code or market segment code identifying the party.

In option C, Country Code specifies in physical settlement transactions the country of settlement. This allows the custodian to direct instructions to a local agent in the country of settlement.

In option S:

- Type of ID specifies the type of alternate identification that can be used to give an alternate identification of the party identified in this sequence.

- Country Code specifies the country for which the alternate identification is relevant.

- Alternate ID specifies an alternate identification of the party identified in this sequence.

Qualifiers used to identify the parties do not specify the business role of the parties but their position in the settlement chain and the relationship which the parties have with one another.

Further explanations and examples are available in the *Category 5 Securities Markets Message Usage Guidelines*.

MARKET PRACTICE RULES

- **10 common elements:**

  SMPG recommends that at least three settlement parties be instructed in equity or fixed income receive free or against payment settlement instructions; the place of settlement, the delivering agent and the client of the delivering agent.

  The data format for the identification of the delivering agent depends on the market. If no country-specific requirement is available, BIC is recommended.

  If the seller is not the direct client of the delivering agent, then an intermediary must also be provided - DECU.

- **Place of settlement:**

  The place of settlement is to be understood as the requested place of settlement of the counterparty. The indicated place of settlement in the message is always relating to the counterparty.

  The field must be populated with the BIC of a national or international CSD. When no CSD exists in a particular market, the stock exchange BIC will be used.

  Country code should be used for settlement taking place outside of an institution published in the PSET's BIC list. This includes physical deliveries and investment funds not settling at a CSD.

  The format and content of the settlement party sequences will comply with the market practices published for the place of settlement included in the message.

For more details, see the relevant market practice document on **www.smpg.info**.

66. Field 97a: Account

FORMAT

Option A	:4!c//35x	(Qualifier)(Account Number)
Option B	:4!c/[8c]/4!c/35x	(Qualifier)(Data Source Scheme)(Account Type Code) (Account Number)
Option D	:4!c/[8c]/140x	(Qualifier)(Data Source Scheme)(Identification of Blockchain or Wallet)

PRESENCE

Optional in mandatory subsequence E1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	BCAW	N	C9	D	Blockchain Address or Wallet
	or	SAFE	N	C9	A, B	Safekeeping Account

DEFINITION

This qualified generic field specifies:

BCAW	Blockchain Address or Wallet	Blockchain address or wallet where digital assets are maintained. This is the equivalent of safekeeping account for digital assets.
SAFE	Safekeeping Account	Account where financial instruments are maintained.

CODES

In option B, the Data Source Scheme must be present and Account Type Code must contain the type of account as defined by the party identified in the Data Source Scheme.

USAGE RULES

In option B, Account Type Code specifies the type of account needed to fully identify the account.

The account provided is the account of the party specified in this sequence.

MARKET PRACTICE RULES

* **Book transfer:**

  In case of own account internal transfer (:22F::SETR//OWNI), own account external transfer (:22F::SETR//OWNE), portfolio transfer (:22F::SETR//PORT) and in specie transfer (:22F::SETR//INSP), the account of the instructing party at the delivering agent must be provided.

For more details, see the relevant market practice document on **www.smpg.info**.

67. Field 98a: Date/Time: Processing Date/Time

FORMAT

Option A	:4!c//8!n	(Qualifier)(Date)
Option C	:4!c//8!n6!n	(Qualifier)(Date)(Time)

PRESENCE

Optional in mandatory subsequence E1

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PROC	N		A, C	Processing Date/Time

DEFINITION

This qualified generic field specifies:

PROC   Processing Date/Time   Date/time at which the instruction was processed by the specified party.

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD `(Error code(s): T50)`.

Time must be a valid time expressed as HHMMSS `(Error code(s): T38)`.

68. Field 20C: Reference: Processing Reference

FORMAT

Option C   :4!c//16x   (Qualifier)(Reference)

PRESENCE

Optional in mandatory subsequence E1

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PROC	N		C	Processing Reference

DEFINITION

This qualified generic field specifies:

PROC   Processing Reference   Reference meaningful to the party identified.

NETWORK VALIDATED RULES

Reference must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26)`.

69. Field 70a: Narrative

FORMAT

Option C   :4!c//4*35x   (Qualifier)(Narrative)

Option D   :4!c//6*35x   (Qualifier)(Narrative)

Option E   :4!c//10*35x   (Qualifier)(Narrative)

PRESENCE

Optional in mandatory subsequence E1

QUALIFIER

```
(Error code(s): T89)
```

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DECL	N		E	Declaration Details
2	O	REGI	N		D	Registration Details
3	O	PACO	N		C	Party Narrative

DEFINITION

This qualified generic field specifies:

DECL	Declaration Details	Provides declaration details narrative relative to the party.
PACO	Party Narrative	Provides additional information regarding the party, for example, the contact unit or person responsible for the transaction identified in the message.
REGI	Registration Details	Provides information required for the registration.

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

MARKET PRACTICE RULES

- **Physical settlement:**

  If registration details of the final beneficiary are needed, those will be mentioned in the concerned (buyer) party sequence in the narrative field with qualifier REGI.

  For more details, see the relevant market practice document on **www.smpg.info**.

70. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in mandatory subsequence E1

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

SETPRTY   Settlement Parties

71. Field 16R: Start of Block

FORMAT

Option R 16c

PRESENCE

Mandatory in optional subsequence E2

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

CSHPRTY Cash Parties

72. Field 95a: Party

FORMAT

Option L	:4!c//18!c2!n	(Qualifier)(Legal Entity Identifier)
Option P	:4!c//4!a2!a2!c[3!c]	(Qualifier)(Identifier Code)
Option Q	:4!c//4*35x	(Qualifier)(Name and Address)
Option R	:4!c/8c/34x	(Qualifier)(Data Source Scheme)(Proprietary Code)
Option S	:4!c/[8c]/4!c/2!a/30x	(Qualifier)(Data Source Scheme)(Type of ID)(Country Code)(Alternate ID)

PRESENCE

Mandatory in optional subsequence E2

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	ACCW	N	C5	P, Q, R	Account With Institution
	or	BENM	N	C5	P, Q, R	Beneficiary of Money
	or	DEBT	N	C5	P, Q, R	Debtor
	or	INTM	N	C5	P, Q, R	Intermediary
	or	PAYE	N	C5	P, Q, R	Paying Institution
2	O	ALTE	R	C18	L, S	Alternate Identification

DEFINITION

This qualified generic field specifies:

ACCW	Account With Institution	Financial institution that services the cash account of the beneficiary customer, if other that the Receiver.
ALTE	Alternate Identification	Alternate identification for a party.
BENM	Beneficiary of Money	Ultimate party to be credited with the money.
DEBT	Debtor	Paying agent ordering customer or debtor.
INTM	Intermediary	Financial institution through which the transaction must pass to reach the account with institution.
PAYE	Paying Institution	Party from whose account the payment needs to be done, if different from the Sender's account.

CODES

In option S, , if Data Source Scheme is not present, Type of ID must contain one of the following codes (`Error code(s): K95`):

ARNU	Alien Registration Number	Number assigned by a government agency to identify foreign nationals.
CCPT	Passport Number	Number assigned by a passport authority.
CHTY	Tax Exempt Identification Number	Number assigned to a tax exempt entity.
CORP	Corporate Identification	Number assigned to a corporate entity.
DRLC	Driver's Licence Number	Number assigned to a driver's licence.
FIIN	Foreign Investment Identity Number	Number assigned to a foreign investor (other than the alien number).
TXID	Tax Identification Number	Number assigned by a tax authority to an entity.

NETWORK VALIDATED RULES

Country Code must be a valid ISO country code (`Error code(s): T73`).

Identifier Code must be a registered BIC (`Error code(s): T27, T28, T29, T45`).

If Qualifier is ACCW, INTM or PAYE, Identifier Code must be a financial institution BIC. This error code applies to all types of BICs referenced in a FIN message including connected BICs, non-connected BICs, Masters, Synonyms, Live destinations and Test & Training destinations (`Error code(s): C05`).

Proprietary code (Format Option R), Alternate ID (Format Option S) and Name and Address (Format Option Q) must not start or end with a slash '/' and must not contain two consecutive slashes '//'. For field formats with more than 1 line, the rule applies for each line (`Error code(s): T26`).

USAGE RULES

In option R, Proprietary Code specifies a local national code or market segment code identifying the party.

In option S:

- Type of ID specifies the type of alternate identification that can be used to give an alternate identification of the party identified in this sequence.

- Country Code specifies the country for which the alternate identification is relevant.

- Alternate ID specifies an alternate identification of the party identified in this sequence.

73. Field 97a: Account

FORMAT

| Option A | :4!c//35x | (Qualifier)(Account Number) |
| Option E | :4!c//34x | (Qualifier)(International Bank Account Number) |

PRESENCE

Optional in optional subsequence E2

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	CASH	N		A, E	Cash Account
2	O	CHAR	N		A, E	Charges Account
3	O	COMM	N		A, E	Commission Account
4	O	TAXE	N		A, E	Tax Account

DEFINITION

This qualified generic field specifies:

CASH	Cash Account	Account in which cash is maintained.
CHAR	Charges Account	Account to be used for charges/fees if different from the account for payment.
COMM	Commission Account	Account to be used for commission if different from the account for payment and which is held by the party specified in this sequence.
TAXE	Tax Account	Account to be used for taxes if different from the account for payment and which is held by the party specified in this sequence.

USAGE RULES

The account provided is the account of the party specified in this sequence.

74. Field 70a: Narrative

FORMAT

| Option C | :4!c//4*35x | (Qualifier)(Narrative) |
| Option E | :4!c//10*35x | (Qualifier)(Narrative) |

PRESENCE

Optional in optional subsequence E2

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DECL	N		E	Declaration Details
2	O	PACO	N		C	Party Narrative

DEFINITION

This qualified generic field specifies:

DECL	Declaration Details	Provides declaration details narrative relative to the party.
PACO	Party Narrative	Provides additional information regarding the party, for example, the contact unit or person responsible for the transaction identified in the message.

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

75. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in optional subsequence E2

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92)`:

CSHPRTY   Cash Parties

76. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in mandatory subsequence E3

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92):`

AMT   Amounts

77. Field 17B: Flag

FORMAT

Option B   :4!c//1!a   (Qualifier)(Flag)

PRESENCE

Optional in mandatory subsequence E3

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	ACRU	N		B	Accrued Interest Flag
2	O	STAM	N		B	Stamp Duty Flag
3	O	EXEC	N		B	Brokerage Amount Flag
4	O	RSCH	N		B	Research Fee Flag

DEFINITION

This qualified generic field specifies:

ACRU   Accrued Interest Flag   Indicates whether the net proceeds include interest accrued on the financial instrument.

EXEC   Brokerage Amount Flag   Indicates whether the net proceeds include brokerage fees for the transaction.

RSCH   Research Fee Flag   Indicates whether the net proceeds include research fees for the transaction.

STAM   Stamp Duty Flag   Indicates whether the net proceeds include stamp duty for the transaction.

CODES

Flag must contain one of the following codes `(Error code(s): K17):`

N   No   No.

Y   Yes   Yes.

USAGE RULES

Flag is only to be used in a subsequence E3 with settlement amount field 19A::SETT//[N]3!a15d as it in-dicates whether the concerned settlement amount includes the accrued interest and/or the stamp duty amount and/or the brokerage amount and/or the research fee amount.

78. Field 19A: Amount

FORMAT

Option A	:4!c//[N]3!a15d	(Qualifier)(Sign)(Currency Code)(Amount)

PRESENCE

Mandatory in mandatory subsequence E3

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	ACRU	N	C1	A	Accrued Interest Amount
	or	CHAR	N	C1	A	Charges/Fees
	or	COUN	N	C1	A	Country, National, Federal Tax
	or	DEAL	N	C1	A	Trade Amount
	or	EXEC	N	C1	A	Executing Broker's Amount
	or	ISDI	N	C1	A	Issue Discount/Allowance
	or	LADT	N	C1	A	Local Tax (Country specific 1)
	or	LEVY	N	C1	A	Payment Levy Tax
	or	LOCL	N	C1	A	Local Tax
	or	LOCO	N	C1	A	Local Broker's Commission
	or	MARG	N	C1	A	Margin
	or	OTHR	N	C1	A	Other Amount
	or	REGF	N	C1	A	Regulatory Amount
	or	SETT	N	C1, C2, C15	A	Settlement Amount
	or	SHIP	N	C1	A	Shipping Amount
	or	SPCN	N	C1	A	Special Concessions Amount
	or	STAM	N	C1	A	Stamp Duty
	or	STEX	N	C1	A	Stock Exchange Tax
	or	TRAN	N	C1	A	Transfer Tax
	or	TRAX	N	C1	A	Transaction Tax
	or	VATA	N	C1	A	Value-Added Tax
	or	WITH	N	C1	A	Withholding Tax
	or	ANTO	N	C1	A	Net Gain/Loss Amount

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
	or	COAX	N	C1	A	Consumption Tax
	or	ACCA	N	C1	A	Accrued Capitalisation
	or	RSCH	N	C1	A	Research Fee
2	O	RESU	N	C4	A	Resulting Amount
3	O	OCMT	N		A	Original Currency and Ordered Amount

DEFINITION

This qualified generic field specifies:

ACCA	Accrued Capitalisation	Amount of unpaid interest (on interest bearing instruments which have defaulted and have subsequently restructured), which is capitalised and added to the original principal amount.
ACRU	Accrued Interest Amount	Amount of interest that has been accrued in between coupon payment periods.
ANTO	Net Gain/Loss Amount	Total net trade amount of all the trade transactions.
CHAR	Charges/Fees	Amount of money paid for the provision of financial services that cannot be categorised by another qualifier.
COAX	Consumption Tax	Amount of consumption tax.
COUN	Country, National, Federal Tax	Amount of country, national or federal tax charged by the jurisdiction in which the account servicer is located.
DEAL	Trade Amount	Principal amount of a trade (price multiplied by quantity).
EXEC	Executing Broker's Amount	Amount of money paid to an executing broker as a commission.
ISDI	Issue Discount/Allowance	Amount of money defined as a discount on a new issue or on a tranche of an existing issue.
LADT	Local Tax (Country specific 1)	Local tax as defined by the country in its market practice.
LEVY	Payment Levy Tax	Amount of payment levy tax.
LOCL	Local Tax	Amount of tax charged by the jurisdiction in which the financial instrument settles.
LOCO	Local Broker's Commission	Amount of commission paid to a local broker.
MARG	Margin	Amount of money deposited by the trading party in a margin account.
OCMT	Original Currency and Ordered Amount	Posting/settlement amount in its original currency when conversion from/into another currency has occurred.
OTHR	Other Amount	Amount of money that cannot be categorised.
REGF	Regulatory Amount	Amount of money charged by a regulatory authority, for example, Securities and Exchange fees.
RESU	Resulting Amount	Amount of money that results from a foreign exchange conversion.

RSCH	Research Fee	Charge or commission paid by the investor to a distributor/intermediary or other service provider for the provision of financial research.
SETT	Settlement Amount	Total amount of money to be paid or received in exchange for the financial instrument.
SHIP	Shipping Amount	All costs related to the physical delivery of documents such as stamps, postage, carrier fees, insurances or messenger services.
SPCN	Special Concessions Amount	Amount of drawdown or other reduction from or in addition to the deal price.
STAM	Stamp Duty	Amount of stamp duty.
STEX	Stock Exchange Tax	Amount of stock exchange tax.
TRAN	Transfer Tax	Amount of tax levied on a transfer of ownership of financial instrument.
TRAX	Transaction Tax	Amount of transaction tax.
VATA	Value-Added Tax	Amount of value added tax.
WITH	Withholding Tax	Amount of money that will be withheld by a tax authority.

NETWORK VALIDATED RULES

The integer part of Amount must contain at least one digit. A decimal comma is mandatory and is included in the maximum length. The number of digits following the comma must not exceed the maximum allowed for the specified currency (Error code(s): C03, T40, T43).

Currency Code must be a valid ISO 4217 currency code (Error code(s): T52).

If Amount is zero, Sign must not be present (Error code(s): T14).

USAGE RULES

Sign is used when the Amount is credited while the practice or the transaction type would normally imply that the Amount should be debited (or vice versa).

EXAMPLES

When a trade is in one currency, for example in COP, and settlement in another currency, for example in USD, if there is a need to provide the countervalue amount in COP of the settlement amount in USD, RESU will be used as follows:

```
:16R:AMT
:19A::DEAL//COP1000, (deal amount)
:16S:AMT
:16R:AMT
:19A::SETT//USD500,45 (settlement amount in USD)
:19A::RESU//COP1002,45 (countervalue of the settlement amount in COP)
:92B::EXCH//USD/COP/2.01 (1,00 USD = 2.01 COP)
:16S:AMT
```

79. Field 98a: Date/Time: Value Date/Time

FORMAT

Option A	:4!c//8!n	(Qualifier)(Date)
Option C	:4!c//8!n6!n	(Qualifier)(Date)(Time)

PRESENCE

Optional in mandatory subsequence E3

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	VALU	N	C15	A, C	Value Date/Time

DEFINITION

This qualified generic field specifies:

VALU	Value Date/Time	Date/time at which cash becomes available to the account owner (in a credit entry), or cease to be available to the account owner (in a debit entry).

NETWORK VALIDATED RULES

Date must be a valid date expressed as YYYYMMDD `(Error code(s): T50).`

Time must be a valid time expressed as HHMMSS `(Error code(s): T38).`

80. Field 92B: Rate: Exchange Rate

FORMAT

Option B	:4!c//3!a/3!a/15d	(Qualifier)(First Currency Code)(Second Currency Code)(Rate)

PRESENCE

Optional in mandatory subsequence E3

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	EXCH	N	C4	B	Exchange Rate

DEFINITION

This qualified generic field specifies:

EXCH	Exchange Rate	Exchange rate between the amount and the resulting amount.

NETWORK VALIDATED RULES

The integer part of Rate must contain at least one digit. A decimal comma is mandatory and is included in the maximum length `(Error code(s): T40, T43).`

First Currency Code and Second Currency Code must be a valid ISO 4217 currency code `(Error code(s): T52).`

USAGE RULES

The order of the two currencies specified here is independent of the currencies in the amount and resulting amount fields. Therefore the exchange rate can be expressed as a reciprocal if required.

For the calculation of the rate itself, the First Currency Code will be the base currency and the Second Currency Code will be the quoted currency. (1,00 of First Currency Code = [Rate] of Second Currency Code).

EXAMPLES

The exchange rate between US Dollars and Pounds Sterling can be shown as:

```
:92B::EXCH//GBP/USD/1,619 (1,00 GBP = 1,619 USD)
```

or as

```
:92B::EXCH//USD/GBP/0,618 (1,00 USD = 0,618 GBP)
```

81. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in mandatory subsequence E3

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (`Error code(s): T92`):

AMT   Amounts

82. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in mandatory sequence E

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code (`Error code(s): T92`):

SETDET   Settlement Details

83. Field 16R: Start of Block

FORMAT

Option R   16c

PRESENCE

Mandatory in optional sequence F

DEFINITION

This field specifies the start of a block and the name of that block.

CODES

This field must contain the following code (Error code(s): T92):

OTHRPRTY   Other Parties

84. Field 95a: Party

FORMAT

Option C	:4!c//2!a	(Qualifier)(Country Code)
Option L	:4!c//18!c2!n	(Qualifier)(Legal Entity Identifier)
Option P	:4!c//4!a2!a2!c[3!c]	(Qualifier)(Identifier Code)
Option Q	:4!c//4*35x	(Qualifier)(Name and Address)
Option R	:4!c/8c/34x	(Qualifier)(Data Source Scheme)(Proprietary Code)
Option S	:4!c/[8c]/4!c/2!a/30x	(Qualifier)(Data Source Scheme)(Type of ID)(Country Code)(Alternate ID)

PRESENCE

Mandatory in optional sequence F

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	M	EXCH	N	C5, C16	P, Q, R	Stock Exchange
	or	MEOR	N	C5, C19	P, Q, R	Originator of Message
	or	MERE	N	C5, C19	P, Q, R	Recipient of Message
	or	TRRE	N	C5, C16	P, Q, R	Trade Regulator
	or	INVE	R		C, P, Q, R	Investor
	or	VEND	N	C5, C12	P, Q, R	Vendor
	or	TRAG	N	C5	P, Q, R	Triparty Agent
	or	BRKR	N	C5	P, Q, R	Broker

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
2	O	ALTE	R	C18, C19	L, S	Alternate Identification

DEFINITION

This qualified generic field specifies:

ALTE	Alternate Identification	Alternate identification for a party.
BRKR	Broker	Party that identifies a broker when required (for example, authorized broker, prime broker, etc.).
EXCH	Stock Exchange	Party that identifies the stock exchange.
INVE	Investor	Instructing party, either an individual or organisation, whose assets are being invested.
MEOR	Originator of Message	Party that originated the message, if other than the Sender.
MERE	Recipient of Message	Party that is the final destination of the message, if other than the Receiver.
TRAG	Triparty Agent	Party that handles tri-party transactions.
TRRE	Trade Regulator	Party that identifies the trade regulator.
VEND	Vendor	Vendor of the Settlement Standing Instruction database requested to be consulted through sequence E field :22F::DBNM//VEND.

CODES

In option S, , if Data Source Scheme is not present, Type of ID must contain one of the following codes (Error code(s): K95):

ARNU	Alien Registration Number	Number assigned by a government agency to identify foreign nationals.
CCPT	Passport Number	Number assigned by a passport authority.
CHTY	Tax Exempt Identification Number	Number assigned to a tax exempt entity.
CORP	Corporate Identification	Number assigned to a corporate entity.
DRLC	Driver's Licence Number	Number assigned to a driver's licence.
FIIN	Foreign Investment Identity Number	Number assigned to a foreign investor (other than the alien number).
TXID	Tax Identification Number	Number assigned by a tax authority to an entity.

NETWORK VALIDATED RULES

Country Code must be a valid ISO country code (Error code(s): T73).

Identifier Code must be a registered BIC (Error code(s): T27, T28, T29, T45).

Proprietary code (Format Option R), Alternate ID (Format Option S) and Name and Address (Format Option Q) must not start or end with a slash '/' and must not contain two consecutive slashes '//'. For field formats with more than 1 line, the rule applies for each line `(Error code(s): T26)`.

USAGE RULES

In option R, Proprietary Code specifies a local national code or market segment code identifying the party.

In option S:

- Type of ID specifies the type of alternate identification that can be used to give an alternate identification of the party identified in this sequence.

- Country Code specifies the country for which the alternate identification is relevant.

- Alternate ID specifies an alternate identification of the party identified in this sequence.

The qualifier INVE is to be used only when the investor cannot be a trade counterparty for legal reasons, for example, in Japan where the trust bank arranges the deal with the broker.

When INVE is used with option C, the country code specifies the nationality of the investor, for the settlement of certain securities (that is airlines, defence manufacturers) under the EU legislation.

EXAMPLES

Repetition of Investor (INVE) could be as follows:

`:95Q::INVE//Mr. Smith`

`:95C::INVE//US`

Mr. Smith is the investor and declares to be a US citizen.

85. Field 97a: Account

FORMAT

Option A	:4!c//35x	(Qualifier)(Account Number)
Option D	:4!c/[8c]/140x	(Qualifier)(Data Source Scheme)(Identification of Blockchain or Wallet)

PRESENCE

Conditional (see rule C16) in optional sequence F

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	BCAW	N		D	Blockchain Address or Wallet
	or	SAFE	N		A	Safekeeping Account

DEFINITION

This qualified generic field specifies:

BCAW	Blockchain Address or Wallet	Blockchain address or wallet where digital assets are maintained. This is the equivalent of safekeeping account for digital assets.
SAFE	Safekeeping Account	Account where financial instruments are maintained.

USAGE RULES

The account provided is the account of the party specified in this sequence.

86. Field 70a: Narrative

FORMAT

Option C	:4!c//4*35x	(Qualifier)(Narrative)
Option D	:4!c//6*35x	(Qualifier)(Narrative)
Option E	:4!c//10*35x	(Qualifier)(Narrative)

PRESENCE

Optional in optional sequence F

QUALIFIER

(Error code(s): T89)

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	DECL	N		E	Declaration Details
2	O	REGI	N		D	Registration Details
3	O	PACO	N		C	Party Narrative

DEFINITION

This qualified generic field specifies:

DECL	Declaration Details	Provides declaration details narrative relative to the party.
PACO	Party Narrative	Provides additional information regarding the party, for example, the contact unit or person responsible for the transaction identified in the message.
REGI	Registration Details	Provides information required for the registration.

USAGE RULES

Unless bilaterally agreed between the Sender and Receiver, narrative field 70a must not contain information that can be provided in a structured field.

87. Field 20C: Reference: Processing Reference

FORMAT

Option C	:4!c//16x	(Qualifier)(Reference)

PRESENCE

Optional in optional sequence F

QUALIFIER

`(Error code(s): T89)`

Order	M/O	Qualifier	R/N	CR	Options	Qualifier Description
1	O	PROC	N		C	Processing Reference

DEFINITION

This qualified generic field specifies:

PROC   Processing Reference   Reference meaningful to the party identified.

NETWORK VALIDATED RULES

Reference must not start or end with a slash '/' and must not contain two consecutive slashes '//' `(Error code(s): T26).`

88. Field 16S: End of Block

FORMAT

Option S   16c

PRESENCE

Mandatory in optional sequence F

DEFINITION

This field specifies the end of a block and the name of that block.

CODES

This field must contain the following code `(Error code(s): T92):`

OTHRPRTY   Other Parties

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