International Standard ISO 7775/2

Securities — Scheme for message types — Part 2: Order to buy/sell

Valeurs mobilières — Structure des types de messages — Partie 2: Ordre d'achat/de vente

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7775/2 was prepared by Technical Committee ISO/TC 68, *Banking*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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Securities — Scheme for message types — Part 2: Order to buy/sell

0 Introduction

ISO 7775/1 deals with instructions for receipt and delivery of securities and related messages. This part of ISO 7775 deals with orders to buy and sell and the respective confirmations and advices. At present orders are mostly transmitted by phone or telex and the confirmations and advices by telex or by forms. Standardized message types and formats would however facilitate cross-border transactions in particular with respect to the growing use of telecommunication from computer to computer.

1 Scope and field of application

This part of ISO 7775 describes message types [i.e. orders to buy and sell and the respective confirmations and advices (see clause 3)] for use in cross-border transactions, by all the institutions professionally engaged in the securities business, in particular banks and brokers, and supranational securities clearing institutions.

The message types defined in ISO 7775 are instructions which are generally used in writing, and transmitted either by forms, telex, or by data telecommunication. ISO 7775 applies to every one of these uses. However the conventions for the format of message fields described in clause 7 are limited to data telecommunication. There are additional requirements to be met in the cases of telex and data telecommunication messages, which relate to the transmission systems, but these requirements are not dealt with in ISO 7775.

ISO 7775 deals with single messages only. In practice there are often several individual messages grouped in one transmission. The method of grouping may be defined by the parties concerned. However, the text of the individual messages contained in the transmission should be in accordance with ISO 7775.

2 References

ISO 2014, *Writing of calendar dates in all numeric form.*

ISO 3166, *Codes for the representation of names of countries.*

ISO 4217, *Codes for the representation of currencies and funds.*

ISO 6166, *Securities — International securities identification numbering system (ISIN).*

3 Definitions

For the purpose of this part of ISO 7775 the following definitions apply.

3.1 message: A communication from a sender to a receiver containing a set of elements pertaining to a securities transaction.

3.2 Message types (MT)

3.2.1 order to buy: An instruction sent by the client, or his authorized representative, to buy a given quantity of an identified security under specified conditions.

NOTE — When settlement instructions are not given, standing instructions for delivery and payment apply. This message normally is the first one in a chain of events, therefore no facility is provided for referring to another message or transaction.

3.2.2 order to sell: An instruction sent by the client, or his authorized representative, to sell a given quantity of an identified security under specified conditions.

NOTE — When settlement instructions are not given, standing instructions for delivery and payment apply. This message normally is the first one in a chain of events, therefore no facility is provided for referring to another message or transaction.

3.2.3 confirmation of purchase or sale: Confirmation sent by the executing party providing for the accounting in detail for the securities as well as the payment side of the deal.

NOTE — Whether it is a purchase or sale is specified by a code in field 023 "Further identification". When an order to buy or an order to sell is executed in several parts, normally one confirmation of purchase or sale is to be sent for each day of execution, and within that day, for each deal price if all other details to be specified are identical.

3.2.4 advice of execution: A report sent by the executing party to give brief and early information about a securities deal.

NOTE — Whether it is a purchase or sale is specified by a code in field 023 "Further identification". To convey complete details when available, a confirmation of purchase or sale (MT 510) is used.

3.2.5 request for amendment message: A message used to modify a previous message.

NOTE — It is not permitted to change the contents of fields 35A "Quantity of securities", 35B "Identification of securities" and field 35E/35F "Certificate or serial number(s)" or to change more than one field of the original message using the amendment message (MT 578). In those cases the original message should be cancelled and re-issued. The quantity and identification of securities of the original message should be repeated unless the original message was of a type making such information irrelevant, for example statements. If the message to be amended included fields 023 "Further identification", 35A "Quantity of securities" and 35B "Identification of securities" these should also be included unchanged in the request for amendment. The request for amendment message is subject to acceptance by the receiver. The receiver should promptly inform the sender if the request is not accepted. For complete cancellation the cancellation message (MT 592) should be used.

3.2.6 request for cancellation message: A message used to cancel a previous message.

NOTE — The quantity and identification of securities of the original message should be repeated unless the original message was of a type making such information irrelevant, for example statements. A request for cancellation message is subject to acceptance by the receiver. The receiver should promptly inform the sender if the request is not accepted.

3.2.7 query message: A message used to request further particulars about a previous message.

3.2.8 reply message: A reply to a request for amendment message, or to a request for cancellation message or to a query message.

3.3 Miscellaneous definitions

3.3.1 field code: A code used in place of the name of the field and independent of the language.

NOTE — It is always a three character code. The characters can be two figures and a leading zero or two figures and one capital letter in the third position. The presence of a small letter means that different options exist in using that code which are described in clause 7. A small "s" is used to indicate that different formats ("A" to "F") exist for one field.

3.3.2 format: An item that describes the limitations in the use of fields.

Scheme
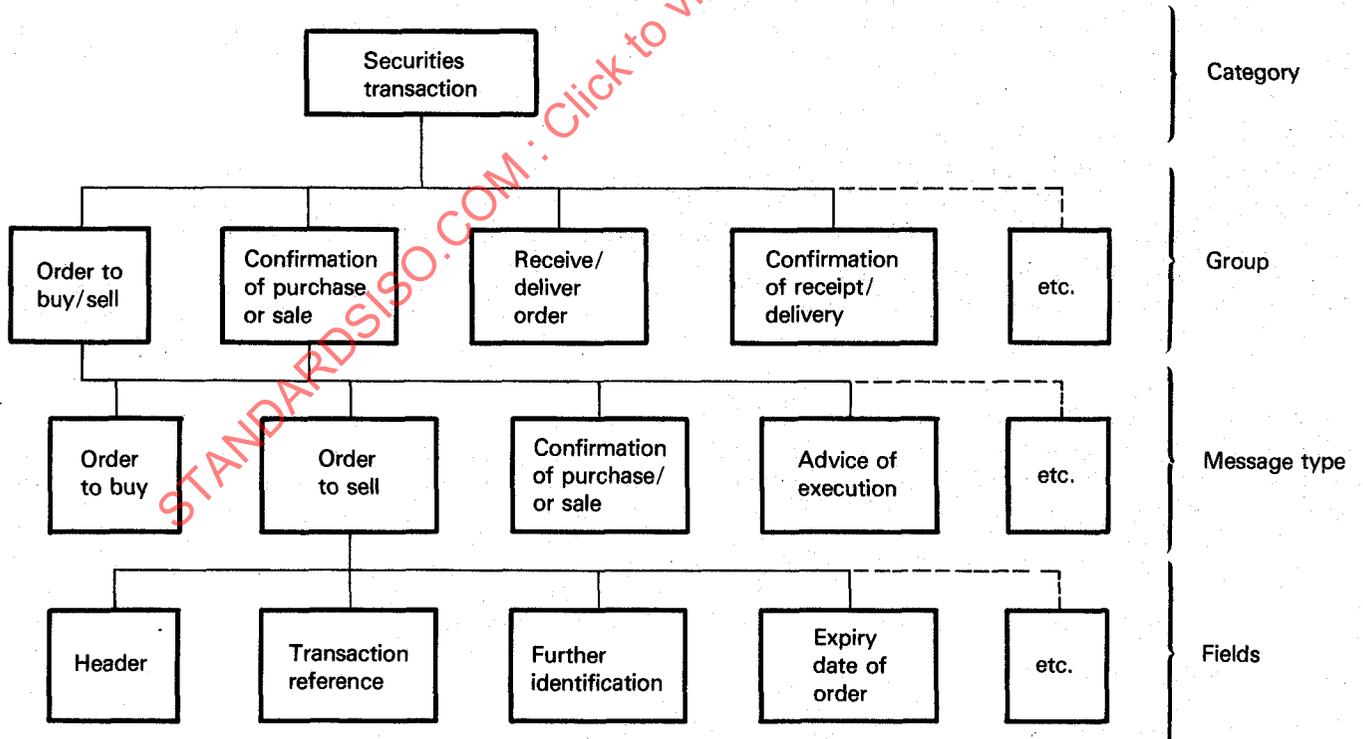
4   Structure of the codes of message types

The message types will be identified by a three-figure number which is structured in the following way:

Code:
     y - - = category
     y x - = group
     y x n = type

4.1   Category

x = ...
5 = securities
x = ...

4.2   Group

0 = Order to buy/sell

1 = Confirmation of purchase or sale

2 = Receive and deliver orders

3 = Confirmation/advice of receipt/delivery

4 = Reserved for future definition

5 = Reserved for future definition

6 = Reserved for future definition

7 = Miscellaneous

8 = Reserved for future definition

9 = Miscellaneous

Organizations wishing to use codes 4, 5, 6 and 8 shall apply to the ISO technical body responsible for ISO 7775.

4.3   Message types

50n: Order to buy/sell

500   Order to buy

501   Order to sell

51n: Confirmation of purchase or sale

510   Confirmation of purchase or sale

519   Advice of execution

57n/59n: Miscellaneous[1]

578   Request for amendment

592   Request for cancellation

595   Query

596   Reply

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1)   Included for information only. The messages are the same as in ISO 7775/1.

5 Conventions for the format of standardized message text

5.1 Character representation

Characters used in a field can be any of the characters defined in International Standards except communication control or field separator codes.

n: digits

a: letters

á: letters and digits

x: any character of the permitted character set including blanks

d: represents a numeric value which always takes the same form. The integer part shall contain at least one digit. The fractional part may be omitted but the decimal comma shall remain. The decimal comma may be preceded by a zero (0). Neither blank spaces nor any other symbols shall be permitted.

b: represents a blank space

5.2 Length indications

nn: fixed length

nn: maximum length

nn * nn: maximum number of subfields (= lines) times maximum subfield length

nn − nn: minimum and maximum length

nn,nn: the length includes the decimal comma

5.3 Subfield delimitations

In the specification of a particular field format, optional subfields appear in brackets.

5.4 Address representation

The first position of the account number line shall be a "/".

The addresses shall be represented in one of the six following ways:

A — Account number line and system related identifier   [/34x]
                                                                        16x

B — Account number line and branch identification   [/34x]
                                                                        35x

C — Account number line only   (/34x

D — Account number line and postal address   [/34x]
   — name/street   4 * 35x
   — postal code
   — city/state/country

E — Code FREE or APMT and account number line   4a
    and system related identifier   [/34x]
                                                            16x

F — Code FREE or APMT and account number line and postal address   4a
   — name/street   [/34x]
   — postal code   4 * 35x
   — city/state/country

5.5 Certificate or serial number(s)

These shall be presented according to either option E or F:

E = 6 * 50x
F = 35 * 50x

5.6 Representation of currencies and countries

When currencies and countries are specified in messages, the 3-letter alphabetic currency code (ISO 4217) shall be used for currencies and the alpha-2 country code (ISO 3166) for countries.

6 Table of fields

Field code	Field description	For details, see
—	Header	7.1
011	Message type and date of original message	7.2
020	Transaction reference	7.3
021	Related transaction reference	7.4
023	Further identification	7.5
030	Expiry date of order/Settlement date	7.6
31P	Date and place of execution	7.7
32B	Settlement amount	7.8
32M	Deal amount	7.9
32S	Date and striking price	7.10
32L	Price limit	7.11
33S	Special concessions	7.12
33T	Deal price	7.13
34i	Accrued interest	7.14
34r	Net proceeds	7.15
35n	Specification of securities (Quantity, identification, next coupon)	7.16
35E	Certificate or serial number(s)	7.17
036	Exchange rate	7.18
52s	Instructing party	7.19
59s	Beneficiary of money	7.20
71B	Own charges	7.21
71C	Other charges	7.22
71D	Account(s) for charges	7.23
072	Information to receiver of message	7.24
074	Amendment	7.25
075	Query	7.26
076	Answer	7.27
83s	Account for payment	7.28
84s	Receiver/Deliverer of securities	7.29
85s	Beneficiary of securities	7.30
—	Trailer	7.31

7 Description of fields

	Field code	Narrative	Format

7.1 — **Header**
The header is dependent on the transmission system and shall identify at least the sender, the receiver, the date of the message and the message type. Additionally, on a bilateral basis a test key may be used as a security feature. The header immediately precedes the message text.

7.2 011 **Message type and date of original message** — 3n / 6n
This field identifies on its first line the three figure message type (5xn) of the message that is being amended/cancelled or to which a query exists and gives on its second line the date on which that message was sent.

7.3 020 **Transaction reference** — 16x
This field gives an identifier of a transaction assigned by the sender.

	Field code	Narrative	Format
7.4	021	**Related transaction reference**	16x

This field is used to connect a message with other parts of a transaction i.e. in responding to an incoming message the contents of field 020 of that message should be given.

7.5	023	**Further identification**	16x

The content of this field depends on the kind of instruction:

a) In an order to buy/sell this field is to specify special types of deals when relevant. The following code words may be used:

FORWARD: Executed or to be executed for settlement at a future defined date in accordance with the practices of that stock exchange or market.

OPTION: The right to buy or sell within a stated period at a predetermined price. This code may be followed by the qualification NON or NEG for non-negotiable or negotiable options respectively, for example OPTIONNON.

PREMIUM: The right to buy a security according to a schedule of dates and prices.

REGULAR: Executed or to be executed in accordance with the normal practices of that particular stock exchange or market.

SPOT: Executed or to be executed for immediate settlement in accordance with the practices of that particular stock exchange or market.

STELLAGE: The right to buy or to sell within a stated period at a predetermined price and an obligation to execute one of the alternatives.

b) In an advice/confirmation of an order to buy/sell this field will carry a code for the type of deal, BOUGHT or SOLD. Additionally, after a slash, one of the code words of a) may be used.

7.6	030	In MT 500/501: **Expiry date of order**	6n

This field specifies the date up to and including which the order is valid. The absence of this field means that local practice of the receiver applies unless instructions are given in field 072 "Information to receiver of message".

In MT 510: **Settlement date**
This field gives the date on which securities or funds are to be exchanged.

7.7	31P	**Date and place of trade**	6n [29x]

This field specifies the day on which the deal was agreed. The place, when given, should identify the stock exchange or other market where the deal was agreed.

7.8	32B	**Settlement amount**	3a 15d

This field consists of the currency code and total amount of money to be paid or received in exchange for the securities.

7.9	32M	**Deal amount**	3a 15d

This field specifies the deal price multiplied by the quantity of securities.

7.10	32S	**Date and striking price**	6n 3a 12d

This field shall only be used for option and premium deals. The price at which the security can be purchased and sold at or before expiration and the currency code will go into this field and the price limit into field 32L "Price limit".

The last day on which the option can be exercised is specified in the first sub-field. In a confirmation/advice this field should give the actual striking price and shall be used whether or not that price is different from the striking price given in the order to buy or sell.

	Field code	Narrative	Format

7.11   32L   **Price limit**   [3a 15d]
[35x]

This field specifies a price limitation for the order. It contains the currency code and the price or the percentage price. In the case of percentage price use PCT instead of currency code. In cases where the price is based on the amount of revenue, use the code RTE instead of currency code. Fractions such as 3/16 shall be expressed in decimal form i.e. 0,1875. Up to six figures are allowed after the mandatory decimal comma.

In an additional line further qualifications such as "stop loss" or "at market" can be given. When no price is given use only the second line to give instructions for execution such as "at market".

7.12   33S   **Special concessions**   3a 15d

This field specifies the currency and the amount of commission, draw down or other reduction from the deal price. When specified as a percentage give PCT as the currency code and state the percentage in decimal form.

7.13   33T   **Deal price**   3a 15d

This field contains the currency code and the price or the percentage price of the deal. In the case of percentage price use PCT instead of the currency code. In cases where the price is based on the amount of revenue, use the code RTE instead of the currency code.

7.14   34i   **Accrued interest**   [3n]
3a 15d

This field specifies the number of days, when needed, the currency code and amount of accrued interest, for example in the case of bonds. Option G means the amount has to be added, option H means the amount has to be deducted to/from the deal amount.

7.15   34r   **Net proceeds**

This field specifies the total amount credited/debited to account.

Option A = means value date, currency code and amount   6n 3a 15d
Option B = means currency code and amount   3a 15d

The amount is computed with

settlement amount + / − all charges = net proceeds.

7.16   35n   **Specification of securities**

The specification of securities is given by four definitions of "n"

n = A = quantity of securities
n = B = identification of securities
n = C = next coupon (number)
n = D = next coupon (due date)

7.16.1   35A   **Quantity of securities**   3a 15d

This field gives the specification of securities and their quantity.
The specification of the securities is carried out by using one of the following codes:

FMT — Face or principal or nominal amount
OPC — Option contracts
OPS — Options shares
PRC — Premium contracts
PRS — Premium shares
SHS — Shares
UNT — Units, for example consisting of a bond and a warrant
RTS — Rights
WTS — Warrants
BON — Bonds (when not traded by face amount)
MSC — Miscellaneous

	Field code	Narrative	Format

7.16.2   35B   **Identification of securities**   [ISIN 1b 12a]

This field gives the identification of securities by the International Securities Identification Number (ISIN), if any, and by a description. There shall be one blank character between "ISIN" and the number. The number shall be given without separator characters. The field shall also contain a description of the securities. When the currency is specified in this field, the ISO Currency Code between slashes "/" shall be given as the first information in the first line after the ISIN.   4 * 35x

In cases such as stellage, options or units, all relevant details should be given. Characteristics of securities, such as bearer or registered, shall also be specified.

7.16.3   35C   **Next coupon (number)**   3a

This field specifies the number of the next coupon due.
The use of this field implies that all subsequent coupons, if any, are attached. When the coupon number consists of less than three figures, insert leading zeros to the fixed length of the three figures.

7.16.4   35D   **Next coupon (due date)**   6n

This field specifies the due date of the next coupon.
The use of this field implies that all subsequent coupons, if any, are attached.

7.17   35E   **Certificate or serial number(s)**   6 * 50x

Rules for the specification of the certificate and serial numbers will form the subject of a future International Standard.

For the interim period users are welcome to retain their current way of presentation within the given format. It should be made clear which kind of number(s) is (are) indicated.

7.18   036   **Exchange rate**   12d

This field specifies the exchange rate between the currencies of deal amount and settlement amount or net proceeds. The mandatory decimal comma may appear in any position except the first.

7.19   52s   **Instructing party**   ACD

This field identifies the initiator of the transaction, different from the sender of the instruction, or identifies the safe keeping account used.

If the instruction concerns a transaction in a sub-account of a sub-account of an account, the field could be used as follows:

     52s: Bank of Montreal, Montreal
          Sub-account Bank of Montreal, Toronto
          Sub-account, ABC, Canada.

7.20   59s   **Beneficiary of money**   D

This field specifies the party to whom title to the funds is to be transferred, i.e. normally in the chain of involved parties, the last party specified.

7.21   71B   **Own charges**   6 * 35x

The sender's own charges can be specified by the following codes:

     /BROK/ Brokerage
     /CHGS/ Charges
     /COMM/ Commission
     /FEES/ Fees
     /POST/ Postage
     /SHIN/ Shipping incl. insurance, etc.
     /TTAX/ Transaction tax
     /VATX/ Value added tax
     /WITX/ Withholding tax
     /STAD/ Stamp duty
     /MISC/ Miscellaneous

	Field code	Narrative	Format
		The account charged/to be charged or paid can be specified by one of the following codes followed by the account number and, when relevant, the amount charged/paid:	

/ACC CHG/ account for charges
/ACC FEE/ account for fees
/ACC REV/ account for revenue
/ACC CAP/ account for capital

7.22   71C   Other charges   6 * 35x
This field specifies the charges to be passed on by the sender. The same codes as in 71B "Own charges" can be used.

7.23   71D   Account(s) for charges   6 * 35x
In an order to buy/sell this field specifies the account(s) to be charged for charges if different from the account for payment (83s). The following codes shall be used followed by the account number:

/ACC CHG/ account for charges
/ACC FEE/ account for fees
/ACC REV/ account for revenue
/ACC CAP/ account for capital

7.24   072   Information to receiver of message   6 * 35x
This field contains special instructions and/or information.

7.25   074   Amendment   6 * 35x
The first information in this field shall be a valid field tag from the message type specified in field 011 "Message type and date of original message" and identifying the field carrying the information to be amended. The field tag shall be followed in the next line by the amended instruction presented in the form specified for that field. Only the amended information or instruction needs to be given.

7.26   075   Query   6 * 35x
A narrative request for instruction or information.

7.27   076   Answer   6 * 35x
Is a narrative response to a query or a request for cancellation.

7.28   83s   Account for payment   AD
This identifies the name and the account number from/to which the payment is to be/has been made. When the account number line is used and there is a need to specify the currency, the ISO Currency Code shall be given as the first information on the account number line preceded by a total of two slashes "//". The absence of this field means that the account of the sender of the message with the receiver of the message is to be used. This field is only used when instructions differ from standing instructions.

7.29   84s   Receiver/deliverer of securities   EF
This field specifies the party from/to which the securities are to be/have been received/delivered.

When used, with or without account number line, in an order to buy or sell the content specified as E or F shall be preceded by one of the two codes FREE or APMT on a separate line. FREE to specify that delivery shall be made free, APMT to specify that delivery shall be made against payment.

7.30   85s   Beneficiary of securities   D
This field specifies the party for whose account the securities are to be delivered by the receiver of the securities. The name and, when known to the sender, account number of the beneficiary shall both be indicated.

7.31   —   Trailer
The trailer is dependent on the transmission system and sufficiently identifies and immediately follows the end of the message text.

8 Message content

NOTE — Mandatory fields are marked with "M", optional ones with "O". Fields that are not mentioned are forbidden. Optional fields may be agreed as mandatory by the parties involved.

Fields are identified by a field code and shall appear in the order defined for each message type.

8.1 500: Order to buy

Field code	Field name	Status
—	Header	M
020	Transaction reference	M
023	Further identification	O
030	Expiry date order	O
32S	Date and striking price	O
35A	Quantity of securities	M
35B	Identification of securities	M
35n	Next coupon	O
32L	Price limit	M
52s	Instructing party	O
83s	Account for payment	O
84s	Receiver of securities	O
85s	Beneficiary of securities	O
71D	Account(s) for charges	O
072	Information to receiver of message	O
—	Trailer	M

8.2 501: Order to sell

Field code	Field name	Status
—	Header	M
020	Transaction reference	M
023	Further identification	O
030	Expiry date of order	O
32S	Date and striking price	O
35A	Quantity of securities	M
35B	Identification of securities	M
35n	Next coupon	O
32L	Price limit	M
35E	Certificate or serial number(s)	O
52s	Instructing party	O
83s	Account for payment	O
59s	Beneficiary of money	O
84s	Deliverer of securities	O
71D	Account(s) for charges	O
072	Information to receiver of message	O
—	Trailer	M

8.3 510: Confirmation of purchase or sale

Field code	Field name	Status
–	Header	M
020	Transaction reference	M
021	Related transaction reference	M
023	Further identification	M
31P	Date and place of trade	M
030	Settlement date	O
35A	Quantity of securities	M
35B	Identification of securities	M
35n	Next coupon	O
35E	Certificate or serial number(s)	O
52s	Instructing party	O
83s	Account for payment	O
59s	Beneficiary of money	O
84s	Deliverer/Receiver of securities	O
85s	Beneficiary of securities	O
32S	Date and striking price	O
33S	Special concessions	O
33T	Deal price	M
32M	Deal amount	O
34i	Accrued interest	O
32B	Settlement amount	O
71C	Other charges	O
71B	Own charges	O
036	Exchange rate	O
34r	Net proceeds	M
072	Information to receiver of message	O
–	Trailer	M

8.4 519: Advice of execution

Field code	Field name	Status
–	Header	M
020	Transaction reference	M
021	Related transaction reference	M
023	Further identification	M
31P	Date and place of trade	M
32S	Date and striking price	O
35A	Quantity of securities	M
35B	Identification of securities	M
33T	Deal price	M
072	Information to receiver of message	O
–	Trailer	M

8.5 578: Request for amendment

Field code	Field name	Status
–	Header	M
020	Transaction reference	M
021	Related transaction reference	M
011	Message type and date of original message	M
023	Further identification	O
35A	Quantity of securities	O
35B	Identification of securities	O
074	Amendment	M
072	Information to receiver of message	O
–	Trailer	M

8.6 592: Request for cancellation

Field code	Field name	Status
–	Header	M
020	Transaction reference	M
021	Related transaction reference	M
011	Message type and date of original message	M
35A	Quantity of securities	O
35B	Identification of securities	O
072	Information to receiver of message	O
–	Trailer	M

8.7 595: Query message

Field code	Field name	Status
–	Header	M
020	Transaction reference	M
021	Related transaction reference	M
011	Message type and date of original message	M
075	Query	M
–	Trailer	M

8.8 596: Reply message

Field code	Field name	Status
–	Header	M
020	Transaction reference	M
021	Related transaction reference	M
011	Message type and date of original message	O
076	Answer	M
–	Trailer	M