

Vestima<sup>+</sup>  
Investment Fund Services

**SWIFT ISO 15022 User Guide for Order  
Handling Agents**

March 2009

## **Vestima<sup>+</sup> - Investment Fund Services**

### **SWIFT ISO 15022 User Guide for Order Handling Agents**

March 2009

Document number: 6343

This document is the property of Clearstream Banking, société anonyme ("Clearstream Banking") and may not be altered without the prior express written consent of Clearstream Banking. Information in this document is subject to change without notice and does not represent a commitment on the part of Clearstream Banking, or any other subsidiary or affiliate of Clearstream International, société anonyme. The software described in this document is supplied under a licence agreement and is subject to specific copyright protection. It is illegal to copy the software on any medium except as specifically allowed in the licence agreement or copyright legislation.

© Copyright Clearstream International, société anonyme (2009). All rights reserved.

Vestima and Vestima<sup>+</sup> are registered trademarks of Clearstream International, société anonyme. SWIFT is a registered trademark of the Society for Worldwide Interbank Financial Telecommunication.

Clearstream International, société anonyme, is a Deutsche Börse Group company.

## Foreword

Vestima<sup>+</sup>, the investment fund order routing, execution and management service from Clearstream Banking, streamlines, simplifies and standardises all aspects of investment funds trading.

Optionally linked with Clearstream Banking's clearing, settlement and custody services, Vestima<sup>+</sup> can provide participants with secure straight-through processing from order input through to settlement instructions issuance and final settlement, if required. For order issuers (OIs), this means direct, immediate access to a wide network of order handling agents (OHAs), eliminating any need to track down unfamiliar funds and contact the relevant agents. OHAs, meanwhile, benefit from a real-time connection to a significant customer base and get STP trades from a single technical counterparty.

Vestima<sup>+</sup> order processing is simple and easy to use. The OI creates an order on screen using a standard template; Vestima<sup>+</sup> transmits the order to the appropriate OHA for completion; and a confirmation is returned immediately to the OI. The order is now ready for settlement.

Vestima<sup>+</sup> can accept orders through the Vestima<sup>+</sup> web browser interface or via SWIFT and all OIs and OHAs can use either option at any time. This choice of format provides flexibility for all participants and brings the maximum range of funds within easy reach of a broad customer base.

## About this Guide

This Foreword contains general information about Vestima<sup>+</sup> and is intended for OHAs.

This Guide contains the following chapters:

- [“1. Introduction” on page 1-1](#)
- [“2. Order forwarded from Vestima<sup>+</sup> \(MT502\)” on page 2-1](#)
- [“3. Cancellation request from Vestima<sup>+</sup> \(MT502\)” on page 3-1](#)
- [“4. Status update messages \(MT509\)” on page 4-1](#)
- [“5. Order confirmations from the OHA \(MT515\)” on page 5-1.](#)

[“Appendix A. Examples of messages on the OHA side”](#) contains examples of messages on the OHA side for a plain subscription order.

A complementary SWIFT User Guide for Order Issuers is also available from Clearstream Banking.

# Foreword

## Contact details

For further information or if you have specific questions regarding the Vestima<sup>+</sup> system and/or communications with Clearstream Banking, you can contact Customer Service in Luxembourg as follows:

Tel	+352-243-38110	Connectivity Help Desk for access and configuration issues
	+352-243-32833	Vestima <sup>+</sup> Help Desk for business queries
	+352-243-32555	Vestima <sup>+</sup> Product information
Fax	+352-243-638110	Connectivity Help Desk
	cs.vestima.cb@clearstream.com	Vestima <sup>+</sup> Help Desk for business queries
	connect@clearstream.com	Connectivity Help Desk
	www.clearstream.com	Clearstream Banking web site

If you need assistance with Vestima<sup>+</sup>, it would be helpful if you have the following information to hand before contacting Clearstream Banking:

- Your organisation name and Vestima<sup>+</sup> Identity (ID);
- Your name, telephone and fax numbers and your e-mail address;
- Your SWIFT address.
- Details of the inquiry (please have full details available).

Participants should note that, as is normal practice within financial organisations, Clearstream Banking has implemented telephone line recording to ensure that the interests of Clearstream Banking and of its participants are protected against misunderstandings or miscommunications.

Areas subject to telephone line recording include Customer Service, the Treasury Dealing Room and back office operations. The recorded lines are the subject of an ongoing formal maintenance and quality control programme to ensure their continued effective and appropriate deployment and operation.

## Contents

<b>Foreword .....</b>	<b>i</b>
About this Guide .....	i
Contact details .....	ii
<b>1. Introduction .....</b>	<b>1-1</b>
Communicating with Vestima <sup>+</sup> via SWIFT .....	1-1
The address of Vestima <sup>+</sup> .....	1-2
General flow of messages .....	1-2
Message specifications .....	1-3
<b>2. Order forwarded from Vestima<sup>+</sup> (MT502) .....</b>	<b>2-1</b>
<b>3. Cancellation request from Vestima<sup>+</sup> (MT502) .....</b>	<b>3-1</b>
<b>4. Status update messages (MT509) .....</b>	<b>4-1</b>
Order Status and Cancellation Status from the OHA (MT509) .....	4-1
Message Validation Reply to the OHA (MT509) .....	4-3
<b>5. Order confirmations from the OHA (MT515) .....</b>	<b>5-1</b>
<b>Appendix A. Examples of messages on the OHA side .....</b>	<b>A-1</b>
Vestima <sup>+</sup> sends an MT502 to the OHA to forward a new order .....	A-1
The OHA sends an MT509 to Vestima <sup>+</sup> to acknowledge the order .....	A-2
Vestima <sup>+</sup> sends an MT509 in response to the status update of the order .....	A-2
The OHA sends an MT515 to Vestima <sup>+</sup> to confirm the order .....	A-3
Vestima <sup>+</sup> sends an MT509 to the OHA in response to the order confirmation .....	A-3

# Contents

This page has intentionally been left blank.

## 1. Introduction

This Guide contains field specifications for SWIFT message types 502, 509 and 515 that order handling agents (OHAs) can use with the Vestima<sup>+</sup> service in specific circumstances, as follows:

- ["2. Order forwarded from Vestima<sup>+</sup> \(MT502\)" on page 2-1](#)
- ["3. Cancellation request from Vestima<sup>+</sup> \(MT502\)" on page 3-1](#)
- ["4. Status update messages \(MT509\)" on page 4-1](#)
- ["5. Order confirmations from the OHA \(MT515\)" on page 5-1.](#)

["Appendix A. Examples of messages on the OHA side"](#) contains examples of messages on the OHA side for a plain subscription order.

**Note:** Throughout this Guide, it is assumed that both parties use SWIFT messages in each case. However, any combination of communications media is possible and Vestima<sup>+</sup> ensures the appropriate translation.

### Communicating with Vestima<sup>+</sup> via SWIFT

The general flow of SWIFT messages for investment fund transactions is as in the following figure:

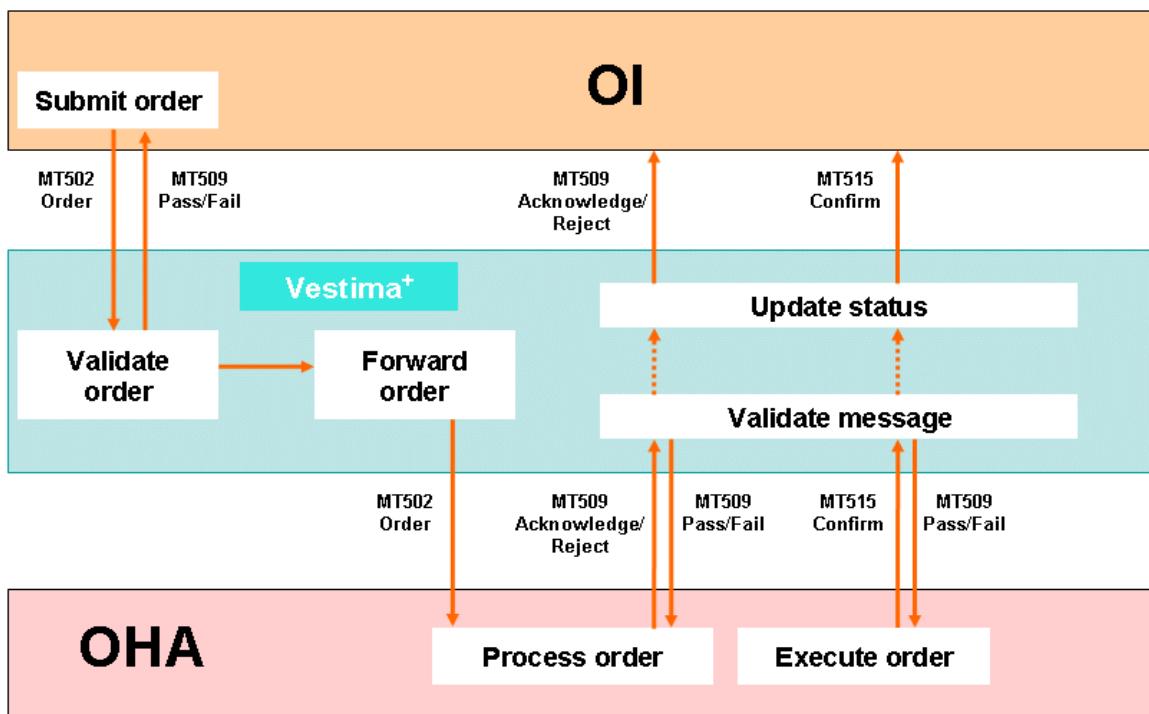


Figure 1-1. SWIFT message flow for investment fund transactions

# Introduction

## The address of Vestima<sup>+</sup>

Messages to and from Vestima<sup>+</sup> use the LIB branch code and so the address varies as follows:

- CEDELULLLIB for production network messages; and
- CEDELUL0XLIB for test and training messages.

In **messages sent from Vestima<sup>+</sup>**, the ID of the terminal that was used for the transmission replaces the 'X' in these BIC addresses. To ensure successful delivery of **messages sent to Vestima<sup>+</sup>**, please do not use any specific terminal ID but specify the destination address using the 'X', as shown above.

## Message flows

The following sections describe how SWIFT messages are exchanged with Vestima<sup>+</sup>

### General flow

1. An OI sends an MT502 (:23G:NEWM) to Vestima<sup>+</sup>. An order is created and enriched using reference data that is held within the Vestima<sup>+</sup> system.
2. Vestima<sup>+</sup> sends an MT502 (:23G:NEWM) to the appropriate OHA.
3. If the OHA returns an optional MT509 (:25D::IPRC//PACK) to Vestima<sup>+</sup> acknowledging receipt of the order, Vestima<sup>+</sup> sends an MT509 (:25D::IPRC//PACK) to the OI.
4. Following execution of the order, the OHA sends an MT515 (:23G:NEWM) to Vestima<sup>+</sup>.
5. The confirmation is enriched and Vestima<sup>+</sup> sends an MT515 (:23G:NEWM) to the OI.

### Message validation

- If an inbound message is invalid, Vestima<sup>+</sup> sends an MT509 (:25D::xPRC/CEDE/FAIL). The sender must then send another message with corrected data.
- If an inbound message is valid and the sender has requested positive validation replies, Vestima<sup>+</sup> generates and sends an MT509 (:25D::xPRC/CEDE/PASS).

### Provision checking

For a redemption order and the switch-from leg of a switch order that are subject to provision checking by Vestima<sup>+</sup>, the following applies:

- If the initial provision check is successful, the order is immediately made available to the OHA.
- If the initial provision check fails, Vestima<sup>+</sup> sends an MT509 (:25D::IPRC/CEDE/PROF) to the OI. The order remains valid but is held pending sufficient provision.
- If a further provision check is successful, Vestima<sup>+</sup> sends an MT509 (:25D::IPRC/CEDE/PROP) to the OI and the normal flow is resumed.
- If no provision check is successful before the pending period (1 week) has expired, Vestima<sup>+</sup> sends an MT509 (:25D::IPRC//REJT) to the OI and the flow is halted.

### Order rejection by the OHA

The OHA can reject an order (including orders that have been acknowledged by the OHA) at any time after it has been forwarded and before it is confirmed.

1. The OHA sends an MT509 (:25D::IPRC//REJT) to Vestima<sup>+</sup>.
2. Vestima<sup>+</sup> sends an MT509 (:25D::IPRC//REJT) to the OI and the flow is halted. The OI must send a new order.

## Cancellation requests

The OI can request the cancellation of a particular order, as follows:

1. The OI sends an MT502 (:23G:CANC) to Vestima<sup>+</sup>.
2. If the order has been forwarded to the OHA prior to the cancellation request and the OHA does not process cancellation requests, Vestima<sup>+</sup> sends an MT509 (:25D::CPRC//REJT) for the cancellation request to the OI and the original order continues in the normal flow.

If the underlying order had not yet been forwarded to the OHA (for example, because it is pending provisioning in Vestima<sup>+</sup>), it is cancelled and Vestima<sup>+</sup> sends an MT509 (:25D::CPRC//PACK) for the cancellation request to the OI and the flows of the cancellation request and of the original order end here.

If the original order was forwarded to an OHA who does process cancellation requests, then Vestima<sup>+</sup> sends an MT502 (:23G:CANC) to the OHA.

3. If the OHA executes the cancellation request:
  - a) The OHA sends an MT509 (:25D::CPRC//PACK) to Vestima<sup>+</sup> to confirm the execution of the cancellation.
  - b) Vestima<sup>+</sup> sends an MT509 (:25D::CPRC//PACK) to the OI, the status of the underlying order is set to "cancelled" and the flows of the cancellation request and of the original order end here.

If the OHA rejects the cancellation request:

- a) The OHA sends an MT509 (:25D::CPRC//REJT) to Vestima<sup>+</sup>.
- b) Vestima<sup>+</sup> sends an MT509 (:25D::CPRC//REJT) to the OI and the flow of the cancellation request ends here; the underlying order continues its normal flow.

## Confirmation cancellation and replacement

If the OHA wants to cancel a previously sent confirmation:

1. The OHA sends an MT515 (:23G:CANC) to Vestima<sup>+</sup>.
2. Vestima<sup>+</sup> sends an MT515 (:23G:CANC) to the OI.

If the OHA wants to replace a previously sent confirmation, the confirmation must first be cancelled as above. Then:

3. The OHA sends an MT515 (:23G:NEWM) as a replacement to Vestima<sup>+</sup>, referencing the original underlying order.
4. Vestima<sup>+</sup> enriches the confirmation and sends an MT515 (:23G:NEWM) as a replacement to the OI, referencing the original underlying order.

**Note:** Vestima<sup>+</sup> does not generate cancellations or replacements of any settlement instructions that relate to the original confirmation; this is the responsibility of the settlement agents of the OI and the OHA.

## Switch orders

Switch orders use the same message flow as subscriptions and redemptions. However, the following specific rules must be observed:

- The OI must send consecutive MT502 (:23G:NEWM) messages for each leg of the switch order, that is, a single redemption (switch-from) leg message followed by one or more subscription (switch-to) leg messages.
- Vestima<sup>+</sup> sends consecutive MT502 (:23G:NEWM) messages to the OHA, one for each leg of the switch.

# Introduction

- Status messages for message validation, OA review, provision checking, OHA acknowledgement, etc., are sent only once per switch order, using the reference of the redemption leg.
- Status messages from the OHA that reference a subscription leg are ignored by Vestima<sup>+</sup> and are not processed.
- The OHA must send consecutive MT515 (:23G:NEWM) messages to Vestima<sup>+</sup>, one for each leg of the switch.
- Vestima<sup>+</sup> will send consecutive MT515 (:23G:NEWM) messages to the OI, one for each leg of the switch.
- MT502 (:23G:CANC) and MT515 (:23G:CANC) messages are issued for the redemption leg only but affect the entire switch order.
- MT502 (:23G:CANC) messages from the OI and MT515 (:23G:CANC) messages from the OHA that reference a subscription leg are ignored by Vestima<sup>+</sup> and are not processed.

## Message specifications

The Vestima<sup>+</sup> order routing service uses MT502, MT509, and MT515 messages. The following chapters describe each of these, with separate sections per usage. Vestima<sup>+</sup> ignores any inbound message fields that are not documented in this Guide.

In the format specification tables used in succeeding chapters, the M/O (Status) column contains values with the following meanings:

**CC** conditional field, presence/value depending on the presence/value of another field;  
**CM** mandatory field, required by Clearstream Banking;  
**M** mandatory field, required by SWIFT;  
**O** optional field, used by the sender of the message.

## Percentage rates

All percentage rates, including those that are placed in :70E: narrative fields, are plain percentages (that is, 1 = 1% etc.).

## Commissions, discount and charges

Commissions, discount and charges can be expressed either as percentage rates or as currency amounts. All such fields used within an order (that is, :92A::CORA, :19A::EXEC, etc.) must all contain either rates or amounts; a mixture is not permitted. Clearstream Banking recommends that amounts be used in preference to rates. For switch orders, only one of the legs may contain information about commissions, discount and charges.

The commissions, discount and charges provided by the OI in an MT502 are requested amounts or rates. The OHA confirms the definitive values in the MT515. Vestima<sup>+</sup> performs no validation between the requested and the confirmed values.

## Trading parties

The trading party subsequence (B2) for the buying/selling participant is always required for the OI in the MT502 and must contain:

:95R::BUYR/CEDE/xxxxxxxx  
or  
:95R::SELL/CEDE/xxxxxxxx

where xxxxxxxx is the Vestima<sup>+</sup> participant ID provided to the OI by Clearstream Banking.

The OI must also use :97A::SAFE in this subsequence to indicate the portfolio ID setup in Vestima<sup>+</sup>.

## Introduction

The requirements for populating the three other B2 subsequences (using party qualifiers :INVE, :STBR and :CLBR), accounts (:97A::SAFE) and commercial contract reference (:70C::PAC0///COMC) varies per OHA. Vestima<sup>+</sup> is set up with the requirements of information that must be provided in new orders sent to particular OHAs.

Clearstream Banking provides a service to maintain reference data for use in automatically populating these three trading parties on behalf of the OI, following the requirements of the OHA of the ordered fund. An OI that uses this service does not need to use any of the three optional B2 subsequences in the MT502.

An OI that has elected not to use this service must populate the optional trading party subsequences according to the requirements of the OHA of the ordered fund.

## Introduction

This page has intentionally been left blank.

## 2. Order forwarded from Vestima+ (MT502)

Vestima+ uses a SWIFT MT502 message to forward a released order to the appropriate order handling agent (OHA).

**Note:** The values in the M/O (Status) column have the following meanings:  
CC=Conditional; CM=Clearstream Banking Mandatory; M=Mandatory.

The conditional Trading Parties subsequences are used according to the requirements of the recipient OHA.

M/O	Tag	Format	Value	Comments
<b>Sequence A - Mandatory - General Information</b>				
M	:16R:		GENL	<b>Start of A - General Information</b>
M	:20C:	:4!c//16x	:SEME//sender's reference	Vestima+ order reference.
M	:23G:	4!c[/4!c]	NEWM	Function of message. Will always be NEWM>New order.
CM	:98C:	:4!c//8!n6!n	:PREP//yyyymmddhhmmss	Preparation date/time (UTC=GMT).
M	:22F:	:4!c//4!c	:TRTR//TRAD	Transaction type indicator. Will always be TRAD=Trade.
<b>Subsequence A1 - Conditional - Linkages (1)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (1)</b>
CC	:20C:	:4!c//16x	:MAST//reference	Master order reference of Vestima+. Used for switch orders only.
M	:16S:		LINK	<b>End of A1 - Linkages (1)</b>
<b>Subsequence A1 - Conditional - Linkages (2)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (2)</b>
CC	:20C:	:4!c//16x	:PREV//reference	Reference of the linked message sent previously. Will be used for switch-to legs only. Reference from :20C::SEME of switch-from leg.
M	:16S:		LINK	<b>End of A1 - Linkages (2)</b>
<b>Sequence A - General Information - Resumed after A1</b>				
M	:16S:		GENL	<b>End of A - General Information</b>
<b>Sequence B - Mandatory - Order Details</b>				
M	:16R:		ORDRDET	<b>Start of B - Order Details</b>
M	:22H:	:4!c//4!c	One of the following: :BUSE//REDM :BUSE//SUBS :BUSE//SWIF :BUSE//SWIT	Order type indicator: REDM=Redemption SUBS=Subscription SWIF=Switch From SWIT=Switch To.

# Order forwarded from Vestima+ (MT502)

M/O	Tag	Format	Value	Comments
CM	:22F:	:4!c//4!c	:TOOR//MAKT	Order type indicator: Will always be MAKT=Market Order.
CM	:22F:	:4!c//4!c	:TILI//GTCA	Validity indicator: Will always be GTCA="Good till Cancelled".
CC	:22H:	:4!c//4!c	One of the following: :CAOP//CASH :CAOP//DRIP	Corporate Action Option indicator: CASH=Distribution of cash DRIP=Reinvestment proceeds into securities.
<b>Note:</b> The :22H::CAOP// indicator is used only when both the fund and the settlement parties support it and if received from the OI.				
M	:22H:	:4!c//4!c	:PAYM//APMT	Payment type indicator: Will always be APMT=Against payment.
M	:98A:	:4!c//8!c	:EXPI//29991231	Expiration date of order. Will always be 31 December 2999.
CC	:92A:	:4!c// [N] 15d	:CORA//rate	Percentage value of applied commission, if received from OI.
CC	:92A:	:4!c// [N] 15d	:COWA//rate	Percentage value of waived commission, if received from OI.
CC	:92A:	:4!c// [N] 15d	:SWRT//rate	Percentage value for switch-to leg of a switch. For a 1-to-1 switch, this = 100. ,
CM	:11A:	:4!c//3!a	One of the following: :FXIB//currency (redemption) :FXIS//currency (subscription)	Currency to buy or sell in relation to trade: :FXIB if :22H::BUSE//REDM or //SWIF :FXIS if :22H::BUSE//SUBS or //SWIT. Used to indicate settlement currency explicitly. For a switch, the fund currency.

## Subsequence B2 - Mandatory - Trading Parties (1)

M	:16R:	TRADPRTY	<b>Start of B2 - Trading Parties (1)</b>
CM	:95P: :4!c//4!a2!a2!c[3!c]	One of the following: :BUYR//BIC address :SELL//BIC address	Party identifier of OI: :BUYR if :22H::BUSE//SUBS or //SWIT :SELL if :22H::BUSE//REDM or //SWIF.
or		or	Whenever available, the BIC of the OI is used (95P).
:95Q: :4!c//4*35x		One of the following: :BUYR//name and address :SELL//name and address	
CM	:97A: :4!c//35x	:SAFE//account	OI's safekeeping account designation.
CM	:20C: :4!c//16x	:PROC//order reference	OI's order processing reference.
M	:16S:	TRADPRTY	<b>End of B2 - Trading Parties (1)</b>

## Subsequence B2 - Conditional - Trading Parties (2)

M	:16R:	TRADPRTY	<b>Start of B2 - Trading Parties (2)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]	:INVE//BIC address	Party identifier of investor.
or		or	
:95Q: :4!c//4*35x		:INVE//name and address	
CC	:97A: :4!c//35x	:SAFE//account number	Safekeeping account.
CC	:70C: :4!c//4*35x	:PACO//COMC/reference	Commercial contract reference.
M	:16S:	TRADPRTY	<b>End of B2 - Trading Parties (2)</b>

# Order forwarded from Vestima+ (MT502)

M/O	Tag	Format	Value	Comments
<b>Subsequence B2 - Conditional - Trading Parties (3)</b>				
M	:16R:		TRADPRTY	<b>Start of B2 - Trading Parties (3)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]	or :95Q: :4!c//4*35x	:STBR//BIC address or :STBR//name and address	Party identifier of a trade intermediary.
CC	:97A: :4!c//35x		:SAFE//account number	Safekeeping account.
M	:16S:		TRADPRTY	<b>End of B2 - Trading Parties (3)</b>
<b>Subsequence B2 - Conditional - Trading Parties (4)</b>				
M	:16R:		TRADPRTY	<b>Start of B2 - Trading Parties (4)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]	or :95Q: :4!c//4*35x	:CLBR//BIC address or :CLBR//name and address	Party identifier of a trade intermediary.
CC	:97A: :4!c//35x		:SAFE//account number	Safekeeping account.
M	:16S:		TRADPRTY	<b>End of B2 - Trading Parties (4)</b>
<b>Sequence B - Order Details - Resumed after B2</b>				
CC	:36B: :4!c//4!c/15d		:ORDR//UNIT/number of units	Quantity of financial instrument ordered. Used only for orders entered by quantity. Not present when :19A::ORDR is present. If :22H::BUSE//SWIT, this = zero and switch-to rate is in field :92A::SWRT.
CC	:19A: :4!c// [N] 3!a15d		:ORDR//currency and amount	Cash amount of ordered financial instrument. Used only for orders entered by cash amount. Not present when :36B::ORDR is present.
M	:35B: [ISIN1!e12!c]![/XS/9!n] [4*35x]		ISIN or common code and description	Identification of ordered financial instrument. For instruments without ISIN, common code is used in first line, prefixed by /XS/.
<b>Subsequence B3 - Clearstream Mandatory - Financial Instrument Attribute</b>				
M	:16R:		FIA	<b>Start of B3 - Financial Instrument Attribute</b>
CM	:11A: :4!c//3!a		:DEN0//currency	Currency of denomination. NAV of MT515 confirmation message must be in this currency.
M	:16S:		FIA	<b>End of B3 - Financial Instrument Attribute</b>
<b>Sequence B - Order Details - Resumed after B3</b>				
CC	:70E: :4!c//10*35x		:TPRO//plus one or more of:	Trade instruction processing narrative - Additional directives:
CC			/CHAR/PRCT/rate	Percentage value of charges, if received from OI.
CC			/SPCN/PRCT/rate	Percentage value of any other commission, if received from OI.
CC			/SETT/number	Message sequence number for a switch.
CC			/TOSE/number	Total number of messages linked to a switch.
CC			free-format text	Narrative text from OI, if received from OI.
M	:16S:		ORDRDET	<b>End of B - Order Details</b>
<b>Sequence C - Clearstream Mandatory - Settlement Details</b>				
M	:16R:		SETDET	<b>Start of C - Settlement Details</b>
M	:22F: :4!c/[8c]/4!c		:SETR//TRAD	Settlement transaction type indicator: Will always be TRAD=Trade.

# Order forwarded from Vestima+ (MT502)

M/O	Tag	Format	Value	Comments
<b>Subsequence C1 - Clearstream Mandatory - Settlement Parties (1)</b>				
M	:16R:		SETPRTY	<b>Start of C1 - Settlement Parties (1)</b>
CM	:95P: :4!c//4!a2!a2!c[3!c]		:PSET//BIC address	Place of settlement: CEDELULLXXX=Clearstream; or MGTCBEBXXX=Euroclear; or BIC of OHA
M	:16S:		SETPRTY	<b>End of C1 - Settlement Parties (1)</b>
<b>Subsequence C1 - Clearstream Mandatory - Settlement Parties (2)</b>				
M	:16R:		SETPRTY	<b>Start of C1 - Settlement Parties (2)</b>
CM	:95P: :4!c//4!a2!a2!c[3!c]		:xEAG//BIC address	Settlement delivering/receiving agent of OI.
	or		:DEAG if :22H::BUSE//REDM or //SWIF	
CM	:95Q: :4!c//4*35x		:xEAG//name and address	:REAG if :22H::BUSE//SUBS or //SWIT.
CC	:97A: :4!c//35x		:SAFE//account number	Account of xEAG with PSET.
M	:16S:		SETPRTY	<b>End of C1 - Settlement Parties (2)</b>
<b>Subsequence C1 - Conditional - Settlement Parties (3)</b>				
M	:16R:		SETPRTY	<b>Start of C1 - Settlement Parties (3)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]		:xECU//BIC address	Optional intermediary delivering/receiving
	or		:DECU if :22H::BUSE//REDM or //SWIF	settlement agent of OI.
CC	:95Q: :4!c//4*35x		:xECU//name and address	:RECU if :22H::BUSE//SUBS or //SWIT.
CC	:97A: :4!c//35x		:SAFE//account number	Account of xECU with respective xEAG.
M	:16S:		SETPRTY	<b>End of C1 - Settlement Parties (3)</b>
<b>Subsequence C1 - Conditional - Settlement Parties (4)</b>				
M	:16R:		SETPRTY	<b>Start of C1 - Settlement Parties (4)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]		One of the following: :BUYR//BIC address	Final settlement party on OI side (final beneficial
			:SELL//BIC address	owner).
	or		:BUYR if :22H::BUSE//SUBS or //SWIT	:SELL if :22H::BUSE//REDM or //SWIF.
CC	:95Q: :4!c//4*35x		or One of the following: :BUYR//name and address	
			:SELL//name and address	
CC	:97A: :4!c//35x		:SAFE//account number	Account of BUYR/SELL with xECU (or xEAG, if xECU not present).
M	:16S:		SETPRTY	<b>End of C1 - Settlement Parties (4)</b>
<b>Subsequence C2 - Conditional - Cash Parties (1)</b>				
M	:16R:		CSHPRTY	<b>Start of C2 - Cash Parties (1)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]		:PAYE//BIC address	Cash correspondent bank (CCB) of the OI.
M	:16S:		CSHPRTY	<b>End of C2 - Cash Parties (1)</b>
<b>Subsequence C2 - Conditional - Cash Parties (2)</b>				
M	:16R:		CSHPRTY	<b>Start of C2 - Cash Parties (2)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]		:ACCW//BIC address	Account-With institution, an intermediary.
	or		:ACCW//name and address	
CC	:95Q: :4!c//4*35x		:CASH//account number	Account of Account-With institution at PAYE.
M	:16S:		CSHPRTY	<b>End of C2 - Cash Parties (2)</b>

# Order forwarded from Vestima+ (MT502)

M/0	Tag	Format	Value	Comments
<b>Subsequence C2 - Conditional - Cash Parties (3)</b>				
M	:16R:		CSHPRTY	<b>Start of C2 - Cash Parties (3)</b>
CC	:95P: :4!c//4!a2!a2!c[3!c]	:BENM//BIC address or :95Q: :4!c//4*35x	:BENM//name and address	Beneficiary of money. Present for redemption orders and when OI wants to be paid outside CBL.
CC	:97A: :4!c//35x		:CASH//account number	Account of beneficiary at ACCW (or at PAYE if ACCW not present).
M	:16S:		CSHPRTY	<b>End of C2 - Cash Parties (3)</b>
<b>Subsequence C3 - Conditional - Amounts (1)</b>				
M	:16R:		AMT	<b>Start of C3 - Amounts (1)</b>
CC	:19A: :4!c// [N] 3!a15d		:EXEC//currency and amount	Applied order commission amount, if received from OI.
M	:16S:		AMT	<b>End of C3 - Amounts (1)</b>
<b>Subsequence C3 - Conditional - Amounts (2)</b>				
M	:16R:		AMT	<b>Start of C3 - Amounts (2)</b>
CC	:19A: :4!c// [N] 3!a15d		:ISDI//currency and amount	Waived (discounted) commission amount, if received from OI.
M	:16S:		AMT	<b>End of C3 - Amounts (2)</b>
<b>Subsequence C3 - Conditional - Amounts (3)</b>				
M	:16R:		AMT	<b>Start of C3 - Amounts (3)</b>
CC	:19A: :4!c// [N] 3!a15d		:CHAR//currency and amount	Charges amount, if received from OI.
M	:16S:		AMT	<b>End of C3 - Amounts (3)</b>
<b>Subsequence C3 - Conditional - Amounts (4)</b>				
M	:16R:		AMT	<b>Start of C3 - Amounts (4)</b>
CC	:19A: :4!c// [N] 3!a15d		:SPCN//currency and amount	Other commission amount, if received from OI
M	:16S:		AMT	<b>End of C3 - Amounts (4)</b>
<b>Sequence C - Settlement Details - Resumed after C3</b>				
M	:16S:		SETDET	<b>End of C - Settlement Details</b>

## Order forwarded from Vestima+ (MT502)

This page has intentionally been left blank.

### 3. Cancellation request from Vestima+ (MT502)

Vestima+ uses a SWIFT MT502 message to forward a cancellation request to the appropriate order handling agent (OHA).

**Note:** The values in the M/O (Status) column have the following meanings:  
 CC=Conditional; CM=Clearstream Banking Mandatory; M=Mandatory.

M/O	Tag	Format	Value	Comments
<b>Sequence A - Mandatory - General Information</b>				
M	:16R:		GENL	<b>Start of A - General Information</b>
M	:20C: :4!c//16x		:SEME//sender's reference	If :22H::BUSE//REDM or //SUBS, Vestima+ reference of cancellation request.
M	:23G: 4!c[/4!c]		CANC	Function of message. Will always be CANC=Cancellation request.
CM	:98C: 4!c//8!n6!n		:PREP//yyyymmddhhmmss	Preparation date/time (UTC=GMT).
M	:22F: :4!c//4!c		:TRTR//TRAD	Transaction type indicator: Will always be TRAD=Trade.
<b>Subsequence A1 - Conditional - Linkages (1)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (1)</b>
CC	:20C: :4!c//16x		:MAST//reference	Master reference. Used, if :22H::BUSE//SWIF, for Vestima+ reference of cancellation request.
M	:16S:		LINK	<b>End of A1 - Linkages (1)</b>
<b>Subsequence A1 - Mandatory - Linkages (2)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (2)</b>
M	:20C: :4!c//16x		:PREV//reference	Reference of the linked message previously sent, from :20C::SEME of original MT502.
M	:16S:		LINK	<b>End of A1 - Linkages (2)</b>
<b>Sequence A - General Information - Resumed after A1</b>				
M	:16S:		GENL	<b>End of A - General Information</b>
<b>Sequence B - Mandatory - Order Details</b>				
M	:16R:		ORDRDET	<b>Start of B - Order Details</b>
M	:22H: :4!c//4!c		One of the following: :BUSE//REDM :BUSE//SUBS :BUSE//SWIF	Order type (Buy/Sell) indicator: REDM=Redemption SUBS=Subscription SWIF=Switch From.
M	:22F: :4!c//4!c		:TOOR//MAKT	Order type indicator: Will always be MAKT=Market Order.
M	:22H: :4!c//4!c		:PAYM//APMT	Payment type indicator: Will always be APMT=Against payment.

# Cancellation request from Vestima+ (MT502)

M/O	Tag	Format	Value	Comments
M	:98A:	:4!c//8!c	:EXPI//29991231	Expiration date of cancellation request. 31 December 2999 (perpetual).
<b>Subsequence B2 - Mandatory - Trading Parties</b>				
M	:16R:		TRADPRY	<b>Start of B2 - Trading Parties</b>
M	:95P:	:4!c//4!a2!a2!c[3!c]	One of the following: :BUYR//BIC address :SELL//BIC address	Party identifier of OI: :BUYR if :22H::BUSE//SUBS :SELL if :22H::BUSE//REDM or //SWIF.
	or		or	
	:95Q:	:4!c/[8c]/34x	One of the following: :BUYR//name and address :SELL//name and address	
CM	:20C:	:4!c//16x	:PROC//cancellation reference	OI's cancellation reference
M	:16S:		TRADPRY	<b>End of B2 - Trading Parties</b>
<b>Sequence B - Order Details - Resumed after B2</b>				
CC	:36B:	:4!c//4!c/15d	:CANC//UNIT/number of units	Quantity of financial instrument to cancel. Used only when original order by quantity.
CC	:36B:	:4!c//4!c/15d	:ORDR//UNIT/number of units	Quantity of financial instrument ordered. Used only when original order by quantity.
CC	:19A:	:4!c// [N] 3!a15d	:CANC//currency and amount	Cash amount of financial instrument to cancel. Used only when original order by cash amount.
CC	:19A:	:4!c// [N] 3!a15d	:ORDR//currency and amount	Cash amount of ordered financial instrument. Used only when original order by cash amount.
M	:35B:	[ISIN1!e12!c]![/XS/9!n] [4*35x]	ISIN or common code and description	Identification of ordered financial instrument For instruments without ISIN, common code is used in first line, prefixed by /XS/.
CM	:70E:	:4!c//10*35x	:TPRO//free-format text	OI's reason for cancellation request.
M	:16S:		ORDRDET	<b>End of B - Order Details</b>

## 4. Status update messages (MT509)

Vestima<sup>+</sup> uses SWIFT MT509 messages for two distinct purposes:

- To provide the results of the Vestima<sup>+</sup> inbound message validation process (optional for positive validations); and
- To provide the status of an order.

### Order Status and Cancellation Status from the OHA (MT509)

The MT509 from the order handling agent (OHA) is used to indicate the status of a forwarded order or cancellation request. Vestima<sup>+</sup> allows for a single occurrence of each subsequence.

**Note:** The values in the M/O (Status) column have the following meanings:

CC=Conditional; CM=Clearstream Banking Mandatory; M=Mandatory; O=Optional.

M/O	Tag	Format	Value	Comments
<b>Sequence A - Mandatory - General Information</b>				
M :16R:			GENL	<b>Start of A - General Information</b>
M :20C: :4!c//16x			:SEME//sender's reference	Unambiguous message reference assigned by OHA. Vestima <sup>+</sup> uses this in replies only.
M :23G: 4!c [/4!c]			One of the following: CAST INST	Function of message: CAST=Status of receiver's cancellation request INST=Status of receiver's order.
<b>Subsequence A1 - Clearstream Mandatory - Linkages</b>				
M :16R:			LINK	<b>Start of A1 - Linkages</b>
CM :20C: :4!c//16x			:RELA//reference	Reference in ::20C::SEME of MT502 being replied to.
M :16S:			:LINK	<b>End of A1 - Linkages</b>
<b>Subsequence A2 - Mandatory - Status</b>				
M :16R:			STAT	<b>Start of A2 - Status</b>
M :25D: :4!c//4!c			One of the following: :CPRC//CAND :CPRC//PACK :CPRC//REJT :IPRC//PACK :IPRC//REJT	Status code of referenced message: Cancellation request executed and order cancelled Cancellation request executed and order cancelled Cancellation request rejected Receipt of order acknowledged Order rejected.

# Order Status and Cancellation Status from the OHA (MT509)

M/O	Tag	Format	Value	Comments
<b>Subsequence A2a - Conditional - Reason</b>				
M	:16R:		REAS	<b>Start of A2a - Reason</b>
CC	:24B: :4!c//4!c		One of the following: :REJT//BUSE :REJT//NARR :REJT//XXXX	Reason code for a rejection. BUSE=Invalid order type of MT502 NARR=Refer to :70D::REAS narrative XXXX=Other reason code as defined in ISO 15022.
CC	:70D: :4!c//6*35x		:REAS//6*35x	Reason narrative for a rejection. Used only if :24B:REJT//NARR.
M	:16S:		REAS	<b>End of A2a - Reason</b>
<b>Subsequence A2 - Status - Resumed after A2a</b>				
M	:16S:		STAT	<b>End of A2 - Status</b>
<b>Sequence A - General Information - Resumed after A2</b>				
M	:16S:		GENL	<b>End of A - General Information</b>
<b>Sequence B - Optional - Trade Details</b>				
M	:16R: :4!c//8!n		TRADE	<b>Start of B - Trade Details</b>
O	:98A:		:SETT//yyyymmdd	Can contain provisional settlement date.
O	:98A:		:TRAD//yyyymmdd	Can contain provisional trade date.
M	:22H: :4!c//4!c		One of the following: :BUSE//REDM :BUSE//SUBS :BUSE//SWIF	Business type indicator: REDM=Redemption SUBS=Subscription SWIF=Switch From.
M	:22H: :4!c//4!c		:PAYM//APMT	Payment type indicator: Must always be APMT=Against payment.
CC	:36B: :4!c//4!c/15d		:ORDR//UNIT/number of units	Quantity of financial instrument ordered. Used only for orders entered by quantity.
CC	:19A: :4!c// [N] 3!a15d		:ORDR//currency and amount	Cash amount of ordered financial instrument. Used only for orders entered by amount.
M	:35B: [ISIN1!e12!c]![/XS/9!n] ISIN or common code [4*35x]			Identification of ordered financial instrument. Exceptionally, common code can be used in first line, prefixed by /XS/. Any optional lines of description are ignored.
M	:16S:		TRADE	<b>End of B - Trade Details</b>

## Message Validation Reply to the OHA (MT509)

Vestima<sup>+</sup> uses the MT509 message when replying to any inbound MT509 or MT515.

**Note:** The values in the M/O (Status) column have the following meanings:  
CC=Conditional; CM=Clearstream Banking Mandatory; M=Mandatory.

M/O	Tag	Format	Value	Comments
<b>Sequence A - Mandatory - General Information</b>				
M	:16R:		GENL	<b>Start of A - General Information</b>
M	:20C: :4!c//16x		:SEME//sender's reference	Unambiguous message reference of Vestima <sup>+</sup> .
M	:23G: 4!c/[4!c]		One of the following: CAST INST	Function of message: CAST=Status of receiver's cancellation request INST=Status of receiver's order.
<b>Subsequence A1 - Clearstream Mandatory Repeatable - Linkages</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages</b>
CM	:13A: :4!c//3!c		:LINK//3!n	Type of message replied to: "509" or "515".
CM	:20C: :4!c//16x		:RELA//reference	OHA's reference of related message. Reference in either: :20C::SEME of message being replied to; or :20C::MAST for replies to MT515 if :22H::BUSE//SWIT.
M	:16S:		:LINK	<b>End of A1 - Linkages</b>
<b>Subsequence A2 - Mandatory Repeatable - Status</b>				
M	:16R:		STAT	<b>Start of A2 - Status</b>
M	:25D: :4!c/[8c]/4!c		One of the following: :CPRC/CEDE/FAIL :CPRC/CEDE/PASS :IPRC/CEDE/FAIL :IPRC/CEDE/PASS	Validation status code of referenced message: :CPRC=Cancellation of confirmation :IPRC=Confirmation FAIL=Failed validation PASS=Passed validation (sent depending on profile).
<b>Subsequence A2a - Conditional Repeatable - Reason</b>				
M	:16R:		REAS	<b>Start of A2a - Reason</b>
CC	:24B: :4!c//4!c		One of the following: :REJT//BUSE :REJT//NARR :REJT//ULNK	Reason code for a rejection. BUSE=Invalid order type of related message. NARR=Refer to :70D::REAS. ULNK=Related message/order not determined.
CC	:70D: :4!c//6*35x		:REAS//6*35x	Reason narrative for a rejection. Used only if :24B::REJT//NARR.
M	:16S:		REAS	<b>End of A2a - Reason</b>
<b>Subsequence A2 - Status - Resumed after A2a</b>				
M	:16S:		STAT	<b>End of A2 - Status</b>
<b>Sequence A - General Information - Resumed after A2</b>				
M	:16S:		GENL	<b>End of A - General Information</b>
<b>Sequence B - Clearstream Mandatory - Trade Details</b>				
M	:16R:		TRADE	<b>Start of B - Trade Details</b>
M	:22H: :4!c//4!c		One of the following: :BUSE//REDM :BUSE//SUBS :BUSE//SWIF	Order type indicator: REDM=Redemption SUBS=Subscription SWIF=Switch From.

## Message Validation Reply to the OHA (MT509)

M/O	Tag	Format	Value	Comments
M	:22H:	:4!c//4!c	:PAYM//APMT	Payment type indicator: Will always be APMT=Against payment.
CC	:36B:	:4!c//4!c/15d	:ORDR//UNIT/number of units	Quantity of financial instrument ordered. Used only for orders entered by quantity.
CC	:19A:	:4!c// [N] 3!a15d	:ORDR//currency and amount	Cash amount of ordered financial instrument. Used only for orders entered by amount.
M	:35B:	[ISIN1!e12!c]![/XS/9!n] ISIN or common code [4*35x]	ISIN or common code and description	Identification of ordered financial instrument. For instruments without ISIN, common code is used in first line, prefixed by /XS/.
M	:16S:		TRADE	<b>End of B - Trade Details</b>

## 5. Order confirmations from the OHA (MT515)

Order handling agents (OHAs) use MT515 messages to confirm orders. An MT515 message may also be used to cancel the confirmation of an order and to replace it with a new confirmation.

**Note:** The values in the M/O (Status) column have the following meanings:

CC=Conditional; CM=Clearstream Banking Mandatory; M=Mandatory; O=Optional.

M/O	Tag	Format	Value	Comments
<b>Sequence A - Mandatory - General Information</b>				
M	:16R:		GENL	<b>Start of A - General Information</b>
M	:20C: :4!c//16x		:SEME//sender's reference	OHA's unambiguous reference. OHA order reference if :22H::BUSE//REDM or //SUBS. OHA leg reference if :22H::BUSE//SWIX.
M	:23G: 4!c [/4!c]		One of the following: CANC NEWM	Function of message: CANC=Cancellation of a confirmation NEWM>New confirmation.
M	:22F: :4!c//4!c		:TRTR//TRAD	Transaction type indicator: Must always be TRAD=Trade.
<b>Subsequence A1 - Conditional - Linkages (1)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (1)</b>
CC	:20C: :4!c//16x		:MAST//reference	OHA's master reference of order. Used for switches only.
M	:16S:		:LINK	<b>End of A1 - Linkages (1)</b>
<b>Subsequence A1 - Conditional - Linkages (2)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (2)</b>
CC	:20C: :4!c//16x		:PREV//reference	Reference of linked message previously sent. Must be present in the following cases: • If :23G:CANC, from :20C::SEME of original confirmation. • SWIFT mandatory if :22H::BUSE//SWIT, from :20C::MAST or from :20C::SEME of switch- from confirmation.
M	:16S:		:LINK	<b>End of A1 - Linkages (2)</b>
<b>Subsequence A1 - Clearstream Mandatory - Linkages (3)</b>				
M	:16R:		LINK	<b>Start of A1 - Linkages (3)</b>
CM	:20C: :4!c//16x		:RELA//reference	Vestima <sup>+</sup> order reference (from original MT502)
M	:16S:		:LINK	<b>End of A1 - Linkages (3)</b>
<b>Sequence A - General Information - Resumed after A1</b>				
M	:16S:		GENL	<b>End of A - General Information</b>

# Order confirmations from the OHA (MT515)

M/O	Tag	Format	Value	Comments
<b>Sequence C - Mandatory - Confirmation Details</b>				
M	:16R:		CONFDET	<b>Start of C - Confirmation Details</b>
O	:98A: :4!c//8!n		:NAVD//yyyymmdd	Can contain date on which NAV was calculated.
M	:98A: :4!c//8!n		:SETT//yyyymmdd	Settlement date (SD).
M	:98A: :4!c//8!n		:TRAD//yyyymmdd	Trade date (TD).
M	:90B: :4!c//4!c/3!a15d		:DEAL//ACTU/currency amount	Deal price and currency as actual amount. Currency must be valid for fund and correspond to currency in :11A::DENO of the MT502.
O	:92A: :4!c// [N] 15d		:BAKL//rate	If :22H::BUSE//REDM or //SWIF, can contain percentage value of back-end load charges.
O	:92A: :4!c// [N] 15d		:CORA//rate	Can contain percentage value of applied commission (after discount).
O	:92A: :4!c// [N] 15d		:COWA//rate	Can contain percentage value of waived commission (discount).
O	:92A: :4!c// [N] 15d		:ENTF//rate	If :22H::BUSE//SUBS or //SWIT, can contain percentage value of entrance (front-end load) charges.
M	:22H: :4!c//4!c		One of the following: :BUSE//REDM :BUSE//SUBS :BUSE//SWIF :BUSE//SWIT	Order type indicator of confirmation: REDM=Redemption SUBS=Subscription SWIF=Switch From SWIT=Switch To. If :23G:CANC, 22H::BUSE//SWIT is not relevant and message is ignored.
O	:22F: :4!c/8c/4!c		One of the following: :PRIC/CEDE/BIDP :PRIC/CEDE/DEAL :PRIC/CEDE/NAVP :PRIC/CEDE/OFRP	Price type indicator: BIDP=Bid price if :22H::BUSE//REDM or //SWIF DEAL=Deal price (price for this particular deal) NAVP=Net asset value price OFRP=Offer price if :22H::BUSE//SUBS or //SWIT.
O	:22F: :4!c/8c/4!c		One of the following: :ECIO//EUSI :ECIO//EUSO :ECIO//UKWN	Capital gain in/out indicator as per EU savings tax directive: EUSI=In scope of directive EUSO=Out of scope of directive UKWN=Relevance of directive is unknown.
O	:22F: :4!c/8c/4!c		One of the following: :TSTA/TSIY :TSTA/TSIN :TSTA/UKWN	TIS calculated indicator: TSIY=TIS calculated within NAV TSIN=TIS not calculated within NAV UKWN=TIS calculation is unknown.
M	:22H: :4!c//4!c		:PAYM//APMT	Payment type indicator: Must always be APMT=Against payment.
<b>Subsequence C1 - Mandatory - Confirmation Parties</b>				
M	:16R:		CONFPRTY	<b>Start of C1 - Confirmation Parties</b>
CM	:95P: :4!c//4!a2!a2!c [3!c]		One of the following: :BUYR//BIC address :SELL//BIC address	Party identifier of OHA: :BUYR if :22H::BUSE//REDM or //SWIF :SELL if :22H::BUSE//SUBS or //SWIT. Alternatively, :95R: with Vestima <sup>+</sup> customer code may be used.
O	:97A: :4!c//35x		:SAFE//account number	Confirmation party account number used on fund's side to settle order.
M	:16S:		CONFPRTY	<b>End of C1 - Confirmation Parties</b>
<b>Sequence C - Confirmation Details - Resumed after C1</b>				

# Order confirmations from the OHA (MT515)

M/O	Tag	Format	Value	Comments
M	:36B:	:4!c//4!c/15d	:CONF//UNIT/number of units	Confirmed quantity of financial instrument, expressed as a number of fund units.
M	:35B:	[ISIN1!e12!c]![/XS/9!n] [4*35x]	ISIN or common code	Identification of ordered financial instrument. Exceptionally, common code can be used in first line, prefixed by /XS/.
<b>Subsequence C2 - Optional - Financial Instrument Attributes</b>				
M	:16R:		FIA	<b>Start of C2 - Financial Instrument Attributes</b>
O	:90B:	:4!c//4!c/3!a15d	:TSMT//ACTU/	Amount of taxable income per share (TIS) as per EU Saving Directive with amount type code ACTU.
M	:16S:		FIA	<b>End of C2 - Financial Instrument Attributes</b>
<b>Sequence C - Confirmation Details - Resumed after C2</b>				
	:70E:	:4!c//10*35x	:TPRO//plus one or more of:	Trade instruction processing narrative - additional directives:
O			/SPCN/PRCT/rate	Percentage value of any other commission;.
CC			/SWIT/PRCT/rate	Percentage value for switch-to leg of a switch (used if :22H::BUSE//SWIT).
CC			/SETT/number	Message sequence number for a switch confirmation.
CC			/TOSE/number	Total number of messages linked to a switch confirmation.
CC			free-format text	Narrative text from the OHA. Mandatory if :23G:CANC, reason for cancellation.
M	:16S:		CONFDET	<b>End of C - Confirmation Details</b>
<b>Sequence D - Conditional - Settlement Details</b>				
M	:16R:		SETDET	<b>Start of D - Settlement Details</b>
M	:22F:	:4!c//4!c	:SETR//TRAD	Type of settlement transaction indicator: trade.
O	:22F:	:4!c/[8c]/4!c	One of the following: :STCO/CEDE/AUTO :STCO/CEDE/DFLT :STCO/CEDE/MANU	Settlement option indicator. AUTO=Settlement instructions generated by Vestima+ DFLT=As per arrangement stored in Vestima+ MANU=Settlement instructions generated by OHA. If field not present, DFLT is assumed. CBL recommends the use of DFLT.
<b>Subsequence D3 - Optional - Amounts (1)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (1)</b>
O	:19A:	:4!c//3!a15d	:DEAL//currency amount	Trade amount (quantity x price) of confirmed order.
M	:16S:		AMT	<b>End of D3 - Amounts (1)</b>
<b>Subsequence D3 - Optional - Amounts (2)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (2)</b>
O	:19A:	:4!c//3!a15d	:EXEC//currency amount	Applied commission amount.
M	:16S:		AMT	<b>End of D3 - Amounts (2)</b>

# Order confirmations from the OHA (MT515)

M/O	Tag	Format	Value	Comments
<b>Subsequence D3 - Optional - Amounts (3)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (3)</b>
O	:19A: :4!c//3!a15d		:SPCN//currency amount	Other commission amount.
M	:16S:		AMT	<b>End of D3 - Amounts (3)</b>
<b>Subsequence D3 - Optional - Amounts (4)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (4)</b>
O	:19A: :4!c//3!a15d		:ISDI//currency amount	Waived (discounted) commission amount.
M	:16S:		AMT	<b>End of D3 - Amounts (4)</b>
<b>Subsequence D3 - Optional - Amounts (5)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (5)</b>
O	:19A: :4!c//3!a15d		:WITH//currency amount	Withholding tax amount.
M	:16S:		AMT	<b>End of D3 - Amounts (5)</b>
<b>Subsequence D3 - Conditional - Amounts (6)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (6)</b>
CC	:19A: :4!c//3!a15d		:RESU//currency amount	Original settlement amount (before applying an exchange rate). Mandatory when :92B::EXCH is present and must not be used otherwise.
CC	:19A: :4!c//3!a15d		:SETT//currency amount	Settlement amount. Not required for switch confirmations.
O	:92B: :4!c//3!a/3!a/15d		:EXCH//currency/currency/rate	Exchange rate used by the OHA. Can be used when :19A::DEAL currency different from settlement amount.
<b>Subsequence D3 - Optional - Amounts (7)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (7)</b>
O	:19A: :4!c//3!a15d		:BAKL//currency amount	Amount of back-end load charges. Applicable if :22H::BUSE//REDM or //SWIF.
M	:16S:		AMT	<b>End of D3 - Amounts (7)</b>
<b>Subsequence D3 - Optional - Amounts (8)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (8)</b>
O	:19A: :4!c//3!a15d		:ENTF//currency amount	Amount of entrance (front-end load) charges. Applicable if :22H::BUSE//SUBS or //SWIT.
M	:16S:		AMT	<b>End of D3 - Amounts (8)</b>
<b>Subsequence D3 - Optional - Amounts (9)</b>				
M	:16R:		AMT	<b>Start of D3 - Amounts (9)</b>
O	:19A: :4!c//3!a15d		:EUTR//currency amount	EU Savings Tax retention amount.
M	:16S:		AMT	<b>End of D3 - Amounts (9)</b>
<b>Sequence D - Settlement Details - Resumed after D3</b>				
M	:16S:		SETDET	<b>End of D - Settlement Details</b>

## Appendix A. Examples of messages on the OHA side

The following message contents illustrate the messages on the OHA side for a plain subscription order.

### Vestima<sup>+</sup> sends an MT502 to the OHA to forward a new order

```

{4:
:16R: GENL
:20C: :SEME//5381A2B
:23G: NEWM
:98C: :PREP//20050919075211
:22F: :TRTR//TRAD
:16S: GENL
:16R: ORDRDET
:22H: :BUSE//SUBS
:22F: :TOOR//MAKT
:22F: :TILI//GTCA
:22H: :PAYM//APMT
:98A: :EXPI//29991231
:11A: :FXIS//EUR
:16R: TRADPRTY
:95P: :BUYR//OIOILULLXXX
:97A: :SAFE//23456
:20C: :PROC//ORDER001
:16S: TRADPRTY
:16R: TRADPRTY
:95P: :INVE//INVELULLXXX
:97A: :SAFE//AA1-2345-678
:16S: TRADPRTY
:36B: :ORDR//UNIT/100,
:35B: ISIN LU0123456789
SHS INVESTMENT FUND
:16R: FIA
:11A: :DENO//EUR
:16S: FIA
:16S: ORDRDET
:16R: SETDET
:22F: :SETR//TRAD
:16R: SETPRTY
:95P: :REAG//OIOILULLXXX
:97A: :SAFE//23456
:16S: SETPRTY
:16R: SETPRTY
:95P: :PSET//CEDELULLXXX
:16S: SETPRTY
:16S: SETDET
- }
  
```

## The OHA sends an MT509 to Vestima<sup>+</sup> to acknowledge the order

```
{4:  
:16R: GENL  
:20C::SEME//MSGREF0987654321  
:23G: INST  
:16R: LINK  
:20C::RELA//5381A2B  
:16S: LINK  
:16R: STAT  
:25D::IPRC//PACK  
:16S: STAT  
:16S: GENL  
:16R: TRADE  
:98A::TRAD//20050920  
:98A::SETT//20050921  
:22H::BUSE//SUBS  
:22H::PAYM//APMT  
:36B::ORDR//UNIT/100,  
:35B: ISIN LU0123456789  
:16S: TRADE  
- }
```

The OHA has opted for the positive validation messages and so, upon STP receipt and successful update of the order status, a reply is promptly returned to the OHA in the form of an MT509.

## Vestima<sup>+</sup> sends an MT509 in response to the status update of the order

```
{4:  
:16R: GENL  
:20C::SEME//81322  
:23G: INST  
:16R: LINK  
:13A::LINK//509  
:20C::RELA//MSGREF0987654321  
:16S: LINK  
:16R: STAT  
:25D::IPRC/CEDE/PASS  
:16S: STAT  
:16S: GENL  
:16R: TRADE  
:22H::BUSE//SUBS  
:22H::PAYM//APMT  
:36B::ORDR//UNIT/100,  
:35B: ISIN LU0123456789  
SHS INVESTMENT FUND  
:16S: TRADE  
- }
```

## The OHA sends an MT515 to Vestima<sup>+</sup> to confirm the order

```
{4:  
:16R: GENL  
:20C: :SEME//ORDER991  
:23G: NEWM  
:22F: :TRTR//TRAD  
:16R: LINK  
:20C: :RELA//5381A2B  
:16S: LINK  
:16S: GENL  
:16R: CONFDET  
:98A: :TRAD//20050920  
:98A: :SETT//20050921  
:90B: :DEAL//ACTU/EUR1,  
:22H: :BUSE//SUBS  
:22H: :PAYM//APMT  
:16R: CONFPRTY  
:95P: :SELL//OHA1ULL  
:97A: :SAFE//12345  
:16S: CONFPRTY  
:36B: :CONF//UNIT/100,  
:35B: ISIN LU0123456789  
:16S: CONFDET  
:16R: SETDET  
:22F: :SETR//TRAD  
:16R: AMT AMOUNT  
:19A: :SETT//EUR100,  
:16S: AMT  
:16S: SETDET  
-}
```

## Vestima<sup>+</sup> sends an MT509 to the OHA in response to the order confirmation

```
{4:  
:16R: GENL  
:20C: :SEME//91284  
:23G: INST  
:16R: LINK  
:13A: :LINK//515  
:20C: :RELA//ORDER991  
:16S: LINK  
:16R: STAT  
:25D: :IPRC/CEDE/PASS  
:16S: STAT  
:16S: GENL  
:16R: TRADE  
:22H: :BUSE//SUBS  
:22H: :PAYM//APMT  
:36B: :ORDR//UNIT/100,  
:35B: ISIN LU0123456789  
SHS INVESTMENT FUND  
:16S: TRADE  
-}
```

This page has intentionally been left blank.



---

**Contact**

[marketing@clearstream.com](mailto:marketing@clearstream.com)

[www.clearstream.com](http://www.clearstream.com)

**Published by**

**Clearstream Banking Luxembourg**

**Registered address**

Clearstream Banking SA  
42 Avenue JF Kennedy  
L-1855 Luxembourg

**Postal address**

Clearstream Banking  
L-2967 Luxembourg

March 2009

Document number: 6343

---