



ViaNova
Corporate Pensions Straight Through Processing
Standard Business Requirements
Version 5.00

For live use from 17th November 2013

Document History

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Introduction

This document contains the standard definition of straight through processing (STP) interfaces for the corporate pensions industry in the UK. It defines a standard set of rules for the interpretation and usage of ISO 20022 messages and the business processes associated with them. The document was prepared by the UK Funds ViaNova Working Group under the auspices of the UK Securities Market Practice Group and represents agreed best practice for the UK corporate pensions industry.

Background

The corporate pensions industry has a fundamental need to operate on a low cost basis. Straight through processing offers the chance to reduce cost, reduce risk and enhance customer service.

The launch of the ISO 20022 data dictionary and the securities trade messages in October 2004 provided the impetus for the corporate pensions industry to adopt a standard approach. The formation of the Investment Managers Straight Through Processing Development Group (IMSDG) provided a forum for the industry to discuss STP issues. It was agreed that STP should not be seen as a competitor differentiator and that it was in the industry's interest as a whole to introduce a common straight through processing platform.

In October 2007 the responsibility for maintaining this document was passed to a working group of the UK Funds market practice group and the IMSDG was wound up.

Release Note for Version 5.00

We are pleased to announce our support for the use of the semt.006.001.02 StatementOfInvestmentFundTransactionsV02 message to support the reporting of transactions within an investment account – including the ones which were not initiated by the TPA, such as fee encashment and re-balancing switches. This will allow accurate reporting of all the underlying asset movements in benchmark driven investment portfolios and represents a valuable addition to our STP platform.

The other new feature of this release is our use of the reda.001.001.04 price report message. This change keeps us in-line with the messages supported by the SWIFTNet funds service.

ViaNova compliance. Is it all or nothing?

We would like to reassure companies who are considering the adoption of ISO 20022 messaging and ViaNova market practice rules that it is not a requirement that companies implement all the messages for which market practice is defined herein. It is entirely possible to implement support for subscriptions and redemptions without building support for the switch order.

We recommend that if you decide to implement a particular order type, you should implement all the messages in that group. For example, a TPA implementing the Subscription Order should be able to process Order Status and the Subscription Order Confirmation message. Ideally they should implement the Subscription Order Cancellation Request message and the Order Cancellation Status message. The same would apply to Product Providers – they should not implement the ability to receive a Subscription Order without the ability to send the Order Status message and the Subscription Order



Confirmation message. In addition they should build support for the Subscription Order Cancellation request and the Order Cancellation Status Report message even if they cannot process cancellations via STP. We suggest that any order process that begins with an ISO 20022 message should be completed and confirmed via an ISO 20022 message.

Support

For more information on this document or to suggest changes and enhancement please contact the co-chairs of the working group:

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For latest news and minutes of ViaNova working group meetings please consult the ViaNova web site www.vianova.org.uk.

This document is published on the Securities Market Practice Group web site www.smpg.info and on the ViaNova web site.

Definitions.

Definitions

Roles

Third Party Administrators (TPA)

For the purpose of this document all types of administrators for corporate pension schemes are referred to as third party administrators. TPAs provide pension administration services for corporate pension trustees. They receive investment instructions from pension scheme trustees and then pass instructions on to one or more product providers.

Product Providers (PP)

Product providers are those institutions who provide financial instruments for corporate pension investments. They may encompass such roles as transfer agency, funds management and fund accounting.

Investment Accounts and Financial Instruments

Product providers use a variety of terms to refer to the location of assets within a pension scheme. Assets may be held by 'policies' or 'sub-policies', or perhaps 'portfolios' or 'products'. However comparison of the structures of accounts held by participants in this project revealed that all that was required to model the structure of investment accounts was that they should be seen as a tree structure.

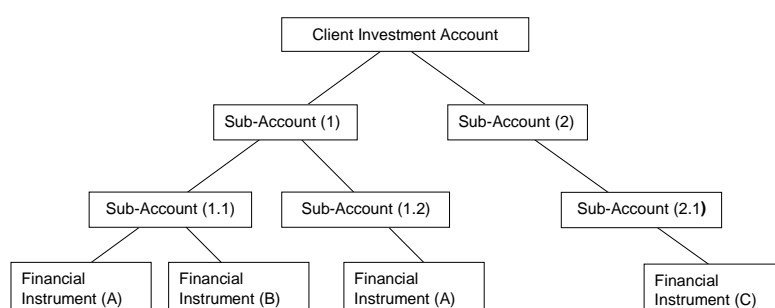


Figure 1 ViaNova Sub Account Structure

Figure 1 above shows how individual holdings in financial instruments are held within a tree structure. A sub-account identification is required to unambiguously identify the location of a holding of a particular financial instrument within an investment account.

For example the location of Financial Instrument (A) in Sub-Account (1.1) requires a different location identification from the Financial Instrument (A) located in Sub-Account (1.2). A sub-account identification is particularly important in the case of a switch transaction. To switch an asset from Sub-Account (1.1) to Sub-Account (1.2) a sub account identifier will be required in both the redemption leg and subscription leg of the switch.

Supported Messages

The list below represents the ISO 20022 UNIFI messages that are within the scope of this project

Message	Version	Purpose	Issuer	Changes in this version
Subscription Order	setr.010.001.03	To instruct the executing party to subscribe to one or more financial instruments, for the same account.	TPA	No change
Subscription Order Cancellation Request	setr.011.001.03	To cancel a previously sent Subscription Order instruction.	TPA	No change
Subscription Order Confirmation	setr.012.001.03	To confirm the details of the execution of a Subscription Order message	PP	No change
Redemption Order	setr.004.001.03	To instruct the executing party to redeem one or more financial instruments, for the same account.	TPA	No change
Redemption Order Cancellation Request	setr.005.001.03	To cancel a previously sent Redemption Order instruction.	TPA	No change
Redemption Order Confirmation	setr.006.001.03	To confirm the details of the execution of a Redemption Order message.	PP	No change
Switch Order	setr.013.001.03	To instruct the executing party to switch from a specified amount/quantity of specified financial instruments to a specified amount/quantity of different financial instruments.	TPA	No change
Switch Order Cancellation Request	setr.014.001.03	To cancel a previously sent Switch Order Instruction message.	TPA	No change
Switch Order Confirmation	setr.015.001.03	To confirm the details of the execution of a Switch Order message.	PP	No change
Order Instruction Status Report	setr.016.001.03	Reports the status of an order from the time the executing party receives the order until the order is executed.	PP	No change
Order Cancellation Status Report	setr.017.001.03	Gives the status of an order cancellation instruction message that was previously sent by the instructing party.	PP	No change
Price Report	reda.001.001.04	To provide price information for financial instruments on given trade dates.	PP	NEW VERSION
Custody Statement Of Holdings	semt.002.001.02	Reports, at a specified moment in time, the quantity and identification of financial instruments that a product provider holds for the TPA.	PP	No change
Statement of Investment Fund Transactions	semt.006.001.02	Provide detailed transactions (increases and decreases) of holdings which occurred during a specified period of time.	PP	NEW MESSAGE

Creating An Order

Cut Off Time

The dealing point for a particular order is determined by the time it arrives at the product provider relative to the fund dealing cut-off time. The arrival time will be measured against the timestamp supplied by the message carrier. For example the timestamp carried in the Swift header.

Investment Accounts and Sub Accounts

The account structure that the product providers use is often based on a tree structure. A client may have a pension scheme with both defined benefit and defined contribution sections and with each section being further split into a collection of subdivisions. It is very often the case that the same financial instrument is held on one or more of the subdivisions. To this end we make use of both the investment account and the sub-account identifiers to identify the client's holdings.

The investment account identification in the message should hold a high level identifier and additional information should be provided to specify the target sub-account at the order level.

Order messages must only contain references to investment sub-accounts within the investment account specified in the message.

Fund Identification

Wherever possible financial instruments should be identified with an ISIN code. It is allowable to use a proprietary identification for the financial instrument if this is required by the product provider.

Non-Priced Financial Instruments

It is allowable to submit orders and cash into investment accounts that are not unitised. It was agreed that we would support these deals by allowing a proprietary fund identifier which would be defined by the product provider.

To maintain consistency of processing of orders for non-priced financial instruments there would be a confirmation message for a dummy fund with a unit price of 1 base currency unit e.g. one Pound Sterling.

Order Reference

The order reference must be unique across all order types from a particular sender. The order reference can be no more than 16 characters long.

Multiple Orders Per Message

Corporate pensions market practice supports the inclusion of multiple orders in both subscription and redemption order messages. The following guidelines should be discussed with your counterparty when considering grouping orders together in one message.

Creating An Order

Guidelines for allowing multiple order details in a redemption or subscription order.	
1	Pricing point. Should all the orders be for a single pricing point?
2	Fund deadline. Should all the orders be for funds sharing the same fund deadline?
3	Currency. Should all the orders within one message be denominated in a single currency?
4	Cash settlement. Should there be a single cash settlement for subscription orders and a single point of deposit for redemptions?
5	Order denomination. Consider whether all the orders should have the same denomination e.g. all cash or all unit driven

Table 1 Guidelines for grouping multiple orders in a single message

Cash Settlement Details

Subscription orders may include bulk cash settlement details. If these are present it is mandatory that the target bank account (the creditor bank account) details should be provided. The source bank details are now optional – this is a change in version 4 of ViaNova.

Redemption orders include bulk cash settlement details. This element may contain the details of the account to which the TPA would like the redemption proceeds paid and proposed cash settlement reference.

Bank Account Identification

Whenever possible, bank accounts must be identified by IBAN¹ and banks must be identified with the BIC code².

Bulk Cash Settlement

Third party administrators and product providers will support bulk cash settlements. This means that for any particular dealing date they may send many individual orders which would be settled by a single bulk cash payment. Each order would include details of the bulk cash settlement. The TPA will be able to indicate which orders are covered by the bulk payment by the use of a single credit transfer reference and a common bank account.

Bulk Settlement of Redemptions

Cash settlements across multiple redemption orders can be grouped by bulk payment reference and creditor bank account. The payment references provide an opportunity for product providers to group redemption payments grouping by currency, IBAN and payment reference.

Cash settlement details have been made optional in the redemption confirmation message. However product providers should provide cash settlement details in the redemption confirmation message whenever this is possible. They should also include a cash settlement reference to assist with automated cash reconciliation.

² BIC Code. SWIFT Bank Identifier Code.



Bulk Settlement of Subscriptions

TPAs can indicate a bulk cash settlement by using the same bulk payment reference and bank account details across several messages.

Decimal Numbers – supported decimal places

The ViaNova business requirements put no restriction on the number of decimal places specified in currency values, unit amounts and percentages other than those set down in the ISO 20022 standard. Care should therefore be taken when setting up new messaging links with any new counterparty that any actual decimal place limitations are noted and allowed for.

Switch Orders

Switch orders are made up of a collection of redemption legs and subscription legs. The redemption legs are used to raise cash, which is then distributed according to the instructions included in the subscription legs. The switch message must only contain references to investment sub-accounts within the same investment account. The investment account must be specified in the Switch Order Details and be consistent in the Redemption and Subscription Leg details.

Switch order denomination rules. These rules define the best practice for the denomination of switch messages in the UK corporate pensions industry.	
1	Multiple redemptions can have different value denominators. A mixture of cash, units and percentages is permissible.
2	Subscription legs must all have the same denominator.
3	If redemption legs have a mixture of denominators then the subscription legs must all be percentage denominated.
4	A message with multiple redemption legs and multiple subscription legs is permissible.
5	Switch order confirmations should represent the complete set of transactions which were executed to support the original switch order. Confirmations for a single switch order should be sent in a single message.
6	Cash subscriptions must have cash redemptions.

Table 2 Switch order rules.

Switch Types

Two type of switch transactions are supported by ViaNova business requirements:

Type 1 is a switch between funds with a single product provider and a single portfolio; a switch between two financial instruments in the same investment sub account

Type 2 is a switch between funds with a single product provider and two portfolios with the same beneficial owner; a switch between two financial instruments in two investment sub accounts within one investment account.

Rounding problems with switch legs denominated as a percentage

There is a problem when using percentages to denominate the size of subscription legs. When switch transactions are aggregated a small transaction can get lost if it represents a percentage of the redemption proceeds smaller than the number of decimal places which the product provider is capable of accepting.

If it is possible to denominate the redemption and subscription legs entirely in cash then transactions are not lost since the cash values are absolute and immune to rounding errors.

No agreement was reached on the resolution to this problem. However TPAs should be aware of this problem and consider it when aggregating deals.

Trans-Currency Orders

It is possible for clients to submit orders denominated in a currency other than the fund base currency. Orders will only be accepted in currencies that had been agreed up front and some product providers may only agree to receiving orders in one currency.

Settlement may be requested in a different currency using the requested settlement currency element.

The order confirmation would confirm back the order details as received, so the currency of the confirmation net amount will be the same as the order net amount. If the order currency is not the same as the fund currency the product provider will state the exchange rate which was used to convert to the fund base currency and show the subscribed amount both in the subscribed currency and the fund currency.

The TPA should check with the product provider before embarking on multi-currency order processing.

Trans-Currency Switch Orders

A trans-currency switch is one that involves switching between funds with different base currencies. This type of transaction is seen mostly outside the UK market; most cases we have seen so far come out of Luxembourg.

There are two alternative approaches to the construction of switch confirmation messages live in the market at the moment. In both cases the switch confirmation subscription legs show the net amount in the fund base currency. The difference lies in whether the redemption leg confirmation net amounts are shown in the base currency of the fund being redeemed or in the base currency of the fund where the subscription is to be made.

In the cases where redemption legs are not denominated in the base currency of the fund being redeemed the base currency amount that was actually redeemed will probably appear in the 'from amount' element in the foreign exchange details.

Since there is no single market practice for trans-currency switch confirmations it will be necessary to check with your counterparty to see which approach they are taking. We are adding support for the FX details elements in the switch confirmation message to make both approaches allowable.

Standing Data

Product providers must publish standing data to enable the unambiguous identification of data items including (but not limited to):

- Investment accounts sub-accounts
- Financial instruments
- Groups of financial instruments, which can be grouped for inclusion in an order message



Receiving Orders

Order Status Messages

Product providers are required to send a status message as soon as possible after an order is received. Where multiple orders are contained within a message the status message should refer to all the orders in the original message.

The supported order statuses are: received, accepted, rejected and cancelled.

Received

The 'received' status message does not indicate whether an order has been accepted for dealing or not – it merely indicates that the message containing the order has been received. This status is useful where product providers are unable to make an immediate decision about an order but wish to respond as to the instructing party as soon as possible.

Accepted

The 'accepted' status message confirms that an order is accepted and is ready for execution. Execution is the moment when pricing is applied. This message also contains the expected trade date (T) and, optionally, the expected settlement date.

Rejected

The 'rejected' status message indicates that the order has been rejected and will not be executed. Often one or more reasons for the rejection will be provided. In the case of switch messages rejection reasons are linked to the particular redemption or subscription leg that caused the problem.

It is possible for Product Providers to reject individual orders within a multiple order message if they wish.

Cancelled

This message confirms that an order has been cancelled. This message is usually sent in response to an order cancellation request message and may contain the reason the order has been cancelled.

Cancelling Orders

Cancellation By Order and Message Reference

It is possible to request cancellation of an order by making reference to its unique order reference and the reference of the original order message in an order cancellation request message.

Product Providers use the IndividualCancellationStatusReport sequence of the OrderCancellationStatusReportV03 message to provide cancellation statuses for each order reference.

A flexible approach to automation of order cancellations

There is flexibility in how the product provider responds to an order cancellation request message. Some product providers do not support STP order cancellations and so they will reject the cancellation request.

If there were multiple orders in the original order message the product provider may cancel all of them even if the cancellation request is for only one of them.

Cancellations and bulk cash settlement

If orders are grouped together for settlement with a cash reference and bank account, and the TPA cancels one of the orders it is up to them to alert the product providers of any changes to the previously communicated bulk cash settlement details.

Cancelling a switch order

Switch orders must always be cancelled as a whole. It is not possible to cancel a switch leg on its own. Switch orders should be cancelled by quoting the switch order reference together with the original switch message reference.



Confirming Orders

Order confirmation messages confirm back the final details of an order including the number of units bought or sold, the price and the cash value.

If a data item is available for use as part of ViaNova business requirements (whether as a mandatory or optional item) and it is received in an order message then it is mandatory that the item should be reflected back in the order confirmation message.

See the data dictionaries for each message for the details of what data items should be included in an order confirmation.

Bulk Cash Settlement Confirmation

Although cash settlement details are optional in the redemption order confirmation the best practice is that the Redemption Order Confirmation should reflect back the bulk cash settlement details from the original redemption order message and add in the source bank account from which the product provider will settle with the TPA. The actual cash settlement reference should also be provided.



Order Processing Scenarios

These scenarios start with the simplest order process. This process is known as the 'Happy Day' scenario. The order passes the product provider's validation routines and is authorised. A status message is sent back to the TPA and in due course a priced deal confirmation message is sent to the TPA.

There are then a set of scenarios which investigate how orders can be cancelled by the TPA or the product provider. Finally there are a set of scenarios which highlight the processing which may be required to cope with messages arriving in unexpected orders. There is no guarantee that messages will arrive in the order they are sent and so STP interfaces must be flexible enough to support the order processing cycle even if it does not happen in the natural order.

These scenarios are based on the assumption that message cycles should be completed. Order messages always receive an order status message as a response. Order cancellation instructions always receive an order cancellation status message.

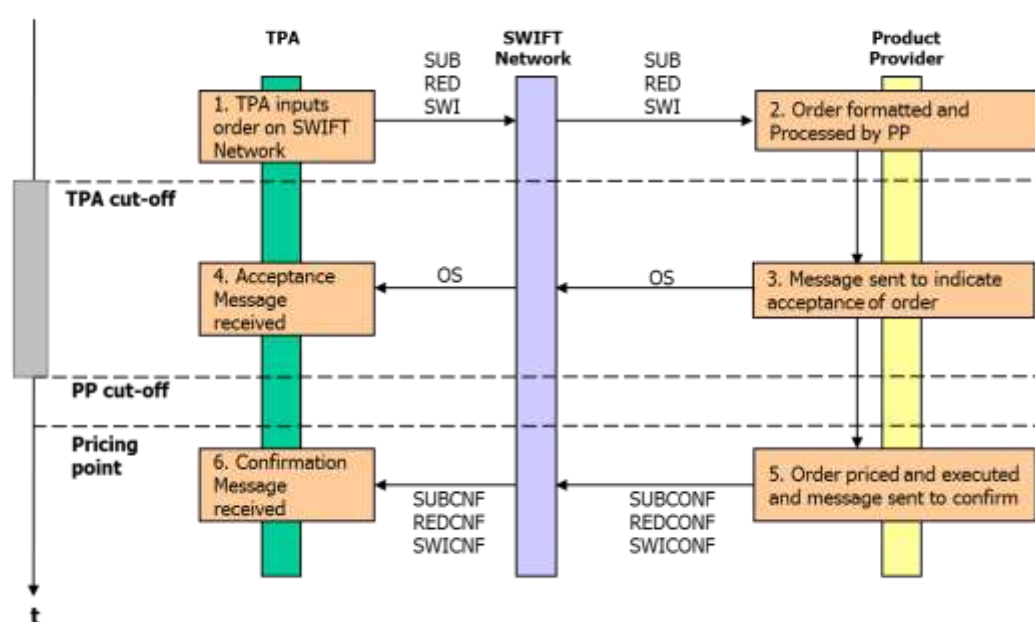
The scenarios that follow assume that messages will be sent via the SWIFTNet funds service. The term 'pricing point' referred to in these scenarios is the point in the dealing cycle when the product provider has priced the order and is ready to confirm the deal.

Order Processing Scenarios

Message Type	Name	Abbreviation
Order Messages	SubscriptionOrderV03	SUB
	RedemptionOrderV03	RED
	SwitchOrderV03	SWI
Order Cancellation Messages	SubscriptionOrderCancellationRequestV03	SUBCNC
	RedemptionOrderCancellationRequestV03	REDCNC
	SwitchOrderCancellationRequestV03	SWICNC
Order Confirmation Messages	SubscriptionOrderConfirmationV03	SUBCNF
	RedemptionOrderConfirmationV03	REDCNF
	SwitchOrderConfirmationV03	SWICNF
Order Status	OrderInstructionStatusReportV03	OS
Order Cancellation Status	OrderCancellationStatusReportV03	OCS
ACK/NACK	Returned to the originator from the network (SWIFT). When a NACK is received the originator is responsible for resolving errors and resending.	

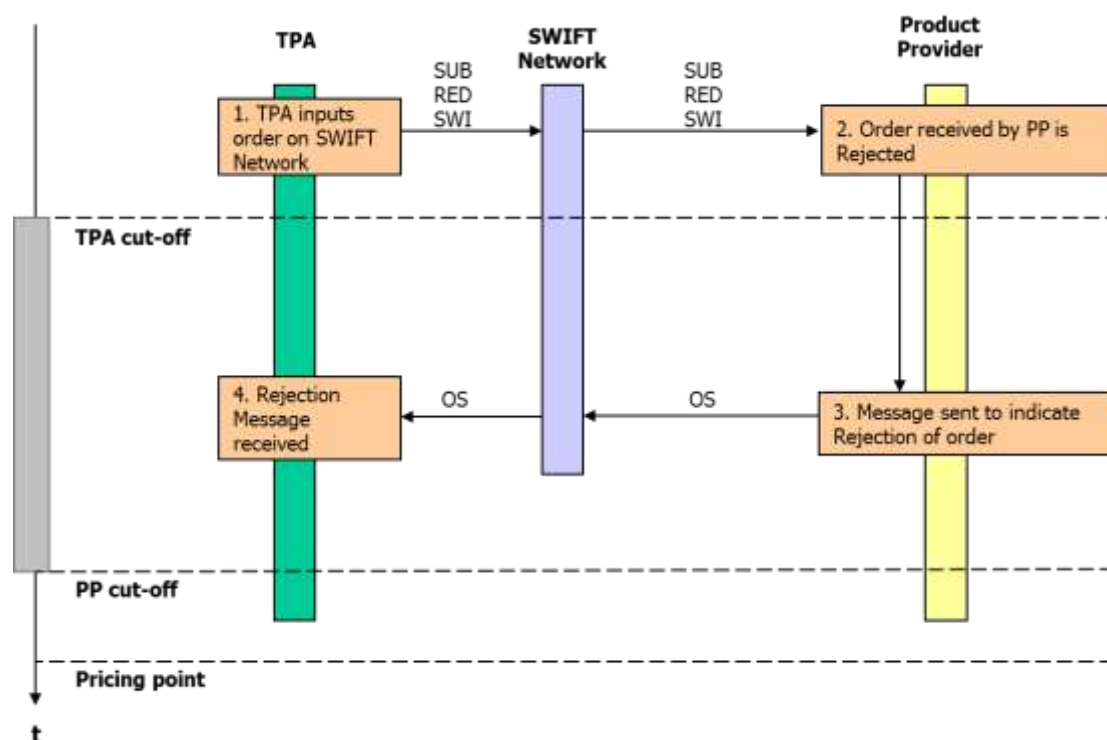
Figure 2 Messages featured in ViaNova order processing scenarios

Scenario 1 – Subs, Reds, Switch. “Happy Day”



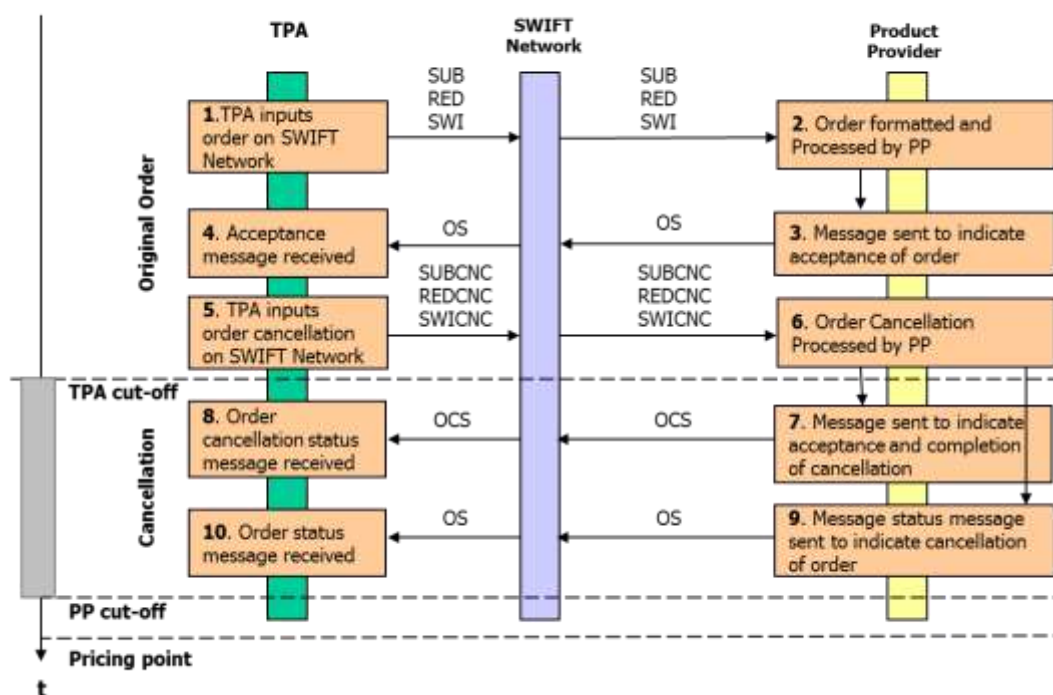
Scenario 1 The Happy Day

Order Processing Scenarios



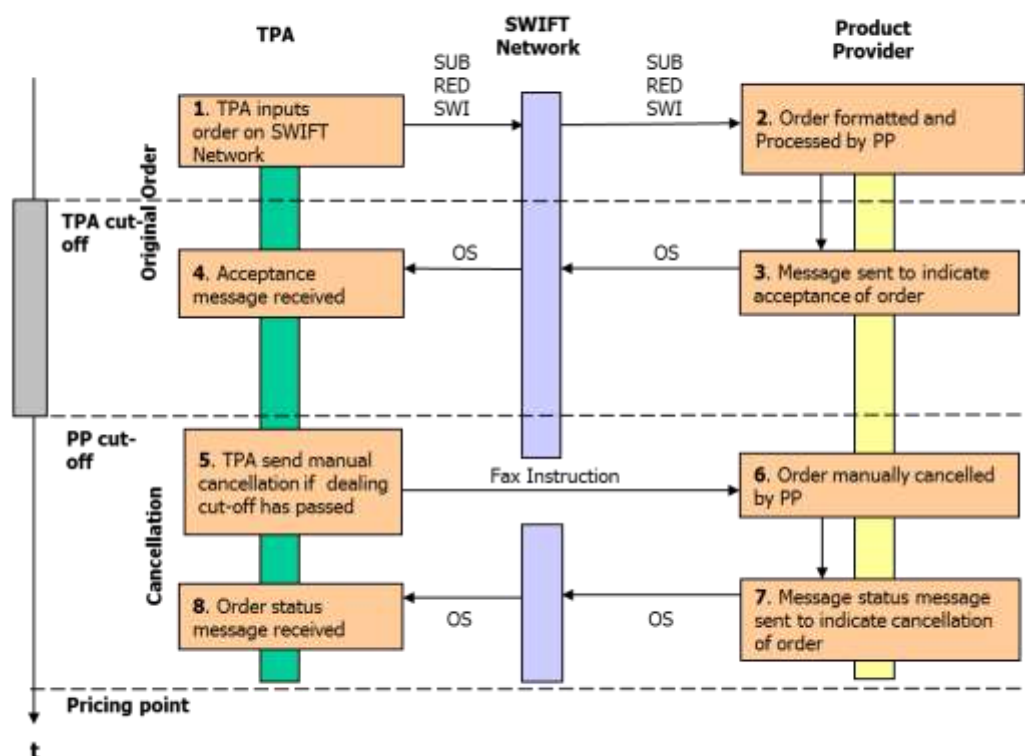
Scenario 2 Order Rejection

Scenario 3 – STP Cancellation



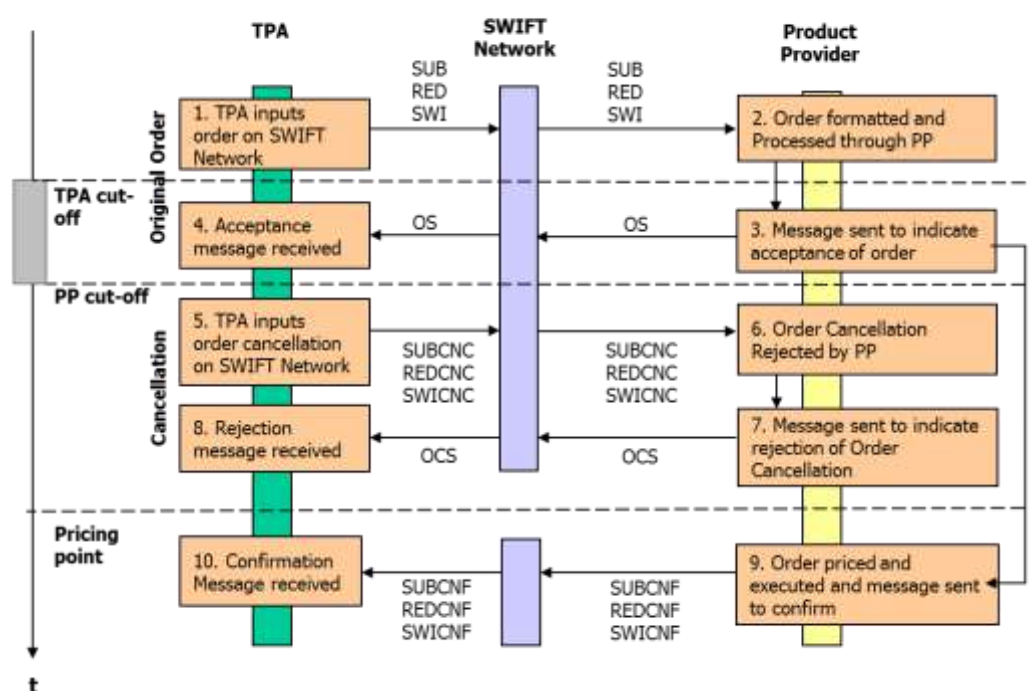
Scenario 3 STP Cancellation

Scenario 4 - Manual Cancellation



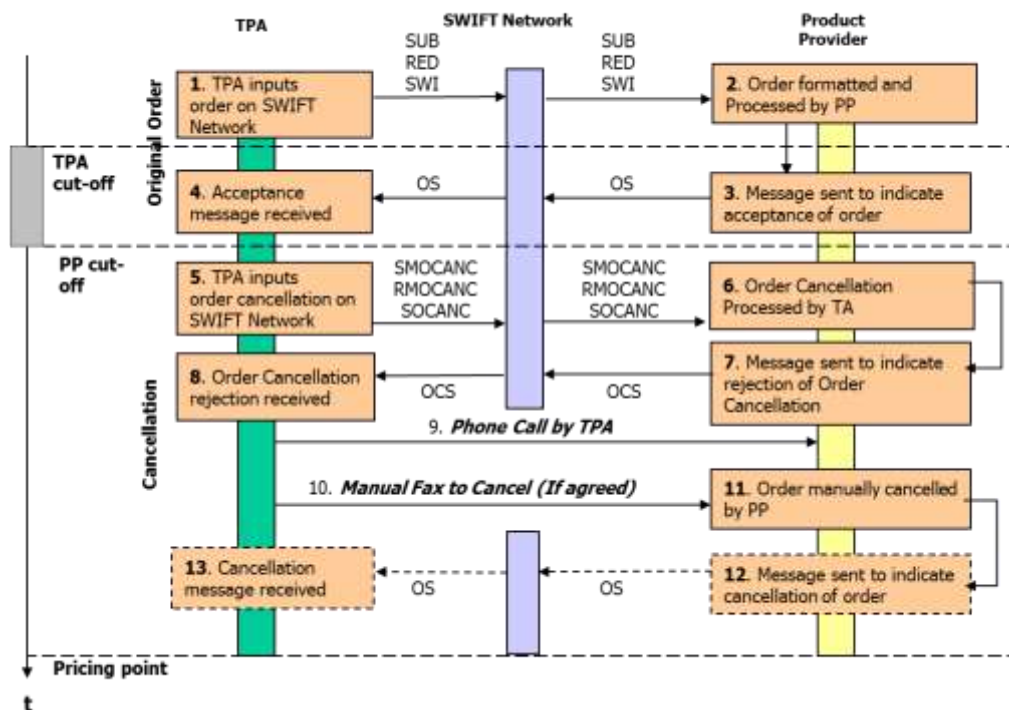
Scenario 4 Manual Cancellation

Scenario 5 –STP Cancellation Rejection



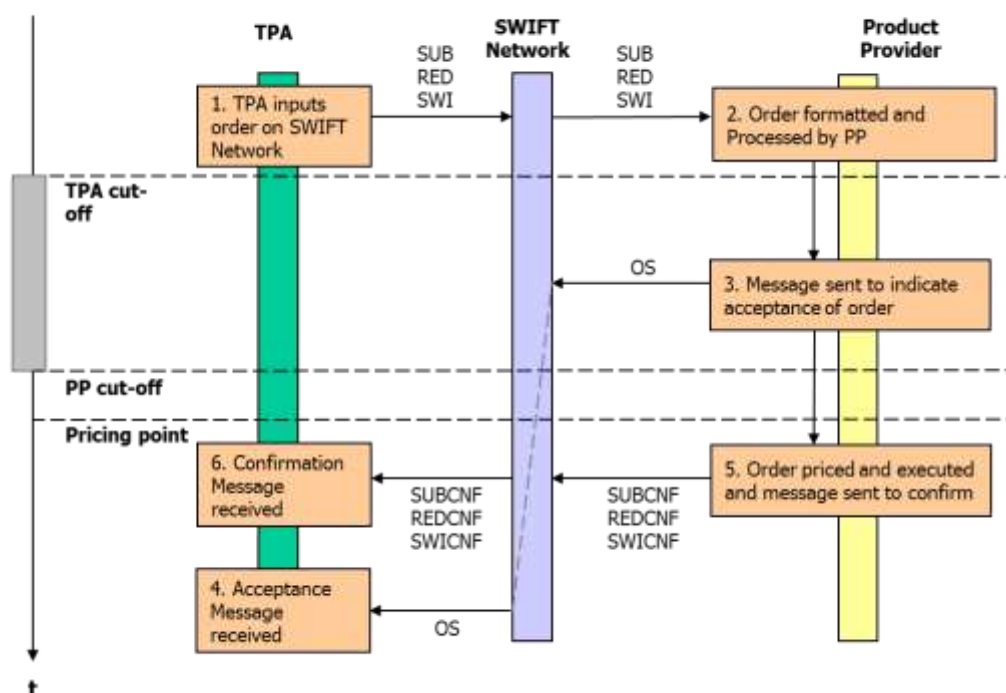
Scenario 5 STP Cancellation Rejection

Scenario 6 – Order Cancellation Rejection and Manual Resolution



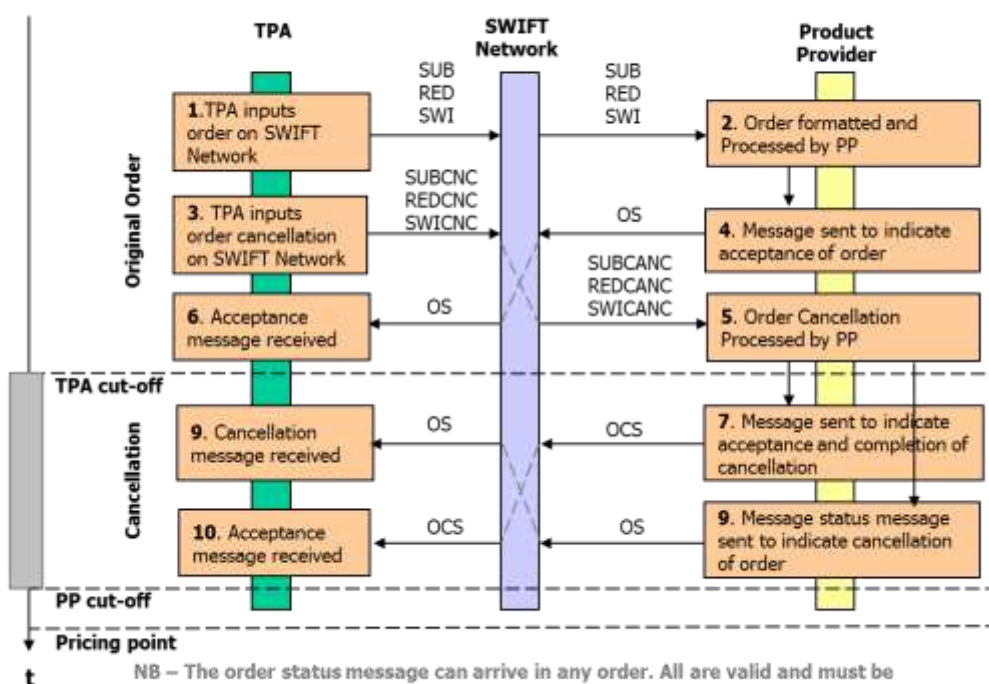
Scenario 6 Order Cancellation Rejection and Manual Resolution

Asynchronous 1 – “Happy Day” with delayed order status



Asynchronous Scenario 1 Delayed Order Status

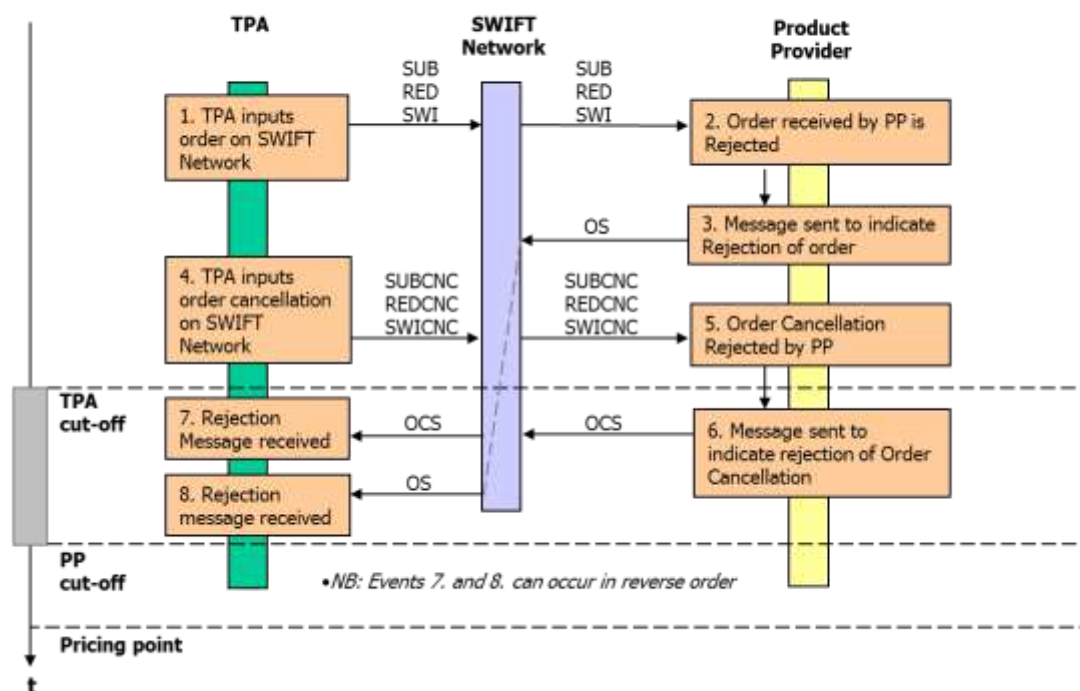
Asynchronous 2 – STP Cancellation with order and cancellation status



NB – The order status message can arrive in any order. All are valid and must be handled. E.g. Event 6 could happen last.

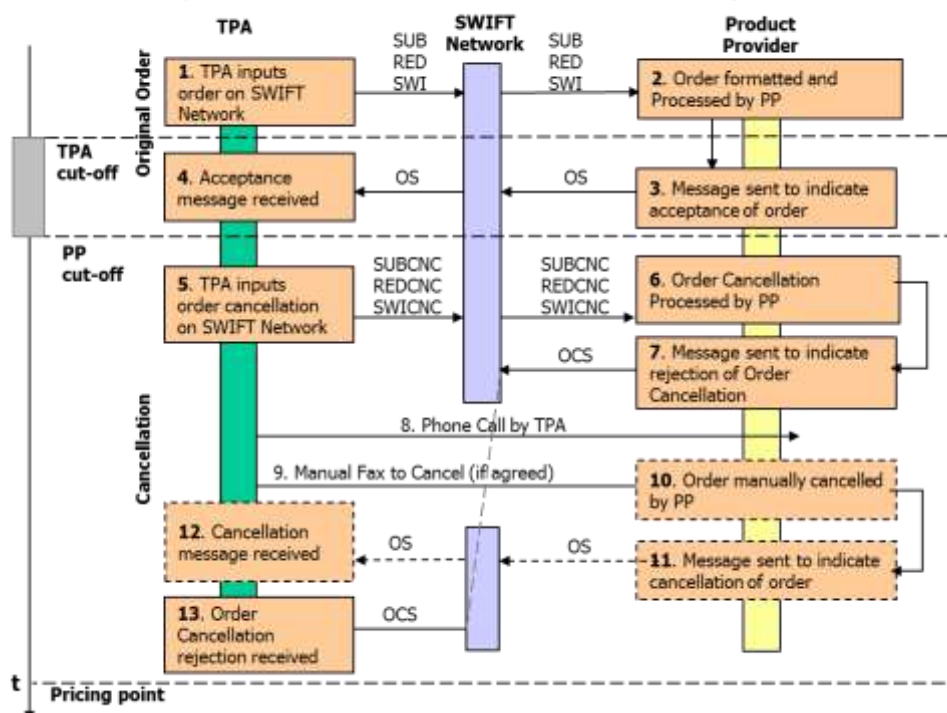
Asynchronous Scenario 2 Order Cancellation and Cancellation Status

Asynchronous 3 – Overlapping message rejection and cancellation



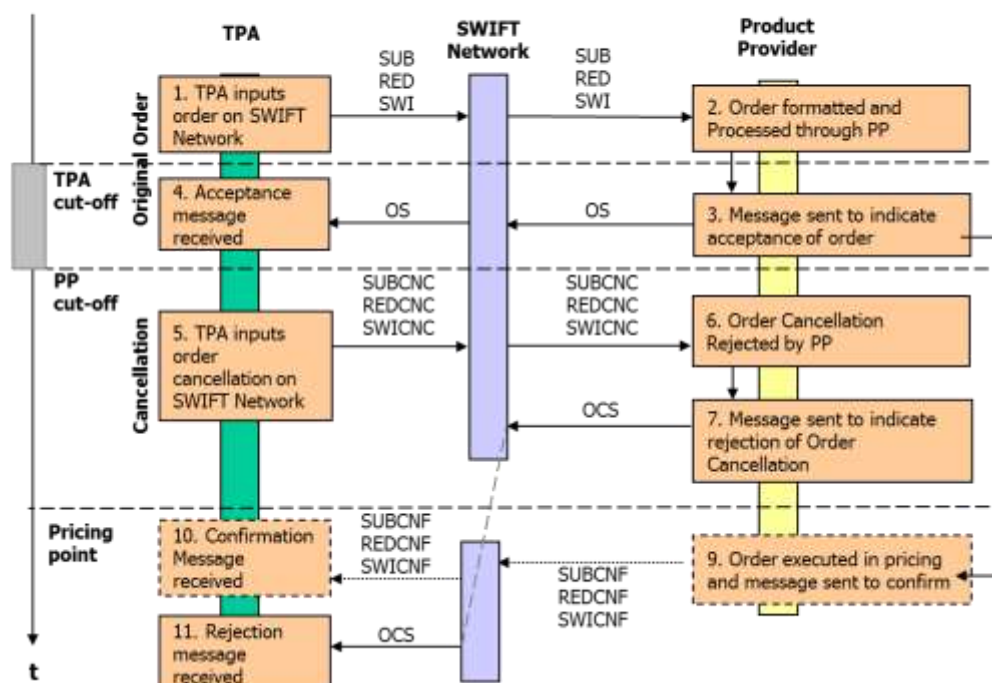
Asynchronous Scenario 3 Overlapping Message Rejection and Cancellation

Asynchronous 4 – Order Cancellation Rejection



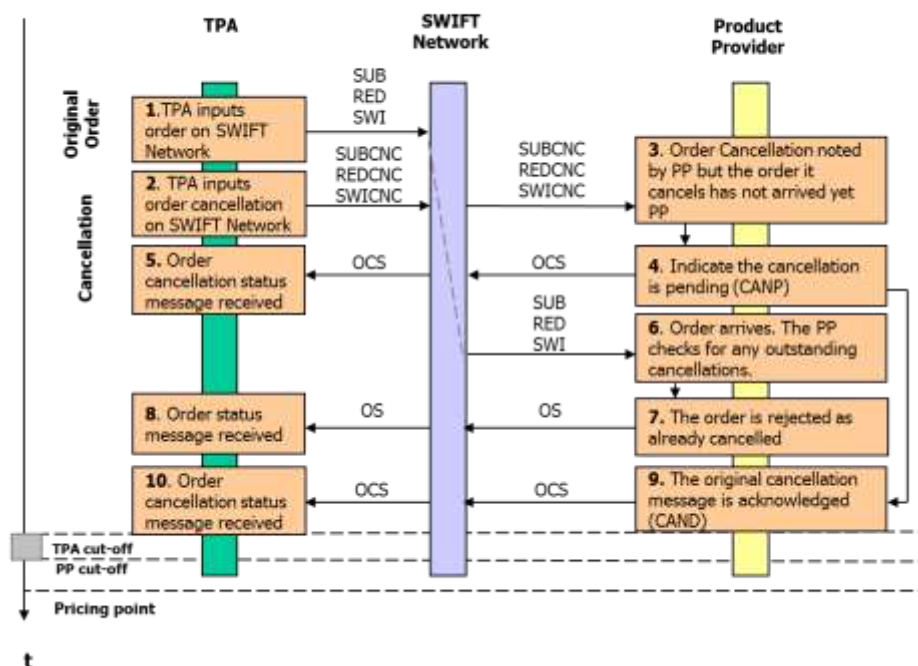
Asynchronous Scenario 4 Order Cancellation Rejection

Asynchronous 5 – STP Cancellation Rejection



Asynchronous Scenario 5 STP Cancellation Rejection

Asynchronous 6 – Cancellation arrives before order



Asynchronous Scenario 6 Cancellation arrives before the order

Order Status Messages

An order status message should be issued by the product provider as soon as possible.

Status	XML Usage	Meaning
Accepted	Using the Switch Order Details Report sequence <i><SwtchOrdRtIsRpt></i> . The Status <i><Sts></i> element contains an OrderStatus4Code of PACK	Order is accepted and is ready for execution (execution is the moment when pricing is applied).
Rejected	<p>Rejection of subscription and redemption orders is done using the Individual Order Details Report sequence <i><IndvOrdRtIsRpt></i>.</p> <p>The Rejected element <i><Rjctd></i> contains a reason code from the RejectedStatus6 code list and some optional additional information</p> <p>Rejection of switch order is done using the Switch Order Details Report sequence <i><SwtchOrdRtIsRpt></i>. The Rejected element <i><Rjctd></i> contains a reason code from the RejectedStatus6 code list and some optional additional information</p> <p>It is possible to specify the reason for rejecting a switch order using the new Leg Information sequence <i><LegInf></i>. This is a repeating sequence where subscription legs and redemption legs can be identified using the <i><RedLegId></i> or <i><SbcptLegId></i> elements and a rejection reason code from the list RejectedStatusReason7Code supplied in <i><Rsn></i> or free text supplied in <i><XtndedRsn></i>. There is also a free text additional reason element available <i><LegRjctnRsn></i>.</p>	The order is rejected and will not be executed
Cancelled	<p>Using the Switch Order Details Report sequence <i><SwtchOrdRtIsRpt></i>.</p> <p>The cancelled element <i><Canc></i> contains a choice of either a specific reason code <i><Rsn></i> from the CancelledStatusReason2Code list or a free text explanation of the cancellation in the extended reason element <i><XtndedRsn></i>. Lastly you may find the NoReason element used containing the code NORE.</p> <p>(NOTE element names have changed in this release)</p>	The order is cancelled. The reason can optionally explain how the cancellation came about.
Received	<p>Using the Switch Order Details Report sequence <i><SwtchOrdRtIsRpt></i>.</p> <p>The Status element <i><Sts></i> element contains an OrderStatus4Code of RECE</p>	Order has been received, i.e. the message has successfully been transmitted to the receiving side.

Table 3 ViaNova Order Status Messages

The PACK message should include the expected trade date (T) and (optionally) the expected settlement date in the XpctdTradDtTm and XpctdSttmtDt elements.

The OrderInstructionStatusReportV03 message has features designed to support switch orders. This includes the ability to provide rejection reasons for individual switch redemption or subscription legs.

Order Status Messages

Supplying rejection reasons for switch legs is optional in ViaNova but all participants should use the Switch Order Details elements when reporting the status of switch messages.

Use of trade date and settlement date in the order status message.

If there are multiple trade dates in a switch the status message should provide the one which is furthest in the future. This is the earliest common dealing point.



Technical Documentation

Part two of this document contains technical documentation on message usage. There is a section on each of the order message sets: subscription, redemption and switch followed by details of price, holdings and transaction statement publication.

Each section contains a message map, showing where in the ISO 20022 message specific ViaNova data items should be located. Then there is a data dictionary indicating which data items appear in each message in the group and whether they are mandatory or not. Finally there are example messages illustrating various messaging scenarios.

Subscription Orders Logical Data Items

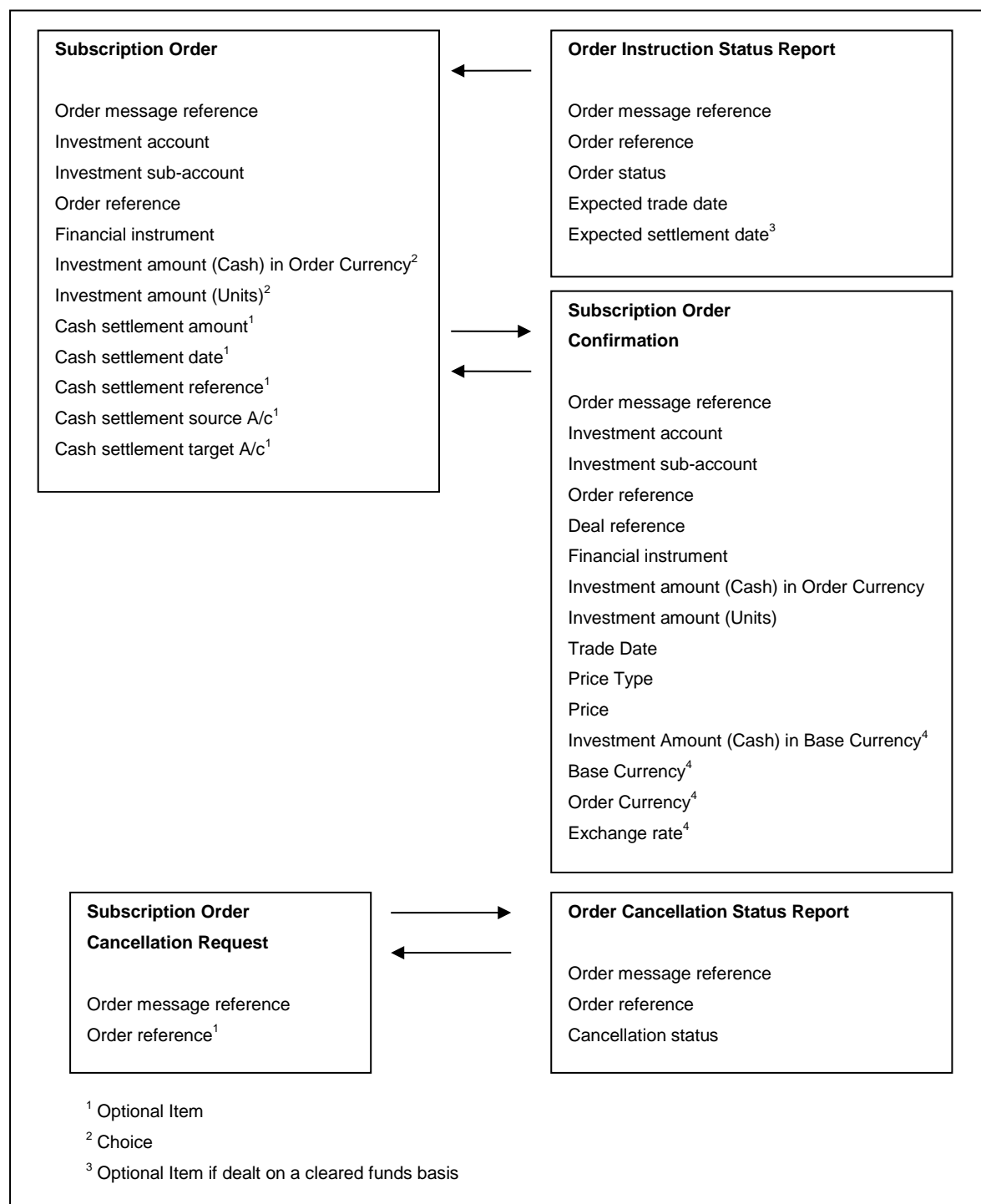


Figure 3 Subscription - Logical Data Items

Subscription Order Schema Maps

XML Schema Data Item	Content
SubscriptionOrderV03	
MessageIdentification	
Identification	Order message reference
CreationDateTime	Message Creation Time
MultipleOrderDetails	
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
IndividualOrderDetails (Repeating)	
OrderReference	Order reference
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
SubAccountForHolding	
Identification	
Proprietary	
Identification	Investment sub-account
Choice between	
UnitsNumber	
Unit	Investment amount (Units)
Or	
NetAmount	Investment amount (Cash)
PhysicalDeliveryIndicator	Physical delivery indicator - false
TotalSettlementAmount	Cash settlement amount - optional
CashSettlementDate	Cash settlement date
BulkCashSettlementDetails	
PaymentInstrument	
CreditTransferDetails	
Reference	Cash settlement reference
DebtorAccount	
Identification	
IBAN	Cash settlement source A/c - IBAN
DebtorAgent	
BIC	Cash settlement source A/c - Bank BIC
CreditorAgent	
BIC	Cash settlement target A/c - Bank BIC
CreditorAccount	
Identification	
IBAN	Cash settlement target A/c - IBAN

Schema Map 1 Subscription Order

Part Two. Section 1 - Subscription Orders

XML Schema Data Item	Content
OrderInstructionStatusReportV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation time
RelatedReference	
Reference	Order message reference
IndividualOrderDetailsReport (repeating)	
OrderReference	Order reference
Choice between	
Status	Status of the order 'RECE' or 'PACK'
Or	
Cancelled	
Choice between	
Reason	Cancellation reason code 'CANP'.
Or	
ExtendedReason	Up to 350 characters of free text
Or	
NoSpecifiedReason	No reason 'NORE'
Or	
Rejected	
Reason	Rejection reason (code)
AdditionalInformation	Rejection additional information
NewDetails	
ExpectedTradeDateTime	
DateTime	Expected trade date
ExpectedCashSettlementDate	Expected settlement date

Schema Map 2 Order Instruction Status Report

XML Schema Data Item	Content
SubscriptionOrderConfirmationV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation time
RelatedReference	
Reference	Order message reference of the order being confirmed
MultipleExecutionDetails	
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
IndividualExecutionDetails (Repeating)	
OrderReference	Order reference
DealReference	Deal reference
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
SubAccountForHolding	
Identification	
Proprietary	
Identification	Investment sub account
UnitsNumber	
Unit	Investment amount (units)
NetAmount	Investment amount (cash)
TradeDateTime	
DateTime	Trade date
DealingPriceDetails	
Type	Price type
Value	
Amount	Price
SettlementAmount	Investment amount (cash) - repeated here
PartiallyExecutedIndicator	
CumDividendIndicator	
ForeignExchangeDetails	<i>FX details optional. To be used where investment amount (cash) currency is different from the fund's base currency</i>
ToAmount	Investment amount (cash) in the fund's base currency

Part Two. Section 1 - Subscription Orders

FromAmount	Investment amount (cash) repeated here again
UnitCurrency	Currency in which exchange rate is expressed. Fund base currency
QuotedCurrency	Currency into which the currency is converted. Order currency
ExchangeRate	Exchange rate
PhysicalDeliveryIndicator	Physical delivery indicator

Schema Map 3 Subscription Order Confirmation

XML Schema Data Item	Content
SubscriptionOrderCancellationRequestV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
PreviousReference	
Reference	Order message reference of order message containing orders to be cancelled
CancellationByReference	
OrderReferences	
OrderReference	Order reference

Schema Map 4 Subscription Order Cancellation

XML Schema Data Item	Content
OrderCancellationStatusReportV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
RelatedReference	
Reference	Message reference of order being cancelled
IndividualCancellationStatusReport	
OrderReference	Order reference
Choice between	
Status	Cancellation status 'CANP' or 'CAND'
Or	
Rejected	
Choice between	
Reason	Cancellation rejection reason
Or	
ExtendedReason	Cancellation rejection reason additional information

Schema Map 5 Order Cancellation Status Report

Subscription Data Dictionary	Subscription	Status	Confirmation	Cancellation	Cancellation Status
Base Currency			O4		
Cancellation rejection reason					M4
Cancellation rejection reason additional information					M4
Cancellation status. 'CANP' or 'CAND'					M4
Cash settlement amount	O2				
Cash settlement date	O2				
Cash settlement reference	O1				
Cash settlement source account (IBAN)	O2				
Cash settlement source bank (BIC)	O2				
Cash settlement target account (IBAN)	O2M				
Cash settlement target bank (BIC)	O2M				
Deal reference			M		
Exchange rate			O4		
Expected settlement date (or datetime)		O2			
Expected trade date (or datetime)		M5			
Financial instrument (ISIN) - quoted by preference where available	M1		M1		
Financial instrument (proprietary identification)	M1		M1		
Indicates whether the dividend is included in the executed price			M		
Indicates whether the order has been partially executed (Yes or No)			M		
Investment account	M		M		
Investment Amount (Cash) in Base Currency			O4		
Investment amount (Cash) in Order Currency	M2		M		
Investment amount (units)	M2		M		
Investment Sub Account	O		O		
Order Currency			O4		
Order message reference	M	M	M	M	M
Order reference	M	M	M		
Physical delivery indicator	M		M		
Previous order message reference (Ref. to previously cancelled order)	O3				
Previous order reference issuer BIC	O3				
Price			M		
Price Type			M		
Proprietary identification source	M1		M1		
Rejection Additional Information (Optional)		O			
Rejection Reason		M3			
Status of the order 'RECE' and 'PACK'		M3			
Trade Date or Datetime			M		

O - Optional item

O1 - Optional cash settlement reference

O2 - Optional cash settlement details.

O2M - Target bank account details are mandatory if cash settlement details are included

O3 - Optional reference to previously cancelled order

O4 - Optional FX details in confirmation message

M - Mandatory item

M1 - Mandatory financial instrument identification

M2 - Mandatory investment amount or cash value

M3 - Mandatory order status choice

M4 - Mandatory order cancellation group

M5 - Mandatory expected settlement date in PACK status message

Data Dictionary 1 Subscription Processing

Subscription Order Processing – Example Messages

Subscription order using ISIN codes

<pre> <Document xmlns="urn:swift:xsd:setr.010.001.03" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <SbcptOrdV03 xmlns="urn:swift:xsd:setr.010.001.03"> <MsgId> <Id>VNA04.00XML01.01</Id> <CreDtTm>2010-04-29T14:24:00</CreDtTm> </MsgId> <MltplOrdDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvOrdDtls> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>3000.00</Unit> </UnitsNb> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdDtls> <IndvOrdDtls> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0002</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>500.00</Unit> </UnitsNb> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdDtls> <TtlSttlmAmt Ccy="GBP">75000.00</TtlSttlmAmt> <CshSttlmDt>2007-07-01</CshSttlmDt> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <CdtrAgt> <BIC>BANKGB2TGT1</BIC> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdDtls> </SbcptOrdV03> </Document> </pre>	<p>Subscription Order using ISIN codes</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message contains the details of two orders.</p> <p>Financial instruments are identified using ISIN codes.</p> <p>The orders in this message are denominated in units. Order references can be up to 16 characters long.</p>
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Part Two. Section 1 - Subscription Orders

<pre> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdDtls> </SbcptOrdV03> </Document> </pre>	
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XML Example1 Subscription order using ISIN codes

Subscription order with proprietary fund identification

<pre> <Document xmlns="urn:swift:xsd:setr.010.001.03" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <SbcptOrdV03 xmlns="urn:swift:xsd:setr.010.001.03"> <MsgId> <Id>VNA04.00XML02.01</Id> <CreDtTm>2008-02-11T17:21:00</CreDtTm> </MsgId> <MltplOrdDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvOrdDtls> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID1</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <NetAmt Ccy="GBP">150000.00</NetAmt> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdDtls> <IndvOrdDtls> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID2</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <NetAmt Ccy="GBP">200000.00</NetAmt> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdDtls> <TtlSttlmAmt Ccy="GBP">350000.00</TtlSttlmAmt> <CshSttlmDt>2007-07-01</CshSttlmDt> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdDtls> </SbcptOrdV03> </Document> </pre>	<p>Subscription order with proprietary fund identification</p> <p>The message reference can be up to 16 characters long.</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory.</p> <p>This message contains two orders. The order references can be up to 16 characters long.</p> <p>The financial instruments are identified using proprietary codes.</p> <p>Both the orders in the message are denominated in cash.</p> <p>Bulk cash settlement details are included including a settlement</p>
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Part Two. Section 1 - Subscription Orders

<pre> <CdtrAgt> <BIC>BANKGB2TGT1</BIC> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdrDtls> </SbcptOrdrV03> </Document> </pre>	<p>date and reference and details of the source and target accounts for the cash settlement.</p>
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XML Example2 Subscription order with proprietary fund identification

Trans-currency subscription order

<pre> <Document xmlns="urn:swift:xsd:setr.010.001.03" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" > <SbcptOrdrV03 xmlns="urn:swift:xsd:setr.010.001.03"> <MsgId> <Id>VNA04.00XML03.01</Id> <CreDtTm>2007-07-11T12:27:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF(1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID1</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <NetAmt Ccy="USD">300000.00</NetAmt> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdrDtls> <TtlSttlmAmt Ccy="USD">300000.00</TtlSttlmAmt> <CshSttlmDt>2007-07-12</CshSttlmDt> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <BIC>BANKUS2TGT1</BIC> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdrDtls> </SbcptOrdrV03> </Document> </pre>	<p>Trans currency subscription order</p> <p>Message and order references can be up to 16 characters long.</p> <p>This order can be considered a trans currency case since the net amount of the order and its associated settlement amount are denominated in a currency (USD) other than the fund base currency (GBP).</p> <p>The settlement bank account is a USD account.</p>
---	---

XML Example3 Trans-currency subscription order**Order instruction status report accepting two orders**

<pre> <Document xmlns="urn:swift:xsd:setr.016.001.03"> <OrderInstrStsRptV03 xmlns="urn:swift:xsd:setr.016.001.03"> <MsgId> <Id>VNA02.03XML04.01</Id> <CreDtTm>2007-06-30T11:30:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEAFX</Ref> </RltdRef> <IndvOrderDtlsRpt> <OrderRef>ORDERREF (1) XXXXX</OrderRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2007-07-01</XpctdCshSttlmDt> </NewDtls> </IndvOrderDtlsRpt> <IndvOrderDtlsRpt> <OrderRef>ORDERREF (2) XXXXX</OrderRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2007-07-01</XpctdCshSttlmDt> </NewDtls> </IndvOrderDtlsRpt> </OrderInstrStsRptV03> </Document> </pre>	<p>Order instruction status report accepting two orders</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The message identifies the original order message in the related reference element sequence.</p> <p>The message gives the status of two orders. Each order is identified by order reference.</p> <p>The expected trade and settlement date for each deal is included.</p>
--	--

XML Example4 Order instruction status report accepting two orders

Order instruction status report accepting one order and rejecting another

<pre> <Document xmlns="urn:swift:xsd:setr.016.001.03"> <OrderInstrStsRptV03> <MsgId> <Id>VNA02.03XML05.01</Id> <CreDtTm>2008-02-14T10:47:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvOrderDtlsRpt> <OrderRef>ORDERREF (1) XXXXX</OrderRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2008-02-15T12:00:00</DtTm> </XpctdTradDtTm> </NewDtls> </IndvOrderDtlsRpt> <IndvOrderDtlsRpt> <OrderRef>ORDERREF (2) XXXXX</OrderRef> <Rjctd> <Rsn>NSLA</Rsn> <AddtlInf>The sub account is not related to the investment account</AddtlInf> </Rjctd> </IndvOrderDtlsRpt> </OrderInstrStsRptV03> </Document> </pre>	<p>Order instruction status report accepting one order and rejecting another</p> <p>The message reference should be unique across all messages from a particular sender can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The message identifies the original order message in the related reference element sequence.</p> <p>The message gives the status of two orders. Each order is identified by order reference.</p> <p>The second order is rejected and additional information is supplied in addition to the order rejection reason code.</p>
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XML Example5 Order instruction status report accepting one order and rejecting another

Subscription order cancellation request using order and message references

<pre> <Document xmlns="urn:swift:xsd:setr.011.001.03"> <SbcptOrdxCxlReqV03> <MsgId> <Id>VNA02.03XML06.01</Id> <CreDtTm>2008-11-02T17:14:00</CreDtTm> </MsgId> <PrvsRef> <Ref>ORDERMSGREFXXXX</Ref> </PrvsRef> <CxlByRef> <OrdRefs> <OrdRef>ORDERREFERENCEXX</OrdRef> </OrdRefs> </CxlByRef> </SbcptOrdxCxlReqV03> </Document> </pre>	<p>Subscription order cancellation request using order and message references</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message quotes both the reference of the order to cancel and the message reference of the original order message.</p> <p>The cancellation by reference sequence <CxlByRef> allows for more than one order in a previous order message to be requested to be cancelled.</p> <p>Quoting the order message reference ensures backwards compatibility with previous versions of this market practice</p>
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XML Example6 Subscription order cancellation

Order cancellation status report accepting a cancellation by order reference

<pre> <Document xmlns="urn:swift:xsd:setr.017.001.03"> <OrdxCxlStsRptV03> <MsgId> <Id>VNA02.03XML08.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvCxlStsRpt> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <Sts>CAND</Sts> </IndvCxlStsRpt> </OrdxCxlStsRptV03> </Document> </pre>	<p>Order cancellation status report accepting a cancellation using the order reference</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message is giving the status of a previously requested cancellation.</p> <p>The order reference is quoted</p>
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XML Example7 Order cancellation status report - accepted

Order cancellation status report accepting one cancellation and rejecting another by order reference

<pre> <Document xmlns="urn:swift:xsd:setr.017.001.03"> <OrdxCxlStsRptV03> <MsgId> <Id>VNA02.03XML09.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvCxlStsRpt> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <Sts>CAND</Sts> </IndvCxlStsRpt> <IndvCxlStsRpt> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <Rjctd> <Rsn>CUTO</Rsn> </Rjctd> </IndvCxlStsRpt> </OrdxCxlStsRptV03> </Document> </pre>	<p>Order cancellation status report accepting one cancellation and rejecting another using order references</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>This message is giving the status of a previously requested cancellation using the order reference</p> <p>The first cancellation has succeeded but the second has failed.</p>
--	---

XML Example8 Order cancellation status report - one accepted, one rejected

Subscription order confirmation

<pre> <Document xmlns="urn:swift:xsd:setr.012.001.03"> <SbcptOrdConfV03 xmlns="urn:swift:xsd:setr.012.001.03"> <MsgId> <Id>VNA02.03XML10.01</Id> <CreDtTm>2007-06-30T11:45:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID1</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>10000.00</Unit> </UnitsNb> <NetAmt Ccy="GBP">150000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp>SWNG</Tp> </DealgPricDtls> </IndvExctnDtls> </MltplExctnDtls> </SbcptOrdConfV03> </Document> </pre>	<p>Subscription order confirmation</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The related reference refers to the original order message which contained the orders confirmed by this message.</p> <p>This confirmation message confirms the actions of two orders. In this case the confirmation includes details for all the orders in the original order, but this may not</p>
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Part Two. Section 1 - Subscription Orders

<pre> <Val> <Amt Ccy="GBP">15.00</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">150000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <DealRef>DEAL REFERENCE (2)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID2</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>50000.00</Unit> </UnitsNb> <NetAmt Ccy="GBP">200000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="GBP">4.00</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">200000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> </MltplExctnDtls> </SbcptOrdrConfV03> </Document> </pre>	<p>always be the case. The orders contained in an original order message may be confirmed in more than one order confirmation message. The order net amount is copied into the mandatory settlement amount element</p> <p>The order net amount is copied into the mandatory settlement amount element</p>
--	---

XML Example9 Subscription Order Confirmation

Trans-currency subscription order confirmation

<pre> <Document xmlns="urn:swift:xsd:setr.012.001.03"> <SbcptOrdrConfV03 xmlns="urn:swift:xsd:setr.012.001.03"> <MsgId> <Id>VNA02.03XML11.02</Id> <CreDtTm>2007-06-30T11:45:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> </pre>	<p>Trans currency subscription order confirmation</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation</p>
---	--

Part Two. Section 1 - Subscription Orders

<pre> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID1</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>200000.00</Unit> </UnitsNb> <NetAmt Ccy="GBP">150000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="USD">1.50</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">150000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <CumDvddInd>false</CumDvddInd> <FXDtls> <ToAmt Ccy="USD">300000.00</ToAmt> <FrAmt Ccy="GBP">150000.00</FrAmt> <UnitCcy>GBP</UnitCcy> <QtdCcy>USD</QtdCcy> <XchgRate>2.00</XchgRate> </FXDtls> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> <IndvExctnDtls> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <DealRef>DEAL REFERENCE (2)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>FINANCIALINSTRUMENT_PROPRIETARYID2</Id> <PrtryIdSrc>PROPRIETARY ID SOURCE</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>78786.67</Unit> </UnitsNb> <NetAmt Ccy="GBP">200000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="EUR">3.75</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">200000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <CumDvddInd>false</CumDvddInd> <FXDtls> </pre>	<p>datetime is mandatory.</p> <p>The confirmation identifies the order message it is confirming in the related reference</p> <p>The original order for this message had net amounts denominated in GBP for subscription into two funds with a base currency of USD and EUR respectively.</p> <p>The confirmation confirms the net amounts back in GBP and then uses the foreign exchange details to show the actual base currency amount that was invested.</p> <p>The price is provided in the fund base currency.</p> <p>The "ToAmt" element shows the base currency amount which was raised with the USD amount in the "FrAmt". The Exchange rate is the amount of the quoted currency <QtdCcy> required to buy one unit in the unit currency <UnitCcy>.</p>
---	---

Part Two. Section 1 - Subscription Orders

<pre><ToAmt Ccy="EUR">295450.00</ToAmt> <FrAmt Ccy="GBP">200000.00</FrAmt> <UnitCcy>GBP</UnitCcy> <QtdCcy>EUR</QtdCcy> <XchgRate>1.47725</XchgRate> </FXDtls> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> </MltplExctnDtls> </SbcptOrdrConfV03> </Document></pre>	
---	--

XML Example10 Trans-currency subscription order confirmation

Redemption Orders Logical Data Items

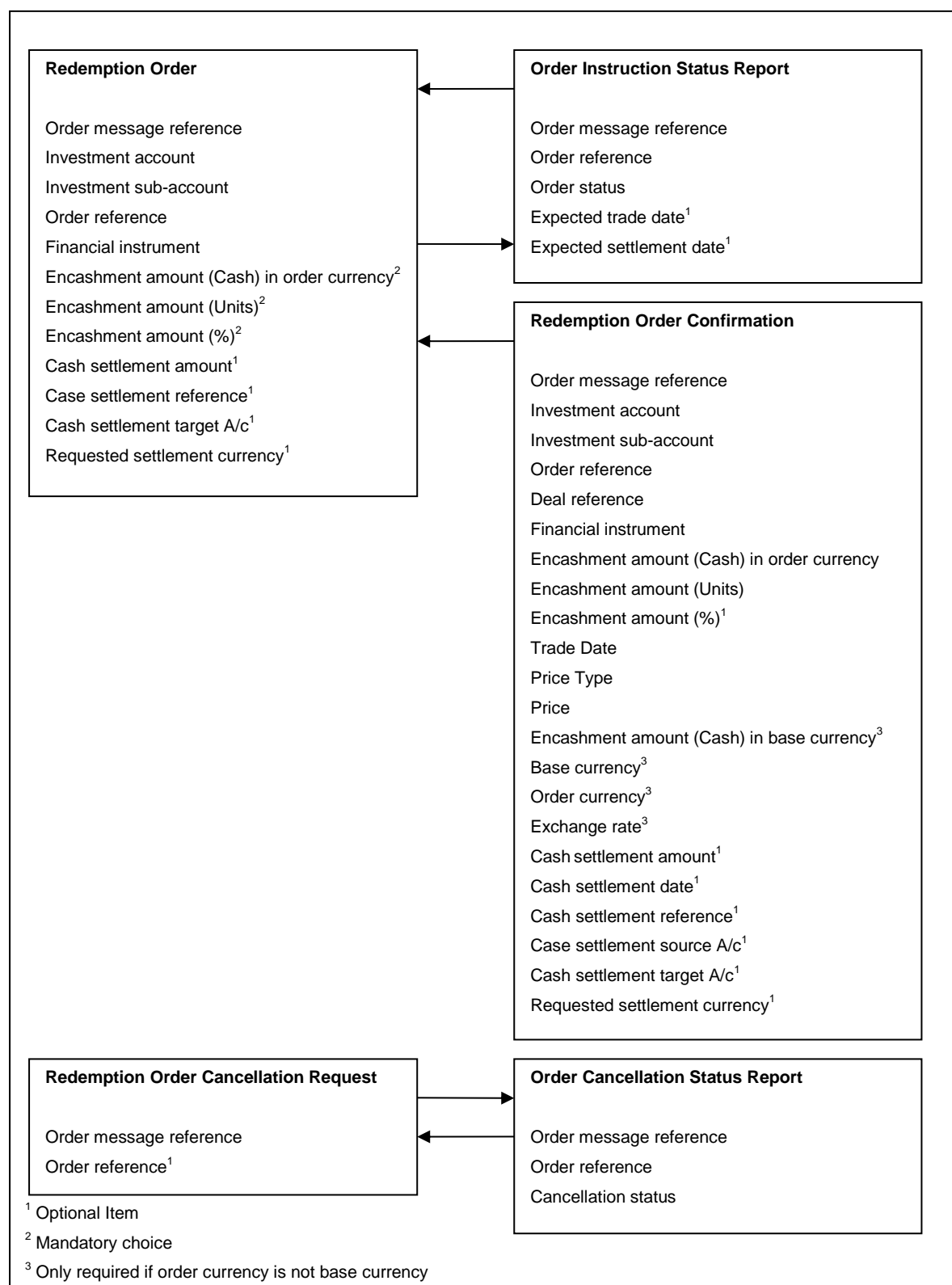


Figure 4 Redemption Orders - Logical Data Items

Redemption Orders Schema Maps

XML Schema Data Item	Content
RedemptionOrderV03	
MessageIdentification	
Identification	Order message reference
CreationDateTime	Message creation date and time
MultipleOrderDetails	
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
IndividualOrderDetails (Repeating)	
OrderReference	Order reference
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (Proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
SubAccountForHolding	
Identification	
Proprietary	
Identification	Investment sub account
Choice between	
UnitsNumber	
Unit	Encashment amount (units)
Or	
NetAmount	Encashment amount (cash) - in fund base currency
Or	
HoldingsRedemptionRate	Encashment amount (%)
PhysicalDeliveryIndicator	Physical delivery indicator (false)
RequestedSettlementCurrency	Requested Settlement Currency
BulkCashSettlementDetails	
PaymentInstrument	
CreditTransferDetails	
Reference	Cash settlement reference
CreditorAgent	
BIC	Cash settlement target bank (BIC)
CreditorAccount	
Identification	
IBAN	Cash settlement target account (IBAN)
TotalSettlementAmount	Encashment amount (cash) in settlement currency (optional)

Schema Map 6 Redemption Order

XML Schema Data Item	Content
OrderInstructionStatusReportV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation time
RelatedReference	
Reference	Order message reference
IndividualOrderDetailsReport (repeating)	
OrderReference	Order reference
Choice between	
Status	Status of the order 'RECE' or 'PACK'
Or	
Cancelled	
Choice between	
Reason	Cancellation reason code 'CANP'.
Or	
ExtendedReason	Up to 350 characters of free text
Or	
NoSpecifiedReason	No reason 'NORE'
Or	
Rejected	
Reason	Rejection reason (code)

Part Two. Section 2 - Redemption Orders

Additional Information	Rejection additional information
NewDetails	
ExpectedTradeDateTime	
DateTime	Expected trade date
ExpectedCashSettlementDate	Expected settlement date

Schema Map 7 Order Instruction Status Report

XML Schema Data Item	Content
RedemptionOrderConfirmationV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation time
RelatedReference	
Reference	Order message reference
MultipleExecutionDetails	
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
IndividualExecutionDetails (Repeating)	
OrderReference	Order reference
DealReference	Deal reference
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (Proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
SubAccountForHolding	
Identification	
Proprietary	
Identification	Investment sub account
UnitsNumber	
Unit	Encashment amount (Units)
NetAmount	Encashment amount (Cash) in fund base currency
HoldingsRedemptionRate	Encashment amount (%)
TradeDateTime	
DateTime	Trade date
Settlement Amount	Encashment amount (Cash) in settlement currency
PartiallyExecutedIndicator	Indicates partial execution of the order. Default to false
DealingPriceDetails	
Type	Price type
Value	
Amount	Price
CumDividendIndicator	Cum dividend indicator
ForeignExchangeDetails	
ToAmount	Encashment amount (Cash) in order currency
FromAmount	Encashment amount (Cash) in base currency
UnitCurrency	Base currency
QuotedCurrency	Order currency
ExchangeRate	Exchange rate
PhysicalDeliveryIndicator	Default to false
RequestedSettlementCurrency	Requested settlement currency
TotalSettlementAmount	Cash settlement amount
CashSettlementDate	Cash settlement date
BulkCashSettlementDetails	
PaymentInstrument	
CreditTransferDetails	
Reference	Cash settlement reference
DebtorAccount	
Identification	
IBAN	Cash settlement source account (IBAN)
DebtorAgent	
BIC	Cash settlement source bank (BIC)
CreditorAgent	
BIC	Cash settlement target bank (BIC)
CreditorAccount	
Identification	
IBAN	Cash settlement target account (IBAN)

Part Two. Section 2 - Redemption Orders

Schema Map 8 Redemption Order Confirmation

XML Schema Data Item	Content
RedemptionOrderCancellationRequestV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
PreviousReference	
Reference	Order message reference
CancellationByReference	
OrderReferences	
OrderReference	Order reference

Schema Map 9 Redemption Order Cancellation

XML Schema Data Item	Content
OrderCancellationStatusReportV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
RelatedReference	
Reference	Message reference of order being cancelled
IndividualCancellationStatusReport	
OrderReference	Order reference
Choice between	
Status	Cancellation status 'CANP' or 'CAND'
Or	
Rejected	
Choice between	
Reason	Cancellation rejection reason
Or	
ExtendedReason	Cancellation rejection reason additional information

Schema Map 10 Order Cancellation Status Report

Part Two. Section 2 - Redemption Orders

Redemption Data Dictionary	Redemption	Status	Confirmation	Cancellation	Cancellation Status
Base currency			O2		
Cancellation rejection reason					M1
Cancellation rejection reason additional information					O
Cancellation status					M1
Cash settlement amount	O1		M		
Cash settlement date			M		
Cash settlement reference	O1		O		
Cash settlement source account (IBAN)			O		
Cash settlement source account BIC			O		
Cash settlement target account (IBAN)	O1		O		
Cash settlement target account BIC	O1		O		
Cumulative dividend indicator			M		
Deal reference			M		
Encashment amount (%)	M2		O		
Encashment amount (cash) in base currency			O2		
Encashment amount (cash) in order currency	M2		M		
Encashment amount (units)	M2		M		
Exchange rate			O2		
Expected settlement date (or datetime)		M			
Expected trade date (or datetime)		M			
Financial instrument (ISIN)	M3		M3		
Financial instrument (proprietary identification)	M3		M3		
Investment account	M		M		
Investment sub account	O		O		
Message creation datetime	M	M	M	M	M
Message reference	M	M	M	M	M
Order confirmation reference			O		
Order confirmation reference issuer BIC			O		
Order currency			O2		
Order message name. (setr.004.001.02) (Mandatory if two refs. are used)					O
Order reference	M	M	M	O	M
Partial execution indicator			M		
Physical delivery indicator	M		M		
Price			M		
Price type			M		
Proprietary identification source			M3		
Rejection additional information (optional)		O			
Rejection reason		M4			
Requested settlement currency	O		O		
Status of the order 'RECE' and 'PACK'		M4			
Trade date or datetime			M		

O = Optional Item

O1 = Optional bulk settlement group

O2 = Optional FX details in confirmation message

M = Mandatory Item

M1 = Mandatory status choice group

M2 = Mandatory redemption amount choice

M3 = Mandatory financial instrument identifier

M4 = Mandatory order status group

Data Dictionary 2 Redemption Order Processing

Redemption Order Processing – Example Messages

Redemption Order using ISIN codes

<pre> <Document xmlns="urn:swift:xsd:setr.004.001.03"> <RedOrdrV03 xmlns="urn:swift:xsd:setr.004.001.03"> <MsgId> <Id>VNA02.03XML12.01</Id> <CreDtTm>2007-06-30T11:20:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <NetAmt Ccy="GBP">125000.00</NetAmt> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdrDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0002</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <NetAmt Ccy="GBP">65000.00</NetAmt> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdrDtls> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <BIC>BANKGB2TGT1</BIC> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdrDtls> </RedOrdrV03> </Document> </pre>	<p>Redemption Order</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message contains the details of two orders.</p> <p>The funds are identifier by using an ISIN code.</p>
---	--

XML Example11 Redemption Order Using ISIN Codes

Part Two. Section 2 - Redemption Orders

Redemption order with proprietary fund identification

```

<Document xmlns="urn:swift:xsd:setr.004.001.03">
  <RedOrdV03 xmlns="urn:swift:xsd:setr.004.001.03">
    <MsgId>
      <Id>VNA02.03XML13.01</Id>
      <CreDtTm>2007-06-30T10:55:00</CreDtTm>
    </MsgId>
    <MltplOrdDtls>
      <InvstmtAcctDtls>
        <AcctId>
          <Prtry><Id>INVESTMENT ACCOUNT</Id></Prtry>
        </AcctId>
      </InvstmtAcctDtls>
      <IndvOrdDtls>
        <OrdRef>ORDERREF (1) XXXXX</OrdRef>
        <FinInstrDtls>
          <Id>
            <OthrPrtryId>
              <Id>PROPRIETARYIDENTIFICATION (1)</Id>
              <PrtryIdSrc>PROPRIETARYIDSRC1</PrtryIdSrc>
            </OthrPrtryId>
          </Id>
        </FinInstrDtls>
        <SubAcctForHldg>
          <Id>
            <Prtry>
              <Id>INVESTMENT SUB ACCOUNT (1)</Id>
            </Prtry>
          </Id>
        </SubAcctForHldg>
        <NetAmt Ccy="GBP">125000.00</NetAmt>
        <PhysDlvryInd>false</PhysDlvryInd>
      </IndvOrdDtls>
      <IndvOrdDtls>
        <OrdRef>ORDERREF (2) XXXXX</OrdRef>
        <FinInstrDtls>
          <Id>
            <OthrPrtryId>
              <Id>PROPRIETARYIDENTIFICATION (2)</Id>
              <PrtryIdSrc>PROPRIETARYIDSRC2</PrtryIdSrc>
            </OthrPrtryId>
          </Id>
        </FinInstrDtls>
        <SubAcctForHldg>
          <Id>
            <Prtry>
              <Id>INVESTMENT SUB ACCOUNT (2)</Id>
            </Prtry>
          </Id>
        </SubAcctForHldg>
        <NetAmt Ccy="GBP">65000.00</NetAmt>
        <PhysDlvryInd>false</PhysDlvryInd>
      </IndvOrdDtls>
      <BlkCshSttlmDtls>
        <PmtInstr>
          <CdtTrfDtls>
            <Ref>CASH SETTLEMENT REFERENCE</Ref>
            <CdtrAgt>
              <BIC>BANKGB2TGT1</BIC>
            </CdtrAgt>
            <CdtrAcct>
              <Id>
                <IBAN>AA99IBANTARGET01</IBAN>
              </Id>
            </CdtrAcct>
          </CdtTrfDtls>
        </PmtInstr>
      </BlkCshSttlmDtls>
    </MltplOrdDtls>
  </RedOrdV03>
</Document>

```

Redemption order with proprietary fund identification

The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.

The creation datetime is mandatory.

This order contains two orders. The order references are limited to 16 characters and are unique across all order types.

The financial instruments are identified with proprietary codes.

The new Sub Account sequence is used to identify the investment sub account.

The bulk cash settlement details contain a cash settlement reference and account identifier which can be used to bulk up settlement across multiple messages.

XML Example12 Redemption Order With Proprietary Fund Identification

Part Two. Section 2 - Redemption Orders

Trans currency redemption order

```

<Document xmlns="urn:swift:xsd:setr.004.001.03">
  <RedOrdV03 xmlns="urn:swift:xsd:setr.004.001.03">
    <MsgId>
      <Id>VNA02.03XML14.01</Id>
      <CreDtTm>2007-06-30T11:20:00</CreDtTm>
    </MsgId>
    <MltplOrdDtls>
      <InvstmtAcctDtls>
        <AcctId>
          <Prtry>
            <Id>INVESTMENT ACCOUNT</Id>
          </Prtry>
        </AcctId>
      </InvstmtAcctDtls>
      <IndvOrdDtls>
        <OrdRef>ORDERREF (1) XXXXX</OrdRef>
        <FinInstrmDtls>
          <Id>
            <ISIN>ISINCODE0001</ISIN>
          </Id>
          <FinInstrmDtls>
            <SubAcctForHldg>
              <Id>
                <Prtry>
                  <Id>INVESTMENT SUB ACCOUNT (1)</Id>
                </Prtry>
              </Id>
            </SubAcctForHldg>
            <NetAmt Ccy="USD">137000.00</NetAmt>
            <PhysDlvryInd>false</PhysDlvryInd>
            <ReqdSttlmCcy>GBP</ReqdSttlmCcy>
          </IndvOrdDtls>
          <IndvOrdDtls>
            <OrdRef>ORDERREF (2) XXXXX</OrdRef>
            <FinInstrmDtls>
              <Id>
                <ISIN>ISINCODE0002</ISIN>
              </Id>
              <FinInstrmDtls>
                <SubAcctForHldg>
                  <Id>
                    <Prtry>
                      <Id>INVESTMENT SUB ACCOUNT (2)</Id>
                    </Prtry>
                  </Id>
                </SubAcctForHldg>
                <NetAmt Ccy="EUR">125000.00</NetAmt>
                <PhysDlvryInd>false</PhysDlvryInd>
                <ReqdSttlmCcy>GBP</ReqdSttlmCcy>
              </IndvOrdDtls>
            <BlkCshSttlmDtls>
              <PmtInstrm>
                <CdtTrfDtls>
                  <Ref>CASH SETTLEMENT REFERENCE</Ref>
                  <CdtrAgt>
                    <BIC>BANKGB2TGT1</BIC>
                  </CdtrAgt>
                  <CdtrAcct>
                    <Id>
                      <IBAN>AA99IBANTARGET01</IBAN>
                    </Id>
                  </CdtrAcct>
                </CdtTrfDtls>
              </PmtInstrm>
            </BlkCshSttlmDtls>
          </MltplOrdDtls>
        </RedOrdV03>
      </Document>

```

Trans currency redemption order

The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.

The creation datetime is mandatory.

Order references can be up to 16 characters long.

This is a multi-currency order. Redemption orders denominated in cash should always be stated in the currency of the underlying fund. In this example there are two redemption orders one denominated in USD and the other in EUR.

The order specifies that the settlement currency for each order is GBP. This is a request for the Product Provider to do a foreign exchange transaction with the redemption proceeds.

XML Example13 Trans-currency Redemption Order

Order instruction status report accepting two orders

<pre> <Document xmlns="urn:swift:xsd:setr.016.001.03"> <OrdrInstrStsRptV03 xmlns="urn:swift:xsd:setr.016.001.03"> <MsgId> <Id>VNA02.03XML15.01</Id> <CreDtTm>2007-06-30T11:30:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2007-07-01</XpctdCshSttlmDt> </NewDtls> </IndvOrdrDtlsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2007-07-01</XpctdCshSttlmDt> </NewDtls> </IndvOrdrDtlsRpt> </OrdrInstrStsRptV03> </Document> </pre>	<p>Order instruction status report accepting two orders</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The message refers to the original order message in the related element sequence.</p> <p>The message gives the status of two orders. Each order is referred to by order reference.</p> <p>The expected trade and settlement date for each deal is included.</p>
---	--

XML Example14 Order Instruction Status Report Accepting Two Orders

Order instruction status report accepting one order and rejecting another

<pre> <Document xmlns="urn:swift:xsd:setr.016.001.03"> <OrdInstrStsRptV03> <MsgId> <Id>VNA02.03XML16.01</Id> <CreDtTm>2008-02-14T10:47:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvOrdDtlsRpt> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2008-02-15T12:00:00</DtTm> </XpctdTradDtTm> </NewDtls> </IndvOrdDtlsRpt> <IndvOrdDtlsRpt> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <Rjctd> <Rsn>NSLA</Rsn> <AddtlInf>The sub account is not related to the investment account</AddtlInf> </Rjctd> </IndvOrdDtlsRpt> </OrdInstrStsRptV03> </Document> </pre>	<p>Order instruction status report accepting one order and rejecting another</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The message identifies the original order message in the related reference element sequence.</p> <p>The message gives the status of two orders. Each order is identified by order reference.</p> <p>The second order is rejected and additional information is supplied in addition to the order rejection reason code.</p>
---	---

XML Example15 Order Instruction Status Report Accepting One Order And Rejecting Another

Redemption order cancellation request using the order reference and the message reference

<pre> <Document xmlns="urn:swift:xsd:setr.005.001.03"> <RedOrdxCxlReqV03> <MsgId> <Id>VNA02.03XML17.01</Id> <CreDtTm>2008-02-14T17:23:00</CreDtTm> </MsgId> <PrvsRef> <Ref>ORDERMESSAGEREFX</Ref> </PrvsRef> <CxlByRef> <OrdRefs> <OrdRef>ORDERREF (1) XXXXX</OrdRef> </OrdRefs> </CxlByRef> </RedOrdxCxlReqV03> </Document> </pre>	<p>Redemption order cancellation request using the order reference and the message reference</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. The creation datetime is mandatory. The message refers to the original redemption order message in the previous reference sequence. Quoting the order message reference ensures backwards compatibility with previous versions of this market practice</p> <p>The cancellation by reference sequence <CxlByRef> allows for more than one order in a previous order message to be requested to be cancelled.</p>
---	---

XML Example 16 Redemption order cancellation by order reference

Order cancellation status report accepting a cancellation using the order reference

<pre> <Document xmlns="urn:swift:xsd:setr.017.001.03"> <OrdxCxlStsRptV03> <MsgId> <Id>VNA02.03XML19.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvCxlStsRpt> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <Sts>CAND</Sts> </IndvCxlStsRpt> </OrdxCxlStsRptV03> </Document> </pre>	<p>Order Cancellation Status Report</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message is giving the status of a previously requested cancellation. It references the original order message in the related reference.</p> <p>The message then gives the cancellation status using the order reference.</p> <p>The CAND status is given to show the cancellation has been completed.</p>
--	---

XML Example 17 Order Cancellation Status Report – Accepted

Order cancellation status report accepting one cancellation and rejecting another using order references

<pre> <Document xmlns="urn:swift:xsd:setr.017.001.03"> <OrdxCxlStsRptV03> <MsgId> <Id>VNA02.03XML20.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvCxlStsRpt> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <Sts>CAND</Sts> </IndvCxlStsRpt> <IndvCxlStsRpt> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <Rjctd> <Rsn>CUTO</Rsn> </Rjctd> </IndvCxlStsRpt> </OrdxCxlStsRptV03> </Document> </pre>	<p>Order Cancellation Status Report</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message is giving the status of a previously requested cancellation. It references the original order message in the related reference – not the cancellation request message.</p> <p>The cancellation is rejected with the reason code CUTO – which means that the cancellation missed the cut off.</p>
--	--

XML Example 18 Order Cancellation Status Report Including a Rejection.

Part Two. Section 2 - Redemption Orders

Redemption order confirmation

<pre> <Document xmlns="urn:swift:xsd:setr.006.001.03"> <RedOrdConfV03 xmlns="urn:swift:xsd:setr.006.001.03"> <MsgId> <Id>VNA02.03XML21.01</Id> <CreDtTm>2007-07-01T07:56:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEFEFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION 1</Id> <PrtryIdSrc>PROPRIETARYIDSRC1</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>250000.00</Unit> </UnitsNb> <NetAmt Ccy="GBP">125000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <SttlmAmt Ccy="GBP">125000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <DealgPricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="GBP">2.00</Amt> </Val> </DealgPricDtls> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> </MltplExctnDtls> <IndvExctnDtls> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <DealRef>DEAL REFERENCE (2)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION 2</Id> <PrtryIdSrc>PROPRIETARYIDSRC2</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> </pre>	<p>Redemption order confirmation</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The related reference field refers to the original order message.</p> <p>The message contains confirmation of one or more orders. The number of units, cash value and the price are included. If the original redemption was percentage driven the percentage can be confirmed here.</p> <p>The net encashment net is copied into the settlement amount element in each order</p> <p>An original order message that contains multiple orders may have the activity confirmed back in one or more confirmation messages. There is not a one to one correlation between order messages and confirmation messages.</p>
---	---

Part Two. Section 2 - Redemption Orders

<pre> <Unit>81250.00</Unit> </UnitsNb> <NetAmt Ccy="GBP">65000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <SttlmAmt Ccy="GBP">65000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <DealgPrctDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="GBP">0.80</Amt> </Val> </DealgPrctDtls> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> <TtlSttlmAmt Ccy="GBP">190000.00</TtlSttlmAmt> <CshSttlmDt>2007-07-01</CshSttlmDt> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <DbtrAcct> <Id> <IBAN>AA99IBANSOURCE01</IBAN> </Id> </DbtrAcct> <DbtrAgt> <BIC>BANKGB2SRC1</BIC> </DbtrAgt> <CdtrAgt> <BIC>BANKGB2TGT1</BIC> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplExctnDtls> </RedOrdConfV03> </Document> </pre>	<p>The cash settlement date and reference are confirmed here, as are the details of the bank account to which the money will be paid. The product provider adds in the details of the account from which the payment will be made.</p>
---	--

XML Example 19 Redemption Order Confirmation

Part Two. Section 2 - Redemption Orders

Trans currency redemption order confirmation

<pre> <Document xmlns="urn:swift:xsd:setr.006.001.03"> <RedOrdConfV03 xmlns="urn:swift:xsd:setr.006.001.03"> <MsgId> <Id>VNA02.03XML22.01</Id> <CreDtTm>2007-07-01T07:56:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdRef>ORDERREF (1) XXXXX</OrdRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION1</Id> <PrtryIdSrc>PROPRIETARYIDSRC1</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>8983.61</Unit> </UnitsNb> <NetAmt Ccy="USD">137000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <SttlmAmt Ccy="GBP">68500.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <DealgPricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="USD">15.25</Amt> </Val> </DealgPricDtls> <CumDvddInd>false</CumDvddInd> <FXDtls> <ToAmt Ccy="GBP">68500.00</ToAmt> <FrAmt Ccy="USD">137000.00</FrAmt> <UnitCcy>USD</UnitCcy> <QtdCcy>GBP</QtdCcy> <XchgRate>0.5000</XchgRate> </FXDtls> <PhysDlvryInd>false</PhysDlvryInd> <ReqdSttlmCcy>GBP</ReqdSttlmCcy> </IndvExctnDtls> </IndvExctnDtls> <OrdRef>ORDERREF (2) XXXXX</OrdRef> <DealRef>DEAL REFERENCE (2)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION2</Id> <PrtryIdSrc>PROPRIETARYIDSRC2</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> </RedOrdConfV03> </Document> </pre>	<p>Trans currency redemption order confirmation</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory.</p> <p>The confirmation identifies the order message it is confirming in the related reference</p> <p>This message contains two orders. One for a fund with a base currency of USD the other with a base currency or EUR.</p> <p>The confirmation repeats back the original order details. The order on the USD fund has a net amount specified in USD, likewise the order on the EUR fund has a net amount in EUR.</p> <p>The confirmation shows the price that each order was executed in the fund base currency, it also features FX details to show how the proceeds of each order are then converted into the requested settlement currency (GBP).</p> <p>The settlement amount for each order is shown in GBP as requested. The total settlement amount is shown in GBP and is the total of the GBP</p>
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Part Two. Section 2 - Redemption Orders

<pre> <SubAcctForHldg> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </Prtry> </Id> </SubAcctForHldg> <UnitsNb> <Unit>47445.25</Unit> </UnitsNb> <NetAmt Ccy="EUR">65000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <SttlmAmt Ccy="GBP">44000.58</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <DealgPricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="EUR">1.37</Amt> </Val> </DealgPricDtls> <CumDvddInd>false</CumDvddInd> <FXDtls> <ToAmt Ccy="GBP">44000.58</ToAmt> <FrAmt Ccy="EUR">65000.00</FrAmt> <UnitCcy>EUR</UnitCcy> <QtdCcy>GBP</QtdCcy> <XchgRate>0.676932</XchgRate> </FXDtls> <PhysDlvryInd>false</PhysDlvryInd> <ReqdSttlmCcy>GBP</ReqdSttlmCcy> </IndvExctnDtls> <TtlSttlmAmt Ccy="GBP">112500.58</TtlSttlmAmt> <CshSttlmDt>2007-07-01</CshSttlmDt> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <DbtrAcct> <Id> <IBAN>AA99IBANSOURCE01</IBAN> </Id> </DbtrAcct> <DbtrAgt> <BIC>BANKGB2SRC1</BIC> </DbtrAgt> <CdtrAgt> <BIC>BANKGB2TGT1</BIC> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplExctnDtls> </RedOrdConfV03> </Document> </pre>	<p>settlement amount from each order.</p> <p>In FX details the elements fulfil the following functions:</p> <p>ToAmt: The output value from the FX</p> <p>FrAmt: The input to the FX</p> <p>UnitCcy: The base ccy for the FX rate. i.e 1 UnitCcy = n QtdCcy</p> <p>QtdCcy: The quoted currency in the FX</p> <p>XchgRate: The exchange rate</p>
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XML Example 20 Trans currency redemption order confirmation

Switch Order Logical Data Items



Figure 5 Switch Orders - Logical Data Items



Single Switch Order Per Message

Version 3 of the Switch Order message allows multiple Switch Order Details per message. ViaNova participants should restrict themselves to one set of Switch Order Details (<SwchOrdDtls>) per Switch Order Message.

Part Two. Section 3 – Switch Orders

Switch Order Schema Maps

XML Schema Data Item	Content
SwitchOrderV03	
MessageIdentification	
Identification	Order message reference
CreationDateTime	Message creation date and time
SwitchOrderDetails	
OrderReference	Order reference
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
RedemptionLegDetails	
LegIdentification	Redemption leg identification
FinancialInstrumentDetails	
Identification	
Choice between	Financial instrument (ISIN)
ISIN	
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
FinancialInstrumentQuantityChoice	
Choice between	
UnitsNumber	
Unit	Redemption amount (units)
Or	
NetAmount	Redemption amount (cash)
Or	
HoldingsRedemptionRate	Redemption amount (%)
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
SubAccountDetails	
Identification	
Proprietary	
Identification	Investment sub account
PhysicalDeliveryIndicator	Physical delivery identifier
SubscriptionLegDetails	
LegIdentification	Subscription leg identifier
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
FinancialInstrumentQuantityChoice	
Choice between	
UnitsNumber	Subscription amount (units)
Or	
PercentageOfTotalRedemptionAmount	Subscription amount (%)
Or	
NetAmount	Subscription amount (cash)
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
SubAccountDetails	
Identification	
Proprietary	
Identification	Investment sub account
PhysicalDeliveryIndicator	Physical delivery indicator

Schema Map 11 Switch Order

Part Two. Section 3 – Switch Orders

XML Schema Data Item	Content
OrderInstructionStatusReportV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
RelatedReference	
Reference	Order message reference
SwitchOrderDetailsReport	
OrderReference	Order reference
Choice between	
Status	Order status (RECE of PACK)
or	
Cancelled	
Choice between	
Reason	Cancellation reason code 'CANP'.
Or	
ExtendedReason	Up to 350 characters of free text
Or	
NoSpecifiedReason	No reason 'NORE'
or	
Rejected	
Reason	Order status (Rejected reason code)
AdditionalInformation	Order status - additional information
LegInformation (repeating)	
Choice between	
RedemptionLegIdentification	Redemption leg identifier
Or	
SubscriptionLegIdentification	Subscription leg identifier
LegRejectionReason	Leg rejection reason (free text)
NewDetails	
ExpectedTradeDateTime	
DateTime	Expected trade date and time
ExpectedCashSettlementDate	Expected cash settlement date

Schema Map 12 Switch Order Instruction Status Report

XML Schema Data Item	Content
SwitchOrderConfirmationV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation time
RelatedReference	
Reference	Order message reference
SwitchExecutionDetails	
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
DealReference	Deal reference
OrderReference	Order reference
RedemptionLegDetails	
LegIdentification	Redemption leg identifier
LegExecutionIdentification	Redemption leg execution identifier
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
UnitsNumber	
Unit	Redemption amount (units)
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
SubAccountDetails	

Part Two. Section 3 – Switch Orders

Identification	
Proprietary	
Identification	Investment sub account
HoldingsRedemptionRate	Redemption amount (%)
NetAmount	Redemption amount (cash)
TradeDateTime	
DateTime	Trade date and time
PriceDetails	
Type	Price type
Value	
Amount	Price
CumDividendIndicator	Cum dividend indicator
PhysicalDeliveryIndicator	Physical delivery indicator
SubscriptionLegDetails	
LegIdentification	Subscription leg identifier
LegExecutionIdentification	Subscription leg execution identifier
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial Instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identification)
ProprietaryIdentificationSource	Proprietary identification source
UnitsNumber	
Unit	Subscription amount (units)
InvestmentAccountDetails	
AccountIdentification	
Proprietary	
Identification	Investment account
SubAccountDetails	
Identification	
Proprietary	
Identification	Investment sub account
NetAmount	Subscription amount (cash)
TradeDateTime	
DateTime	Trade date and time
PriceDetails	
Type	Price Type
Value	
Amount	Price (Dummy price in multi-manager switch)
CumDividendIndicator	Cum dividend indicator
PhysicalDeliveryIndicator	Physical delivery indicator
ForeignExchangeDetails ¹	
ToAmount	FX - Foreign exchange 'To Amount'
FromAmount	FX - Foreign Exchange 'From Amount' ¹
UnitCurrency	FX - Currency in which the exchange rate is expressed
QuotedCurrency	FX - Currency into which the unit currency is converted
ExchangeRate	FX - Exchange rate

¹ Please consult with your counterparty for the precise use of the foreign exchange details

Schema Map 13 Switch Order Confirmation

XML Schema Data Item	Content
SwitchOrderCancellationRequestV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
PreviousReference	
Reference	Order message reference
CancellationByReference	
OrderReferences	
OrderReference	Order reference

Schema Map 14 Switch Order Cancellation Request

Part Two. Section 3 – Switch Orders

XML Schema Data Item	Content
OrderCancellationStatusReportV03	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
RelatedReference	
Reference	Message reference of order being cancelled
IndividualCancellationStatusReport	
OrderReference	Order reference
Choice between	
Status	Cancellation status 'CANP' or 'CAND'
Or	
Rejected	
Choice between	
Reason	Cancellation rejection reason
Or	
ExtendedReason	Cancellation rejection reason additional information

Schema Map 15 Order Cancellation Status Report

Part Two. Section 3 – Switch Orders

Switch Order Data Dictionary	Switch Order	Status	Confirmation	Cancellation	Cancellation Status
Cancellation rejection reason					O
Cancellation rejection reason additional information					O
Cancellation status. 'CANP' or 'CAND'					O
Expected settlement date (or datetime)		O			
Expected trade date (or datetime)		M			
FX - Currency in which the exchange rate is expressed			O3		
FX - Currency into which the unit currency is converted (quoted ccy)			O3		
FX - Exchange rate			O3		
FX - Foreign exchange 'From Amount'			O3		
FX - Foreign exchange 'To Amount'			O3		
Investment account	M		M		
Leg rejection reason		O			
Message creation date and time	M	M	M	M	M
Message reference	M	M	M	M	M
Order reference	M	M	M		M
Order status		M			
Order message reference	M	M	M	M	M
Redemption amount (%)	M2		O		
Redemption amount (cash)	M2		M		
Redemption amount (units)	M2		M		
Redemption cum dividend indicator			M		
Redemption financial instrument (ISIN)	M1		M1		
Redemption financial instrument (proprietary identification)	M1		M1		
Redemption financial instrument proprietary identification source	M1		M1		
Redemption investment sub account	M		M		
Redemption leg execution identification			M		
Redemption leg identification	M	O	M		
Redemption physical delivery indicator			M		
Redemption price			M		
Redemption price type			M		
Redemption trade datetime			M		
Subscription amount (%)	M3		NA		
Subscription amount (cash)	M3		M		
Subscription amount (units)	M3		M		
Subscription cum dividend indicator			M		
Subscription financial instrument (ISIN)	M1		M1		
Subscription financial instrument (proprietary identification)	M1		M1		
Subscription financial instrument proprietary identification source	M1		M1		
Subscription investment sub account	M		M		
Subscription leg execution identification			M		
Subscription leg identification	M	O	M		
Subscription physical delivery indicator			M		
Subscription price			M		
Subscription price type			M		
Subscription trade datetime			M		

O - Optional item

O2 - Optional multi-manager switch item

O3 - Optional FX block. There is no specific market practice defined for this block. You may use it by mutual agreement with your counterparty.

M - Mandatory item

M1 - Mandatory financial instrument identification choice

M2 - Mandatory redemption leg amount choice

M3 - Mandatory subscription leg amount choice



Switch Order Processing – Example Messages

Switch order with proprietary fund identification

```
<Document xmlns="urn:swift:xsd:setr.013.001.03">
  <SwchOrdV03 xmlns="urn:swift:xsd:setr.013.001.03">
    <MsgId>
      <Id>VNA02.03XML23.01</Id>
      <CreDtTm>2007-07-01T11:19:00</CreDtTm>
    </MsgId>
    <SwchOrdDtls>
      <OrdRef>SWITCH ORDER REFERENCE</OrdRef>
      <InvstmtAcctDtls>
        <AcctId>
          <Prtry>
            <Id>INVESTMENT ACCOUNT</Id>
          </Prtry>
        </AcctId>
      </InvstmtAcctDtls>
      <RedLegDtls>
        <LegId>REDLEGID (1) XXXXX</LegId>
        <FinInstrmDtls>
          <Id>
            <OthrPrtryId>
              <Id>PROPRIETARYIDENTIFICATION1</Id>
              <PrtryIdSrc>PROPRIETARYIDSRC1</PrtryIdSrc>
            </OthrPrtryId>
          </Id>
        </FinInstrmDtls>
        <FinInstrmQtyChc>
          <HldgsRedRate>30.00</HldgsRedRate>
        </FinInstrmQtyChc>
        <InvstmtAcctDtls>
          <AcctId>
            <Prtry>
              <Id>INVESTMENT ACCOUNT</Id>
            </Prtry>
          </AcctId>
          <SubAcctDtls>
            <Id>
              <Prtry>
                <Id>INVESTMENT SUB ACCOUNT (1)</Id>
              </Prtry>
            </Id>
          </SubAcctDtls>
        </InvstmtAcctDtls>
        <PhysDlvryInd>false</PhysDlvryInd>
      </RedLegDtls>
      <RedLegDtls>
        <LegId>REDLEGID (2) XXXXX</LegId>
        <FinInstrmDtls>
          <Id>
            <OthrPrtryId>
              <Id>PROPRIETARYIDENTIFICATION2</Id>
              <PrtryIdSrc>PROPRIETARYIDSRC2</PrtryIdSrc>
            </OthrPrtryId>
          </Id>
        </FinInstrmDtls>
        <FinInstrmQtyChc>
          <HldgsRedRate>15.00</HldgsRedRate>
        </FinInstrmQtyChc>
        <InvstmtAcctDtls>
          <AcctId>
            <Prtry>
              <Id>INVESTMENT ACCOUNT</Id>
            </Prtry>
          </AcctId>
          <SubAcctDtls>
            <Id>
              <Prtry>
                <Id>INVESTMENT SUB ACCOUNT (2)</Id>
              </Prtry>
            </Id>
          </SubAcctDtls>
        </InvstmtAcctDtls>
      </RedLegDtls>
    </SwchOrdDtls>
  </SwchOrdV03>
</Document>
```

Switch order with proprietary fund identification

The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.

The creation datetime is mandatory

This switch order contains two percentage driven redemption legs and two subscription legs.

The financial instruments are identified with proprietary codes.

The switch leg identifiers can be up to 16 characters long.

Part Two. Section 3 – Switch Orders

<pre> </SubAcctDtls> </InvstmtAcctDtls> <PhysDlvryInd>false</PhysDlvryInd> </RedLegDtls> <SbcptLegDtls> <LegId>SUBLEGID (1) XXXXX</LegId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION3</Id> <PrtryIdSrc>PROPRIETARYIDSRC3</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <FinInstrmQtyChc> <PctgOfTtlRedAmt>50.00</PctgOfTtlRedAmt> </FinInstrmQtyChc> </InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> <SubAcctDtls> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (3)</Id> </Prtry> </Id> </SubAcctDtls> </InvstmtAcctDtls> <PhysDlvryInd>false</PhysDlvryInd> </SbcptLegDtls> <SbcptLegDtls> <LegId>SUBLEGID (2) XXXXX</LegId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION4</Id> <PrtryIdSrc>PROPRIETARYIDSRC4</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <FinInstrmQtyChc> <PctgOfTtlRedAmt>50.00</PctgOfTtlRedAmt> </FinInstrmQtyChc> </InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> <SubAcctDtls> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (4)</Id> </Prtry> </Id> </SubAcctDtls> </InvstmtAcctDtls> <PhysDlvryInd>false</PhysDlvryInd> </SbcptLegDtls> </SwchOrdDtls> </SwchOrdV03> </Document> </pre>	
---	--

XML Example 21 Switch order with proprietary fund identification

Order instruction status report accepting a switch

<pre> <Document xmlns="urn:swift:xsd:setr.016.001.03"> <OrdInstrStsRptV03 xmlns="urn:swift:xsd:setr.016.001.03"> <MsgId> <Id>VNA02.03XML24.01</Id> <CreDtTm>2007-07-06T14:02:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <SwchOrdRdtlsRpt> <OrdRef>SWITCH ORDER REFERENCE</OrdRef> <Sts>PACK</Sts> <NewDtls> <XpctdTradDtTm> <DtTm>2007-07-07T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2007-07-07</XpctdCshSttlmDt> </NewDtls> </SwchOrdRdtlsRpt> </OrdInstrStsRptV03> </Document> </pre>	<p>Order instruction status report accepting a switch</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory</p> <p>The message refers to the original order message.</p> <p>The message gives the status of the switch.</p> <p>The expected trade and settlement date is included.</p>
---	---

XML Example 22 Order instruction status report accepting a switch

Order instruction status report rejecting a switch

<pre> <Document xmlns="urn:swift:xsd:setr.016.001.03"> <OrdInstrStsRptV03 xmlns="urn:swift:xsd:setr.016.001.03"> <MsgId> <Id>VNA02.03XML25.01</Id> <CreDtTm>2007-07-01T11:19:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDER MESSAGE REFERENCE</Ref> </RltdRef> <SwchOrdRdtlsRpt> <OrdRef>ORDER REFERENCE</OrdRef> <Rjctd> <Rsn>NSLA</Rsn> </Rjctd> <LegInf> <RedLegId>REDEMPTION LEG IDENTIFIER</RedLegId> <LegRjctnRsn>LEG REJECTION REASON IN FREE TEXT</LegRjctnRsn> </LegInf> <LegInf> <SbcptLegId>SUBSCRIPTION LEG IDENTIFIER</SbcptLegId> <LegRjctnRsn>LEG REJECTION REASON IN FREE TEXT</LegRjctnRsn> </LegInf> </SwchOrdRdtlsRpt> </OrdInstrStsRptV03> </Document> </pre>	<p>Order instruction status report rejecting a switch</p> <p>Version 3 of the Order Instruction Status Report gives us the ability to provide information about why a switch subscription or redemption leg has been rejected.</p>
---	---

XML Example 23 Order instruction status report rejecting a switch

Part Two. Section 3 – Switch Orders

Switch order cancellation request using a message and order reference.

<pre> <Document xmlns="urn:swift:xsd:setr.014.001.03"> <SwchOrdxCxlReqV03> <MsgId> <Id>VNA02.03XML26.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <PrvsRef> <Ref>ORDERMESSAGEREFX</Ref> </PrvsRef> <CxlByRef> <OrdRefs> <OrdRef>SWITCH ORDER REFERENCE</OrdRef> </OrdRefs> </CxlByRef> </SwchOrdxCxlReqV03> </Document> </pre>	<p>Switch Order Cancellation</p> <p>The message refers to the original switch order message. This message requests the cancellation of all the switch activity and identifies the switch with the switch order reference and the message reference for backwards compatibility with previous market practice.</p>
--	--

XML Example 24 Switch order cancellation request using message and order references**Order cancellation status report accepting a switch order cancellation**

<pre> <Document xmlns="urn:swift:xsd:setr.017.001.03"> <OrdxCxlStsRptV03> <MsgId> <Id>VNA02.03XML28.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvCxlStsRpt> <OrdRef>SWITCH ORDER REFERENCE</OrdRef> <Sts>CAND</Sts> </IndvCxlStsRpt> </OrdxCxlStsRptV03> </Document> </pre>	<p>Order Cancellation Status Report</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The message gives the cancellation status using the switch order reference and quotes the switch order message reference.</p> <p>The CAND status is given to show the cancellation has been completed</p>
---	---

XML Example 25 Order cancellation status report accepting a switch cancellation

Order cancellation status report rejecting a switch order cancellation

<pre> <Document xmlns="urn:swift:xsd:setr.017.001.03"> <OrdxCxlStsRptV03> <MsgId> <Id>VNA02.03XML29.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <IndvCxlStsRpt> <OrdRef>SWITCH ORDER REFERENCE</OrdRef> <Rjctd> <Rsn>CUTO</Rsn> </Rjctd> </IndvCxlStsRpt> </OrdxCxlStsRptV03> </Document> </pre>	<p>Order Cancellation Status Report</p> <p>The cancellation is rejected with the reason code CUTO – which means that the cancellation missed the cut off.</p>
---	--

XML Example 26 Order cancellation status report rejecting a switch cancellation

Switch order confirmation

<pre> <Document xmlns="urn:swift:xsd:setr.015.001.03"> <SwchOrdConfV03 xmlns="urn:swift:xsd:setr.015.001.03"> <MsgId> <Id>VNA02.03XML30.01</Id> <CreDtTm>2007-07-01T13:47:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <SwchExctnDtls> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> </InvstmtAcctDtls> <DealRef>DEAL REFERENCE</DealRef> <OrdRef>SWITCH ORDER REFERENCE</OrdRef> <RedLegDtls> <LegId>REDLEGID (1) XXXXX</LegId> <LegExctnId>REDEMPTIONLEGEEXECUTIONID1</LegExctnId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION1</Id> <PrtryIdSrc>PROPRIETARYIDSRCL</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <UnitsNb> <Unit>125000.00</Unit> </UnitsNb> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> <SubAcctDtls> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </Prtry> </Id> </SubAcctDtls> </InvstmtAcctDtls> <HldgsRedRate>30.00</HldgsRedRate> <NetAmt Ccy="GBP">100000.00</NetAmt> <TradDtTm> <DtTm>2007-07-02T00:00:00</DtTm> </TradDtTm> </RedLegDtls> </SwchExctnDtls> </SwchOrdConfV03> </Document> </pre>	<p>Switch Order Confirmation</p> <p>The message reference is new in 2007 and we are using it instead of the old Master Reference.</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory</p> <p>The related reference field refers to the original order message.</p>
--	---

Part Two. Section 3 – Switch Orders

```

</TradDtTm>
<PricDtls>
  <Tp>SWNG</Tp>
  <Val>
    <Amt Ccy="GBP">0.80</Amt>
  </Val>
</PricDtls>
<CumDvddInd>false</CumDvddInd>
<PhysDlvryInd>false</PhysDlvryInd>
</RedLegDtls>
<RedLegDtls>
  <LegId>REDLEGID (2) XXXXX</LegId>
  <LegExctnId>REDEMPTIONLEGEEXECUTIONID2</LegExctnId>
  <FinInstrmDtls>
    <Id>
      <OthrPrtryId>
        <Id>PROPRIETARYIDENTIFICATION2</Id>
        <PrtryIdSrc>PROPRIETARYIDSRC2</PrtryIdSrc>
      </OthrPrtryId>
    </Id>
  </FinInstrmDtls>
  <UnitsNb>
    <Unit>76923.08</Unit>
  </UnitsNb>
  <InvstmtAcctDtls>
    <AcctId>
      <Prtry>
        <Id>INVESTMENT ACCOUNT</Id>
      </Prtry>
    </AcctId>
    <SubAcctDtls>
      <Id>
        <Prtry>
          <Id>INVESTMENT SUB ACCOUNT (2)</Id>
        </Prtry>
      </Id>
    </SubAcctDtls>
  </InvstmtAcctDtls>
  <HldgsRedRate>15.00</HldgsRedRate>
  <NetAmt Ccy="GBP">50000.00</NetAmt>
  <TradDtTm>
    <DtTm>2007-07-02T00:00:00</DtTm>
  </TradDtTm>
  <PricDtls>
    <Tp>SWNG</Tp>
    <Val>
      <Amt Ccy="GBP">0.65</Amt>
    </Val>
  </PricDtls>
  <CumDvddInd>false</CumDvddInd>
  <PhysDlvryInd>false</PhysDlvryInd>
</RedLegDtls>
<SbcptLegDtls>
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  <LegExctnId>SUBSCRIPTIONLEGEEXECUTIONID1</LegExctnId>
  <FinInstrmDtls>
    <Id>
      <OthrPrtryId>
        <Id>PROPRIETARYIDENTIFICATION3</Id>
        <PrtryIdSrc>PROPRIETARYIDSRC3</PrtryIdSrc>
      </OthrPrtryId>
    </Id>
  </FinInstrmDtls>
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    <Unit>53571.43</Unit>
  </UnitsNb>
  <InvstmtAcctDtls>
    <AcctId>
      <Prtry>
        <Id>INVESTMENT ACCOUNT</Id>
      </Prtry>
    </AcctId>
    <SubAcctDtls>
      <Id>
        <Prtry>
          <Id>INVESTMENT SUB ACCOUNT (3)</Id>
        </Prtry>
      </Id>
    </SubAcctDtls>
  </InvstmtAcctDtls>

```


Part Two. Section 3 – Switch Orders

<pre> </Prtry> </Id> </SubAcctDtls> </InvstmtAcctDtls> <NetAmt Ccy="GBP">75000.00</NetAmt> <TradDtTm> <DtTm>2007-07-02T00:00:00</DtTm> </TradDtTm> <PricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="GBP">1.40</Amt> </Val> </PricDtls> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </SbcptLegDtls> <SbcptLegDtls> <LegId>SUBLEGID(2)XXXX</LegId> <LegExctnId>SUBSCRIPTIONLEGEEXECUTIONID2</LegExctnId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION4</Id> <PrtryIdSrc>PROPRIETARYIDSRC4</PrtryIdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <UnitsNb> <Unit>78947.37</Unit> </UnitsNb> <InvstmtAcctDtls> <AcctId> <Prtry> <Id>INVESTMENT ACCOUNT</Id> </Prtry> </AcctId> <SubAcctDtls> <Id> <Prtry> <Id>INVESTMENT SUB ACCOUNT (4)</Id> </Prtry> </Id> </SubAcctDtls> </InvstmtAcctDtls> <NetAmt Ccy="GBP">75000.00</NetAmt> <TradDtTm> <DtTm>2007-07-02T00:00:00</DtTm> </TradDtTm> <PricDtls> <Tp>SWNG</Tp> <Val> <Amt Ccy="GBP">0.95</Amt> </Val> </PricDtls> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </SbcptLegDtls> </SwchExctnDtls> </SwchOrdConfV03> </Document> </pre>	
---	--

XML Example 27 Switch order confirmation

Price Report

The price report messages should contain all the publishable price types for the financial instrument. Prices should be published when they became available rather than holding prices back to publish them in bulk.

It was agreed that there should be three options defining the contents of price messages:

- i. Prices for all non-zero holdings for all subscribed clients of a particular TPA.
- ii. Prices for all allowable funds for all subscribed clients (including those with a zero holding) of a particular TPA
- iii. All the product provider's prices for all the product providers' funds.

The unique identifier of the financial instrument for which the price is being quoted may be an ISIN or a proprietary identifier.

Price Cancellation

Not supported for corporate pensions usage.

Message Pagination

The October 2007 release of the price message included mandatory message pagination. This brings the message in line with the custody statement of holdings message.

Price Types

The ViaNova group supports the use of four price types:

Price Type	ISO 20022 Code
Bid	BIDE
Mid	MIDD
Offer	OFFR
Swing	SWNG

Product providers may provide a combination of any of these price types.

A swinging price represents the prevailing price for a dealing date. The swinging price (or single dealing price) may have the same value as the Bid, Mid or Offer prices at a particular dealing date. Product providers may quote the Bid, Mid and Offer as well as the Swing price to indicate which way swinging price has swung.

It should also be noted that the definition of the Swing price in the ISO 20022 documentation does not accurately represent the use of this price type in the UK corporate pensions industry.

It is safe to assume that the ViaNova definitions of the Bid, Mid, Offer and Swing price types are those appertaining to the UK corporate pensions industry.



New Features of Price Report Version 4

Price report identification

This is a new mandatory item defined in the message standard as “*Unique and unambiguous identifier for the price report, as assigned by the reporting party.*” It is a 35 character text string.

Price report function

This new identifier is defined as the “*Function of the price report, that is, whether the price report is a new price report or a replacement of some kind.*” This replaces the previous mechanism for indicating whether a price report has been re-issued. For ViaNova purposes we are restricting this code list to two items:

- New Price Report [NEWP]
- Complete Replacement Price Report [REPL]

This matches the functionality available in ViaNova 4.00.

Price Report Logical Data Items

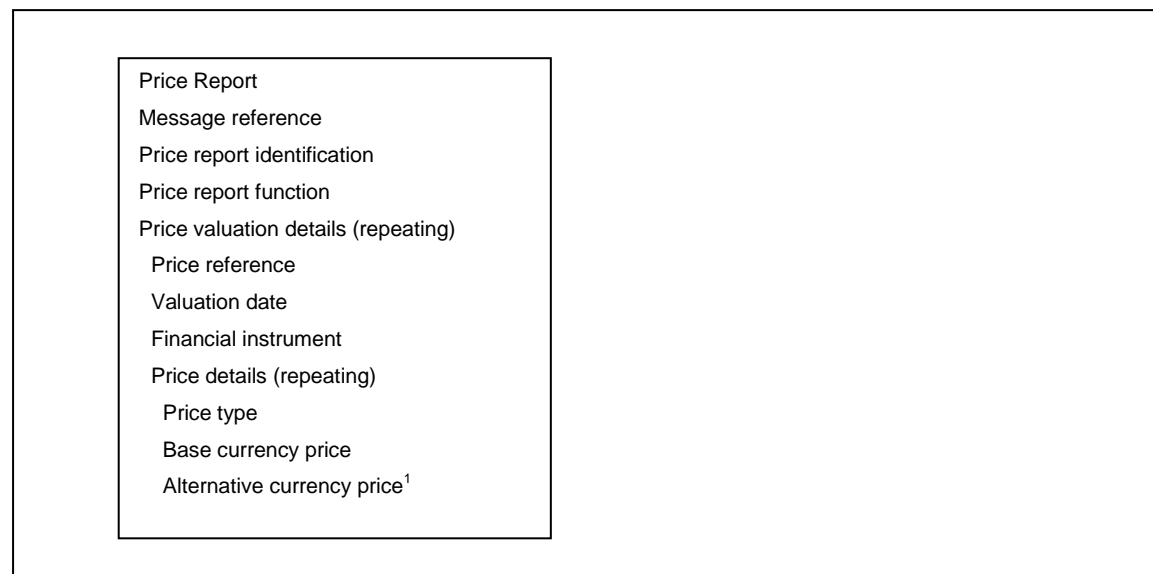


Figure 6 Price Reporting - Logical Data Items.

Price Report Schema Map

XML Schema Data Item	Content
PriceReportV04	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
MessagePagination	
PageNumber	Page number
LastPageIndicator	Last page indicator
PriceReportIdentification	Price report identification
Function	Price report function - Only "Complete Replacement Price Report" and "New Price Report" are supported
PriceValuationDetails (repeating)	
Identification	Price reference
ValuationDateTime	
DateTime	Valuation date
NAVDateTime	
DateTime	Valuation date
FinancialInstrumentDetails	
Identification	
<i>Choice between</i>	Financial instrument (ISIN)
ISIN	
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identifier)
ProprietaryIdentificationSource	Proprietary identification source
DualFundIndicator	Dual fund indicator - indicates if the fund has two prices
ValuationType	Valuation type = "USUA" - valuation as in fund prospectus
OfficialValuationIndicator	Official valuation = "Yes". This is an official price.
SuspendedIndicator	Suspended indicator.
PriceDetails (repeating)	
Type	Price type - restricted
ValueInInvestmentCurrency	
Amount	Base currency price
ValueInAlternativeCurrency	
Amount	Alternative currency price
ForExecutionIndicator	For execution indicator
CumDividendIndicator	Cum dividend indicator
EstimatedPriceIndicator	Estimated price indicator

Schema Map 16 Price Report

NEW
NEW

Price Reporting Data Dictionary		Price Report
<i>Alternative currency price</i>		O
<i>Base currency price</i>		M
<i>Cum dividend indicator</i>		M
<i>Dual Price Indicator</i>		M
<i>Estimated price indicator</i>		M
<i>Financial instrument (ISIN) - quoted by preference where available</i>		M1
<i>Financial instrument (proprietary identification)</i>		M1
<i>For execution indicator</i>		M
<i>Last page indicator</i>		M
<i>Message creation date and time</i>		M
<i>Message reference</i>		M
<i>Official valuation indicator</i>		M
<i>Page number</i>		M
<i>Price reference</i>		M
<i>Price report function</i>		M
<i>Price report identification</i>		M
<i>Price type</i>		M
<i>Proprietary identification source</i>		M1
<i>Suspended Indicator</i>		M
<i>Trade Date (Valuation date repeated)</i>		M
<i>Valuation Cycle</i>		M
<i>Valuation Date</i>		M

M - Mandatory Items
 M1 - Mandatory financial instrument identifier choice
 O - Optional items

Price Report – Example Messages

Price report for two funds in base currency only with ISIN identification

<pre> <Document xmlns="urn:swift:xsd:reda.001.001.04" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:swift:xsd:reda.001.001.04"> <PricRpt> <MsgId> <Id>VNA05.00XML31.03</Id> <CreDtTm>2013-05-31T11:29:00</CreDtTm> </MsgId> <MsgPgntn> <PgNb>1</PgNb> <LastPgInd>true</LastPgInd> </MsgPgntn> <PricRptId>PRICE REPORT ID</PricRptId> <Fctn>NEWP</Fctn> <PricValtnDtls> <Id>PRICE REFERENCE (1)</Id> <ValtnDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </ValtnDtTm> <NAVDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </NAVDtTm> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> <DualFndInd>true</DualFndInd> </FinInstrmDtls> <ValtnTp>USUA</ValtnTp> <OffclValtnInd>true</OffclValtnInd> <SspdInd>false</SspdInd> <PricDtls> <Tp>OFFR</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">0.95</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>MIDD</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.00</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>BIDE</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.05</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>false</EstmtdPricInd> </PricDtls> </PricValtnDtls> <PricValtnDtls> <Id>PRICE REFERENCE (2)</Id> <ValtnDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </ValtnDtTm> <NAVDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </NAVDtTm> <FinInstrmDtls> <Id> </pre>	<p>Price report for two funds in base currency only with ISIN identification</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory</p> <p>Pagination is new in October 2007</p> <p>Dual Fund Indicator is a mandatory item – as is the official valuation indicator.</p> <p>The estimated price indicator is mandatory</p>
---	---

Part Two. Section 4 – Price Report

<pre> <ISIN>ISINCODE0002</ISIN> </Id> <DualFndInd>true</DualFndInd> </FinInstrmDtls> <ValtnTp>USUA</ValtnTp> <OffclValtnInd>true</OffclValtnInd> <SspdInd>false</SspdInd> <PricDtls> <Tp>OFFR</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.30</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>MIDD</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.35</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>BIDE</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.40</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>false</EstmtdPricInd> </PricDtls> </PricValtnDtls> </PricRpt> </Document> </pre>	
---	--

XML Example 28 Price report in fund base currency

Price report for one fund in two currencies with ISIN codes

<pre> <Document xmlns="urn:swift:xsd:reda.001.001.04" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:swift:xsd:reda.001.001.04"> <PricRpt> <MsgId> <Id>VNA05.00XML32.03</Id> <CreDtTm>2013-05-31T11:29:00</CreDtTm> </MsgId> <MsgPgntn> <PgNb>1</PgNb> <LastPgInd>true</LastPgInd> </MsgPgntn> <PricRptId>PRICE REPORT ID</PricRptId> <Fctn>NEWP</Fctn> <PricValtnDtls> <Id>PRICE REFERENCE (1)</Id> <ValtnDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </ValtnDtTm> <NAVDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </NAVDtTm> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> <DualFndInd>true</DualFndInd> </FinInstrmDtls> <ValtnTp>USUA</ValtnTp> </PricValtnDtls> </PricRpt> </Document> </pre>	<p>Price report for one fund in two currencies with ISIN identification</p> <p>Price report</p>
--	--

Part Two. Section 4 – Price Report

```

<OffclValtnInd>true</OffclValtnInd>
<SspdInd>false</SspdInd>
<PricDtls>
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    <Amt Ccy="GBP">0.95</Amt>
  </ValInInvstmtCcy>
  <ValInAltrntvCcy>
    <Amt Ccy="EUR">1.33</Amt>
  </ValInAltrntvCcy>
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  <EstmtdPricInd>false</EstmtdPricInd>
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  </ValInAltrntvCcy>
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  <CumDvddInd>true</CumDvddInd>
  <EstmtdPricInd>false</EstmtdPricInd>
</PricDtls>
</PricValtnDtls>
<PricValtnDtls>
  <Id>PRICE REFERENCE (2)</Id>
  <ValtnDtTm>
    <DtTm>2013-05-31T00:00:00</DtTm>
  </ValtnDtTm>
  <NAVDtTm>
    <DtTm>2013-05-31T00:00:00</DtTm>
  </NAVDtTm>
  <FinInstrmDtls>
    <Id>
      <ISIN>ISINCODE0002</ISIN>
    </Id>
    <DualFndInd>true</DualFndInd>
  </FinInstrmDtls>
  <ValtnTp>USUA</ValtnTp>
  <OffclValtnInd>true</OffclValtnInd>
  <SspdInd>false</SspdInd>
  <PricDtls>
    <Tp>OFFR</Tp>
    <ValInInvstmtCcy>
      <Amt Ccy="GBP">1.30</Amt>
    </ValInInvstmtCcy>
    <ForExctnInd>true</ForExctnInd>
    <CumDvddInd>true</CumDvddInd>
    <EstmtdPricInd>false</EstmtdPricInd>
  </PricDtls>
  <PricDtls>
    <Tp>MIDD</Tp>
    <ValInInvstmtCcy>
      <Amt Ccy="GBP">1.35</Amt>
    </ValInInvstmtCcy>
    <ForExctnInd>true</ForExctnInd>
    <CumDvddInd>true</CumDvddInd>
    <EstmtdPricInd>false</EstmtdPricInd>
  </PricDtls>
  <PricDtls>
    <Tp>BIDE</Tp>

```

This message quotes the base currency price and the price in an alternative currency.

Part Two. Section 4 – Price Report

<pre> <ValInInvstmtCcy> <Amt Ccy="GBP">1.40</Amt> </ValInInvstmtCcy> <ForExctnInd>true</ForExctnInd> <CumDvddInd>true</CumDvddInd> <EstmtdPricInd>>false</EstmtdPricInd> </PricDtls> </PricValtnDtls> </PricRpt> </Document> </pre>	
--	--

XML Example 29 Price report in two currencies

Holdings Reporting

Product providers should report on all holdings for subscribed clients for a particular TPA.

Which holdings messages?

The “Custody Statement of Holdings” is used in corporate pensions usage because it is more flexible in usage than the “Accounting Statement of Holdings” message.

Statement of Holdings

The contents of this message are intended for comparison purposes with TPAs’ in-house systems. It is not intended that the valuations in this message should replace valuations on the TPAs’ systems.

The holdings statement reference should be a reference to a particular statement. Where the statement is communicated over several statement pages the reference should be the same across all pages.

Statement of Holdings Cancellation

The statement of holdings cancellation message is not supported for corporate pensions use. [H4]

Scope of Holdings reporting

The minimum requirement for this project is that statement of holdings messages should be available for all subscribed defined contribution cases. Other cases, defined benefit cases for example, may be reported at the discretion of the product providers.

Holdings Report Logical Data Items

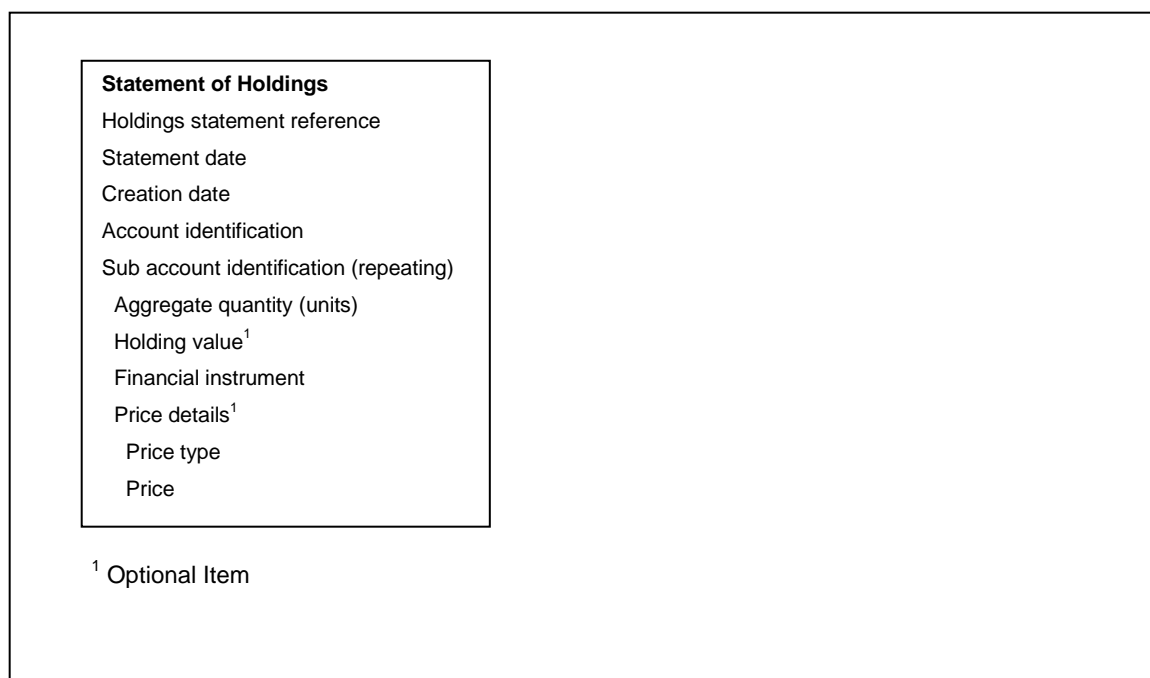


Figure 7 Statement of Holdings - Logical Data Items

Custody Statement of Holdings Schema Map

XML Schema Data Item	Content
CustodyStatementOfHoldingsV02	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
MessagePagination	
PageNumber	Page number
LastPageIndicator	Last page indicator
StatementGeneralDetails	
Reference	Holdings statement reference
StatementDateTime	
DateTime	Statement date
CreationDateTime	
DateTime	Creation date
Frequency	
FrequencyAsCode	Frequency of the statement 'DAIL' = Daily etc.
UpdateType	
StatementUpdateTypeAsCode	Update type. 'COMP' = complete
ActivityIndicator	Activity indicator. Must be 'yes'.
StatementBasis	
StatementBasisAsCode	Statement basis. 'TRAD' = traded.
AccountDetails	
Identification	
SimpleIdentification	
Proprietary	
Identification	Account identifier
FungibleIndicator	Account fungible indicator
SubAccountDetails (repeating)	
Identification	
SimpleIdentification	
Proprietary	
Identification	Sub account identifier
FungibleIndicator	Sub account fungible indicator
ActivityIndicator	Sub account activity indicator
BalanceForSubAccount (repeating)	
AggregateQuantity	
Quantity	
Unit	Aggregate quantity (units)
HoldingValue	Holding value
FinancialInstrumentDetails	
Identification	
Choice between	
ISIN	Financial instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial instrument (proprietary identifier)
ProprietaryIdentificationSource	Proprietary identifier source
PriceDetails	
Value	
Amount	Price
ValueType	
Type	Price type

Schema Map 17 Custody Statement of Holding

Part Two. Section 5 - Holdings Reporting

Custody Statement of Holdings Data Dictionary	
	Custody Statement of Holding
<i>Account fungible indicator</i>	M
<i>Account identifier</i>	M
<i>Activity indicator</i>	M
<i>Aggregate quantity value code</i>	M1
<i>Aggregate quantity (units)</i>	M1
<i>Aggregate quantity value</i>	M1
<i>Aggregate quantity value issuer</i>	M1
<i>Creation date</i>	M
<i>Financial Instrument (ISIN)</i>	M2
<i>Financial Instrument (Proprietary ID source)</i>	M2
<i>Financial Instrument (Proprietary ID)</i>	M2
<i>Frequency of the statement</i>	M
<i>Holding value</i>	O
<i>Holdings statement reference</i>	M
<i>Last page indicator</i>	M
<i>Message creation date and time</i>	M
<i>Message reference</i>	M
<i>Page number</i>	M
<i>Price</i>	O
<i>Price Type</i>	O
<i>Statement basis</i>	M
<i>Statement date</i>	M
<i>Sub account identification</i>	M
<i>Sub-account fungible indicator</i>	M
<i>Update type</i>	M

M1 = Mandatory holding statement (units or value of non-priced items) choice
 M2 = Mandatory financial instrument identification choice

Custody Statement of Holdings – Example Messages

Custody statement of holdings multiple sub accounts and funds

<pre> <Document xmlns="urn:swift:xsd:semt.002.001.02"> <CtdyStmtOfHldgsV02> <MsgId> <Id>VNA02.03XML33.01</Id> <CreDtTm>2007-07-07T12:35:00</CreDtTm> </MsgId> <MsgPgntn> <PgNb>1</PgNb> <LastPgInd>true</LastPgInd> </MsgPgntn> <StmtGnlDtls> <Ref>HOLDINGS STATEMENT REFERENCE</Ref> <StmtDtTm> <DtTm>2007-07-07T00:00:00</DtTm> </StmtDtTm> <CreDtTm> <DtTm>2007-07-07T12:41:00</DtTm> </CreDtTm> <Frqcy> <FrqcyAsCd>DAIL</FrqcyAsCd> </Frqcy> <UpdTp> <StmntUpdTpAsCd>COMP</StmntUpdTpAsCd> </UpdTp> <ActvtyInd>true</ActvtyInd> <StmntBsis> <StmntBsisAsCd>TRAD</StmntBsisAsCd> </StmntBsis> </StmtGnlDtls> <AcctDtls> <Id> <SmplId> <Prtry> <Id>ACCOUNT IDENTIFIER</Id> </Prtry> </SmplId> </Id> <FnbgInd>true</FnbgInd> </AcctDtls> <SubAcctDtls> <Id> <SmplId> <Prtry> <Id>SUB ACCOUNT IDENTIFIER (1)</Id> </Prtry> </SmplId> </Id> <FnbgInd>true</FnbgInd> <ActvtyInd>true</ActvtyInd> <BalForSubAcct> <AggtQty> <Qty> <Unit>1000000.00</Unit> </Qty> </AggtQty> <HldgVal Ccy="GBP">1350000.00</HldgVal> <FinInstrmDtls> <Id> <ISIN>ISIN00000001</ISIN> </Id> </FinInstrmDtls> <PricDtls> <Val> <Amt Ccy="GBP">1.35</Amt> </Val> <Tp>MIDD</Tp> </PricDtls> </BalForSubAcct> </SubAcctDtls> </CtdyStmtOfHldgsV02> </Document> </pre>	<p>Custody statement of holdings. Multiple sub accounts with one or more funds per sub account.</p> <p>The message reference should be unique across all messages from a particular sender and</p> <p>The creation datetime is mandatory</p>
---	---

Part Two. Section 5 - Holdings Reporting

<pre> <AggtQty> <Qty> <Unit>300000.00</Unit> </Qty> </AggtQty> <HldgVal Ccy="GBP">375000.00</HldgVal> <FinInstrmDtls> <Id> <ISIN>ISIN000000002</ISIN> </Id> </FinInstrmDtls> <PricDtls> <Val> <Amt Ccy="GBP">0.80</Amt> </Val> <Tp>MIDD</Tp> </PricDtls> </BalForSubAcct> </SubAcctDtls> <SubAcctDtls> <Id> <SmplId> <Prtry> <Id>SUB ACCOUNT IDENTIFIER (2)</Id> </Prtry> </SmplId> </Id> <FngbInd>true</FngbInd> <ActvtyInd>true</ActvtyInd> <BalForSubAcct> <AggtQty> <Qty> <Unit>25.00</Unit> </Qty> </AggtQty> <HldgVal Ccy="GBP">25.00</HldgVal> <FinInstrmDtls> <Id> <ISIN>ISIN000000003</ISIN> </Id> </FinInstrmDtls> <PricDtls> <Val> <Amt Ccy="GBP">1.00</Amt> </Val> <Tp>MIDD</Tp> </PricDtls> </BalForSubAcct> </SubAcctDtls> </CtdyStmntOfHldgsV02> </Document> </pre>	
--	--

XML Example 30 Custody statement of holdings. Multiple sub accounts and funds.

Transaction Statement Report

It has been agreed to introduce support for transaction statement reports in this new version of ViaNova. These reports are useful for reporting all the transactions on an investment account, including those not initiated by the TPA. This is of particular interest to those companies operating “benchmark” funds.

“Benchmark” funds are those which operate within an agreed set of asset allocation rules – known as Benchmarks – these rules define the asset distribution of the fund across a set of financial instruments. Investments and disinvestments from the fund are applied with a view to maintaining the asset allocation of the benchmark in-line with the stated goals. Investment and disinvestment orders are specified in cash and switch instructions are not supported for these products.

Because orders are placed at the “benchmark” level the order confirmations are also stated at the benchmark level. A virtual price of 1 GBP is used to complete the confirmation message. Thus, an investment of 1,000 GBP would be confirmed with an order confirmation with a value of 1,000 GBP – with a nominal unit quantity of 1,000. However, underlying this activity are a set of asset transactions which have been generated in order to maintain the appropriate asset allocation. Under previous versions of the ViaNova business requirements these transactions are not reported using ISO 20022 messages, instead product providers are producing reports in various formats to assist the TPA in reconciling their transactions.

One important consideration is that the transactions in the benchmark fund are not simply generated in response to client orders. The fund manager will also be doing periodic switch activity to bring the fund more closely in-line with its benchmark. Also, in some cases, disinvestments are made from the fund to cover the fund manager’s fees. These transactions also need to be reported.

A sub-group of the ViaNova working group was formed to consider this problem and on 22 April 2013 it agreed to use the StatementOfInvestmentFundTransactionsV02 (semt.006.001.02) to meet these requirements. The addition of a new message to ViaNova is considered the ideal way to implement transaction statement reporting since it will not interfere with the existing systems and can be introduced by ViaNova participants at a time most convenient to them.

Usage

The statement of holdings message is sent by product providers to TPAs

Frequency of publication

The statement should be sent whenever there is activity on the sub account.

Transaction Statement Logical Data Items

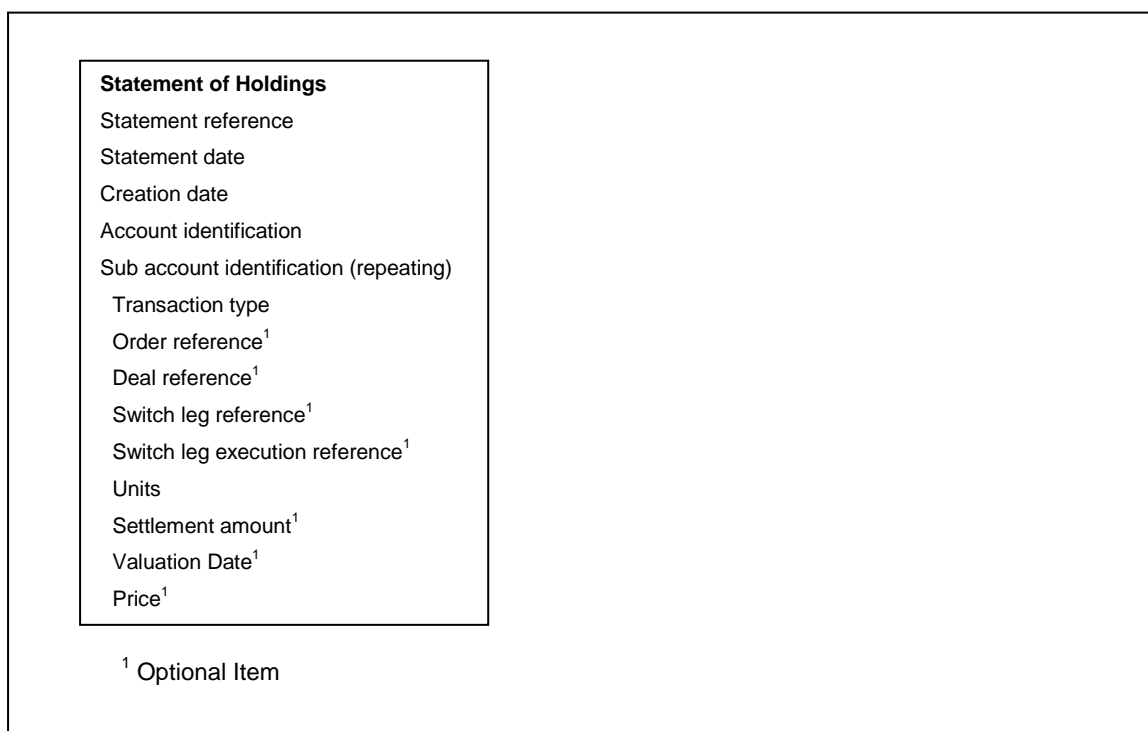


Figure 8 Transaction Statement Logical Data Items

Statement of Transactions Schema Map

XML Schema	Content
StatementOfInvestmentFundTransactionsV02	
MessageIdentification	
Identification	Message reference
CreationDateTime	Message creation date and time
MessagePagination	
PageNumber	Page number
LastPageIndicator	Last page indicator
StatementGeneralDetails	
Reference	Transaction statement reference
StatementPeriod	
FromDate	Statement start date
ToDate	Statement end date - FromDate and ToDate are the same if the statement represents a single valuation date.
CreationDateTime	
DateTime	Creation datetime
UpdateType	COMP = Complete
ActivityIndicator	Report only generated when there is activity - so "true"
InvestmentAccountDetails	
Identification	
ProprietaryIdentification	
Identification	Account identifier
SubAccountDetails (repeating)	
Identification	
SimpleIdentification	
ProprietaryIdentification	
Identification	Sub account identifier
ActivityIndicator	Activity Indicator = true
TransactionOnSubAccount (repeating)	
Identification	
Choice between	
ISIN	Financial Instrument (ISIN)
Or	
OtherProprietaryIdentification	
Identification	Financial Instrument (Proprietary Identifier)
ProprietaryIdentificationSource	Financial Instrument (Proprietary Identifier Source)
TransactionDetails (repeating)	
Choice between	
TransactionType	Transaction type code - REDM, SUBS, SWII, SWIO
Or	
ExtendedTransactionType	"FEES" - where this transaction is an encashment by the product provider to obtain management fees.
OrderReference	TPA Order reference
DealReference	Product Provider Deal Reference
LegIdentification	For reporting TPA Switch Instructions
LegExecutionIdentification	Product Provider Switch Leg Reference - for reporting switch instructions
SettledTransactionIndicator	Default to true
RegisteredTransactionIndicator	Default to true
UnitsQuantity	
Unit	Number of units
CreditDebit	CRDT or DBIT. CRDT = Subscription, DBIT = Redemption
SettlementAmount	Cash Settlement amount and currency
SettlementDate	
TradeDateTime	
DateTime	Valuation date

Part Two. Section 6 – Statement of Transactions

CumDividendIndicator	Defaults to true
PartiallyExecutedIndicator	Defaults to false
PriceDetails	
Type	Price type code - not restricted to any particular sub set
Value	
Amount	Price and currency

Schema Map 18 Statement Of Investment Fund Transactions

Transaction Reporting Data Dictionary	
<i>Account identifier</i>	M
<i>ActivityIndicator</i>	M
<i>Cash Settlement amount and currency</i>	O
<i>Creation datetime</i>	O
<i>Credit Debit Indicator</i>	M
<i>Cum Dividend Indicator</i>	M
<i>ExtendedTransactionType - FEES</i>	M2
<i>Financial Instrument (ISIN)</i>	M1
<i>Financial Instrument (Proprietary Identifier Source)</i>	M2
<i>Financial Instrument (Proprietary Identifier)</i>	M1
<i>Last page indicator</i>	M
<i>Message creation date and time</i>	M
<i>Message reference</i>	M
<i>Number of units</i>	M
<i>Page number</i>	M
<i>Partially Executed Indicator</i>	M
<i>Price Type Code</i>	O
<i>Product Provider Deal Reference</i>	O1
<i>Product Provider Switch Leg Reference</i>	O1
<i>Registered Transaction Indicator</i>	M
<i>Settled Transaction Indicator</i>	M
<i>Statement end date - FromDate and ToDate are the same if the statement represents a single valuation date.</i>	M
<i>Statement start date</i>	M
<i>Sub account identifier</i>	M
<i>TPA Order reference</i>	O2
<i>TPA Switch Leg Identifier</i>	O2
<i>Transaction statement reference</i>	M
<i>Transaction type code - REDM, SUBS, SWII, SWIO</i>	M2
<i>UpdateType</i>	M
<i>Valuation date</i>	M

M - Mandatory Items

M1 - Mandatory financial instrument identifier choice

M2 - Mandatory transaction type choice

O1 - Product provider transaction reference choice

O2 - TPA transaction reference choice

Extended transaction type indicator used where fees have been taken by the encashment

Extended transaction type indicator used where fees have been taken by the encashment

Part Two. Section 6 – Statement of Transactions

<pre> </UnitsQty> <CdtDbt>DBIT</CdtDbt> <SttlmAmt Ccy="GBP">15</SttlmAmt> <TradDtTm> <DtTm>2013-05-30T00:00:00</DtTm> </TradDtTm> <CumDvddInd>true</CumDvddInd> <PrtlyExctdInd>false</PrtlyExctdInd> <PricDtls> <Tp>BIDE</Tp> <Val> <Amt Ccy="GBP">0.50</Amt> </Val> </PricDtls> </TxDtls> <TxDtls> <TxTp>SWII</TxTp> <SttldTxInd>true</SttldTxInd> <RegdTxInd>true</RegdTxInd> <UnitsQty> <Unit>2000</Unit> </UnitsQty> <CdtDbt>CRDT</CdtDbt> <SttlmAmt Ccy="GBP">1000</SttlmAmt> <TradDtTm> <DtTm>2013-05-30T00:00:00</DtTm> </TradDtTm> <CumDvddInd>true</CumDvddInd> <PrtlyExctdInd>false</PrtlyExctdInd> <PricDtls> <Tp>MIDD</Tp> <Val> <Amt Ccy="GBP">0.50</Amt> </Val> </PricDtls> </TxDtls> </TxOnSubAcct> <TxOnSubAcct> <Id> <ISIN>ISINCODE0002</ISIN> </Id> <TxDtls> <TxTp>REDM</TxTp> <SttldTxInd>true</SttldTxInd> <RegdTxInd>true</RegdTxInd> <UnitsQty> <Unit>500</Unit> </UnitsQty> <CdtDbt>DBIT</CdtDbt> <SttlmAmt Ccy="GBP">250</SttlmAmt> <TradDtTm> <DtTm>2013-05-30T00:00:00</DtTm> </TradDtTm> <CumDvddInd>true</CumDvddInd> <PrtlyExctdInd>true</PrtlyExctdInd> <PricDtls> <Tp>OFFR</Tp> <Val> <Amt Ccy="GBP">2.00</Amt> </Val> </PricDtls> </TxDtls> <TxDtls> <TxTp>SWIO</TxTp> <SttldTxInd>true</SttldTxInd> <RegdTxInd>true</RegdTxInd> <UnitsQty> <Unit>500</Unit> </UnitsQty> <CdtDbt>DBIT</CdtDbt> <SttlmAmt Ccy="GBP">1000</SttlmAmt> <TradDtTm> <DtTm>2013-05-30T00:00:00</DtTm> </pre>	of units.
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Part Two. Section 6 – Statement of Transactions

<pre> </TradDtTm> <CumDvddInd>true</CumDvddInd> <PrtlyExctdInd>true</PrtlyExctdInd> <PricDtls> <Tp>MIDD</Tp> <Val> <Amt Ccy="GBP">2.00</Amt> </Val> </PricDtls> </TxDtls> </TxOnSubAcct> </SubAcctDtls> </StmtOfInvstmtFndTxsv02> </Document> </pre>	
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XML Example 31 Statement of Investment Fund Transactions

Appendix A: ISO 20022 Message References

All ISO 20022 messages contain an element holding the message reference. This reference is used to uniquely identify a message and provide a unique identifier for the group of orders in the order messages. In addition there is a mandatory element containing the message creation date and time.

The pool reference is not supported for corporate pensions usage.[21]

NOTE: When this document refers to the message reference it is referring to the ISO 20022 message element <MsgId> and the <Id> contained within it. We are not referring to any message reference contained within the SWIFT message wrapper or any other message delivery mechanism.

	Message Reference	Previous Reference	Related Reference
Subscription, Redemption or Switch Order	TPA order message reference		
Order Instruction Status Report			TPA order message reference
Order Cancellation Status Report			TPA order message reference
Subscription, Redemption or Switch Order Cancellation Request		TPA order message reference	
Subscription, Redemption or Switch Order Confirmation			TPA order message reference

Table 4 The TPA order message reference and its path through the order process.

When the TPA refers to a particular order message they use the 'previous reference' element. When the product provider needs to refer to an order message they put the reference in the 'related reference' element.

Uniqueness of Message References

Message references must be unique across all message types from a particular sender. From the receiver's point of view however there is no guarantee that message references are unique. It is perfectly possible to receive messages with the same message references from two senders.

Receivers must always combine the identity of the sender and the message reference to create a unique identifier for a message. How the sender's identity is obtained depends on how the message is delivered. If messages are received via the SWIFTNet Funds service then the SWIFT message wrapper must be examined to obtain the SWIFT certified identity of the sender. Where other delivery

Appendix A. Message References.

mechanisms are used it is essential that the mechanism provides a means of guaranteeing the identity of the message sender – only then can a unique message identifier be created. [25]

The following references must be unique across all message types from a particular sender

- Message reference
- Order reference
- Switch leg identifier [26]

It has been agreed that order references, message references and switch leg identifiers should have a maximum length of 16 characters in order to maximise compatibility with ISO 15022 message systems. [27]

References limited to 16 characters

- Message reference
- Order reference
- Switch leg identifier [28]

Appendix B: Order Cancellation Scenarios

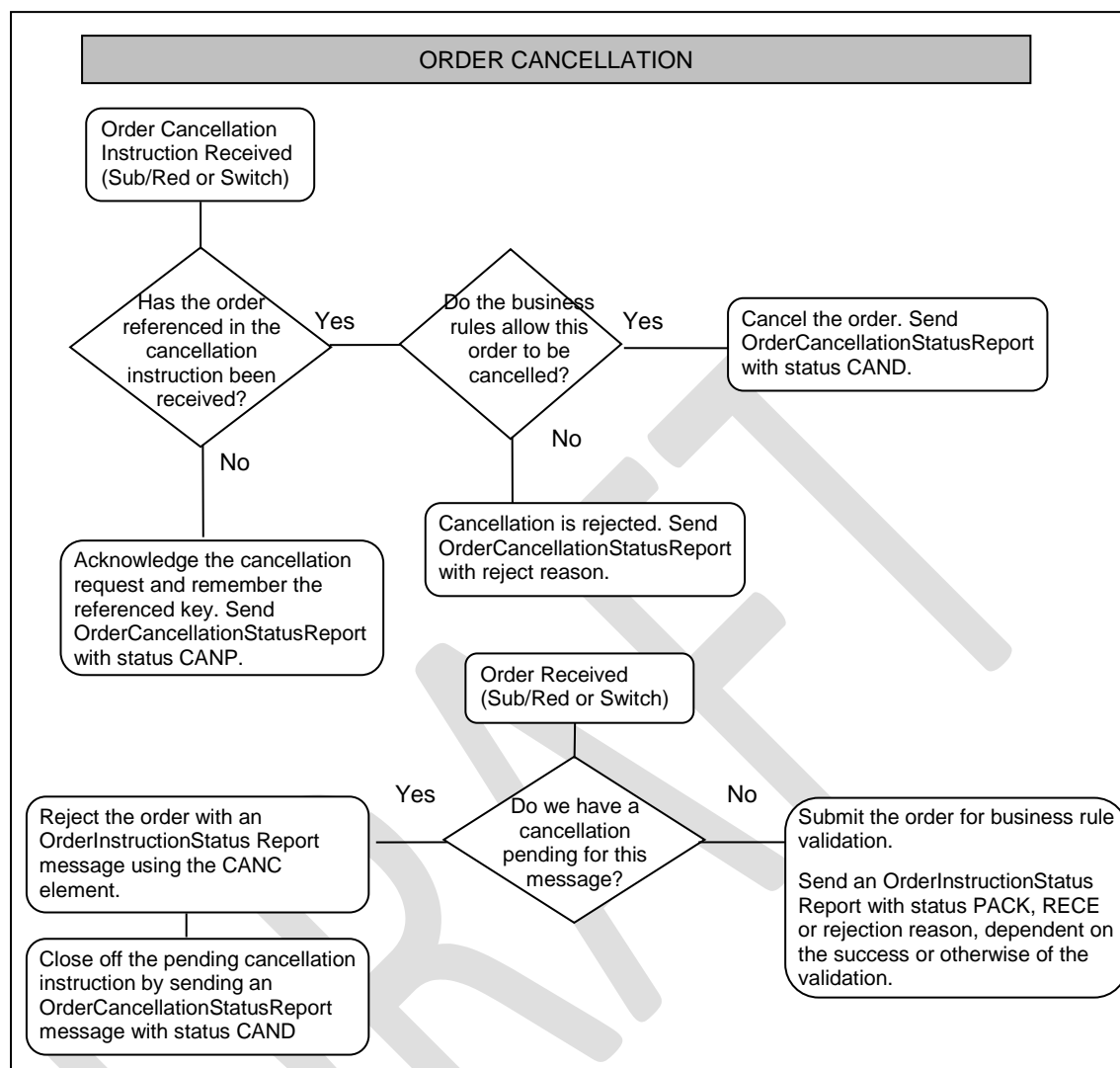


Figure 9 Order Cancellation Logic

Responses to order cancellation requests

Scenario One: Order cancellation using message reference only

OrderCancellationRequestV03

RedemptionOrderCancellationRequestV03

SwitchOrderCancellationRequestV03

Possible Responses:

- A) The cancellation is rejected.

One possible reason for the rejection is that the product provider does not support cancellation of orders at the message level.

- B) The cancellation is made 'PENDING'

The order message that this cancellation request refers to has not been received by the product provider

- C) The cancellation is accepted and all the orders within the original order message are cancelled.

The product provider responds with an Order Cancellation Status Report. **In a change to market practice this order cancellation status report will provide not only the order message reference as a related reference but will also use the IndividualCancellationStatusReport sequence of the message to give the order reference and cancellation status of all the orders which have been cancelled.**

These cancellation statuses may require the sending of more than one OrderCancellationStatusReport

As before the product provider will also send one or more OrderInstructionStatusReportV03 messages quoting the original order message as a related reference and using the IndividualOrderDetailsReport sequence to give the order status of each cancelled order. This is not a change to market practice.

Scenario Two: Order cancellation using the order reference and the message reference

Possible Responses:

- A) The cancellation is rejected.

One possible reason for the rejection is that the product provider does not support cancellation of orders by use of the order reference.

- B) The cancellation is made 'PENDING'

The order message that this cancellation request refers to has not been received by the product provider

- C) The cancellation is accepted and the requested order is cancelled.

Appendix B. Order Cancellation Scenarios.

The product provider responds with an Order Cancellation Status Report. **In a change to market practice this order cancellation status report will provide not only the order message reference as a related reference but will also use the IndividualCancellationStatusReport sequence of the message to give the order reference and cancellation status of all the orders which have been cancelled.**

These cancellation statuses may require the sending of more than one OrderCancellationStatusReport

As before the product provider will also send one or more OrderInstructionStatusReportV03 messages quoting the original order message as a related reference and using the IndividualOrderDetailsReport sequence to give the order status of each cancelled order. This is not a change to market practice.

- D) The cancellation is accepted and all orders within the original order message are cancelled (because the product provider does not support cancellation of orders by use of the order reference).

Scenario Three: Order cancellation by using the order reference – no message reference is provided

Possible Responses:

- A) The cancellation is rejected.

One possible reason for the rejection is that the product provider does not support cancellation of orders by use of the order reference without the associated message reference/

- B) The cancellation is made 'PENDING'

The order message that this cancellation request refers to has not been received by the product provider

- C) The cancellation is accepted and the requested order is cancelled.

The product provider responds with an Order Cancellation Status Report. **In a change to market practice this order cancellation status report use the IndividualCancellationStatusReport sequence to give the order reference and cancellation status of all the orders which have been cancelled – the original order message reference can be quoted as a related reference but this is optional.**

These cancellation statuses may require the sending of more than one OrderCancellationStatusReport

As before the product provider will also send one or more OrderInstructionStatusReportV03 messages quoting the original order message as a related reference and using the IndividualOrderDetailsReport sequence to give the order status of each cancelled order. This is not a change to market practice