



Global Alternative Investment Automation

Message Mapping

GAIA Version	Mapping To
2.03	ISO 20022 Autumn 2017

Version	Status	Date	Comments
2.03	Live	08 May 2017	Removed settlement amount from the GAIA sell instruction map – this had been included in error.
2.02	Live	02 May 2017	Corrected mapping conditionality. AccountDesignation is an optional item and had been shown as mandatory, in error, in some cases.
2.01	Live	24 Apr 2017	Correction to settlement amount conditionality – now shown as mandatory in the redemption and subscription confirmations messages.
2.00	Live	01 Feb 2017	Added support for OrderWaiverReason1Code. Removed the DRAFT indicator from the message names.
1.13	Draft	16 Nov 2016	Added NUMV price type for non-united fund order confirmations.
1.12	Draft	08 Nov 2016	Mappings changed to use DRAFT4 schemas for SETR messages to be released in 2017
1.11	Draft	05 Sep 2016	Adjustments to support estimated cash settlement date items.
1.10	Draft	20 Jun 2016	Support for non-united funds.
1.00	Live	18 Aug 2015	Removed mapping to Special Agreement Reference in Letter Intent Reference – no longer required. Using Gross amount and not Net amount in GAIA booked trade message mapping.
0.14	Draft	24 Jun 2015	Added cash settlement date to the subscription confirmation. Fixed formatting problems with the order cancellation confirmation message maps. Also added a work around for when total charges are to be sent without being broken down. Added a usage rule to pass a zero amount for settlement amount if settlement has not been provided (it is an optional item in the GAIA data model)
0.13	Draft	15 Jun 2015	Added missing Lot Identifier to the redemption order.
0.12	Draft	29 May 2015	Added support to reject an order with duplicate order reference. Corrected mis-mapping in the order instruction status report to support additional information on order rejections.
0.11	Draft	26 May 2015	Remove cash settlement bank details from the subscription order message, added support for account designation to hold the beneficial owner reference.
0.10	Draft	27 Apr 2015	Proposing to use the extended order type in the buy instruction to carry the GAIA special agreement code
0.09	Draft	21 Apr 2015	Now using bulk settlement details in the order message. Mappings for subscription confirmation
0.08	Draft	10 Jan 2015	Initial version

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Introduction

This is the official mapping from the GAIA Data Dictionary to the ISO 20022 messaging standard. Several firms in the GAIA group have expressed an interest in using the SWIFT network to exchange their GAIA messages and the ISO 20022 message set would be ideally suited for this purpose.

We have managed to map the GAIA data dictionary to the ISO 20022 standard without the use of any extension elements – i.e. it all fits in to the current version of the messages. There may be some data fields where a little extra imagination has been used to make the mapping but we believe this is justifiable since the GAIA market practice is message standard agnostic and is not a market practice for the use of ISO 20022. All we require of the ISO message set is that it can carry the information we require in a form that is agreed by the GAIA group.

SW August 2015

Support for Non-unitised funds

GAIA version 1.3 introduces support for non-unitised funds. A non-unitised fund does not have a unit price, neither does it have a unit holding. Orders will never be denominated in units and there will be no units to report in contract notes (order confirmations). However, this does not map perfectly to the order confirmation messages (setr.006.001.03 and setr.012.001.03) as it treats both the number of units and the unit dealing price as mandatory items.

The GAIA group has agreed that the missing mandatory data items can be derived by confirming the order as if the order cash value had been used to buy or sell one big unit, with a price the same as the net cash value of the order.

Non-Unitised Funds Business Rules – One Big Unit

We treat the unit quantity as one big unit equal to the cash value of the order. When writing a contract note for a non-unitised fund the mandatory data items should be completed as follows.

Data Item		Type	Suggested value for non-unitised funds
Unit Quantity		Decimal	1.00
Dealing Price		Price	
		Currency Value	
	Cash Amount	Decimal	Same as cash value of order
	Currency	ISO 4217 Currency Code	Same as cash value of order currency
	Price Type	GAIA Price Type. String(10)	MID

Subscription Order V04 (setr.010.001.04)
In the ISO namespace

GAIA Buy Instruction

ONE ORDER PER MESSAGE ONLY

ISO 20022 Tag Description					Tag	GAIA Data Item		Min	Max												
SubscriptionOrderV04					SbcptOrdr			1	1												
	MessageIdentification				+MsgId			1	1												
	Identification				++Id	System Generated		1	1												
	CreationDateTime				++CreDtTm	System Generated		1	1												
	MultipleOrderDetails				+ MltplOrdrDtls	MultipleOrderDetails		1	1												
	RequestedFutureTradeDate				++ReqdFutrTradDt	Requested Trade Date		0	1												
	InvestmentAccountDetails				++InvstmtAcctDtls			1	1												
		AccountIdentification			+++AcctId	Registered Investor Identification		1	1												
	AccountDesignation				+++AcctDsgnt	Beneficial Owner Designation		0	1												
	IndividualOrderDetails				++IndvOrdrDtls			1	1												
	OrderReference				+++OrdrRef	Order Reference		1	1												
	FinancialInstrumentDetails				+++FinInstrmDtls			1	1												
		Identification			++++Id	Fund Master Identifier		1	1												
		Either				Either															
			CUSIP		+++++CUSIP		CUSIP	1	1												
		Or				Or															
			ISIN		+++++ISIN		ISIN	1	1												
		Or				Or															
			SEDOL		+++++SEDOL		SEDOL	1	1												
		Or				Or															
		OtherProprietaryIdentification				+++++OthrPrtryId															
				Identification		+++++Id	Proprietary Identifier or NSCC code	1	1												
		IdentificationSource				+++++IdSrc															
				Proprietary		++++++Prtry	Set to 'NSCC' for DTTC codes or a code representing the identification source i.e. 'CITCO, STATESTREET, JPMORGAN' etc.	1	1												
		Name				++++Nm	Fund Name	0	1												
		ClassType				++++ClsTp	Fund Class Identifier	0	1												
	AmountOrUnits				+++AmtOrUnits	Order Instruction		1	1												
	Either					Either															
		UnitsNumber				++++UnitsNb	Unit Quantity	1	1												
	Or					Or															
		GrossAmount				++++GrssAmt	Currency Value Amount	1	1												
		Currency Attribute				Currency Attribute	Currency Value Currency Code	1	1												
	SettlementAmount				+++SttlmAmt	Cash Settlement Amount		0	1												
		Currency Attribute				Currency Attribute	Cash Settlement Currency Code	1	1												
	CashSettlementDate				+++CshSttlmDt	Expected Cash Settlement Date		0	1												
	PhysicalDeliveryIndicator				+++PhysDlvryInd	Set to false		1	1												
	OrderWaiverDetails				+++OrdrWvrDtls	Special Agreement		0	1												
		OrderWaiverReason				++++OrdrWvrRsn		0	1												
	Either																				
			Code		+++++Cd	Supported codes here:															
						<table><tr><td>GAIA Special Agreement Code</td><td>OrderWaiver Reason1Code</td></tr><tr><td>MINAGREED</td><td>BMIN</td></tr><tr><td>FEND</td><td>FEND</td></tr><tr><td>LATE</td><td>LATE</td></tr><tr><td>CUTO</td><td>CUTO</td></tr><tr><td>COMW</td><td>COMW</td></tr></table>		GAIA Special Agreement Code	OrderWaiver Reason1Code	MINAGREED	BMIN	FEND	FEND	LATE	LATE	CUTO	CUTO	COMW	COMW		
GAIA Special Agreement Code	OrderWaiver Reason1Code																				
MINAGREED	BMIN																				
FEND	FEND																				
LATE	LATE																				
CUTO	CUTO																				
COMW	COMW																				
	Or																				
		Proprietary			+++++Prtry			0	1												
			Identification		+++++Id	Special Agreement Code:		1	1												
						AGREED															
						MAXAGREED															
						NOFEE															
						SIDELETTER															
			Issuer		++++++Issr	Set to 'GAIA'		1	1												
	InformationValue				++++InfVal	Free Text		0	1												

setr.004.001.04 RedemptionOrderV04
In the ISO namespace

GAIA Sell Instruction

ONE ORDER PER MESSAGE ONLY

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
RedemptionOrderV04	RedOrdr		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
MultipleOrderDetails	+ MltplOrdrDtls	MultipleOrderDetails	1	1
RequestedFutureTradeDate	++ReqdFutrTradDt	Requested Trade Date	0	1
InvestmentAccountDetails	++InvstmtAcctDtls		1	1
AccountIdentification	+++AcctId	Registered Investor Identification	1	1
AccountDesignation	+++AcctDsgnt	Beneficial Owner Designation	0	1
IndividualOrderDetails	++IndvOrdrDtls		1	1
OrderReference	+++OrdrRef	Order Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtls		1	1
Identification	++++Id	Fund Master Identifier	1	1
Either		Either		
CUSIP	+++++CUSIP	CUSIP	1	1
Or		Or		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
SEDOL	+++++SEDOL	SEDOL	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId			
Identification	++++++Id	Proprietary Identifier or NSCC code	1	1
IdentificationSource	++++++IdSrc			
Proprietary	++++++Prtry	Set to 'NSCC' for DTTC codes or a code representing the identification source i.e. 'CITCO, STATESTREET, JPMORGAN' etc.	1	1
Name	++++Nm	Fund Name	0	1
ClassType	++++ClsTp	Fund Class Identifier	0	1
ProductGroup	++++PdctGrp	Lot Identifier	0	1
SeriesIdentification	++++SrsId	GAIA Series Identifier	0	1
Either		If series name is present		
SeriesName	+++++SrsNm	Series Name	1	1
Or				
Date	+++++SrsDt			
If series year and month are day are present and name is not present		Or		
Year Month and Day	+++++YrMnthDay	Series Year-Month-Day	1	1
Or if just series year and month are present and name is not present		Or		
Year and Month	+++++YrMnth	Series Year-Month	1	1
AmountOrUnitsOrPercentage	+++AmtOrUnitsOrPctg	Order Instruction	1	1
Either		Either		
UnitsNumber	++++UnitsNb	Unit Quantity	1	1
Or		Or		
GrossAmount	++++GrssAmt	Currency Value Amount	1	1
Currency Attribute	Currency Attribute	Currency Value Currency Code	1	1
Or		Or		
HoldingsRedemptionRate	++++HldgsRedRate	Percentage	1	1
CashSettlementDate	+++CshSttlmDt	Expected Cash Settlement Date	0	1
PhysicalDeliveryIndicator	+++PhysDlvryInd	Set to false	1	1
OrderWaiverDetails	+++OrdrWvrDtls	Special Agreement	0	1
OrderWaiverReason	++++OrdrWvrRsn		0	1
Either				
Code	++++Cd	Supported codes here:		
		GAIA Special Agreement Code		
		OrderWaiver Reason1Code		

GAIA Technical Status

ONE ORDER PER MESSAGE

ISO 20022 Tag Description					Tag	GAIA Data Item	Min	Max
OrderInstructionStatusReportV04					OrdrInstrStsRpt		1	1
	MessageIdentification				+MsgId		1	1
	Identification				++Id	System Generated	1	1
	CreationDateTime				++CreDtTm	System Generated	1	1
StatusReport					+StsRpt		1	1
	IndividualOrderDetailsReport				++IndvOrdrDtlsRpt		1	1
	OrderReference				+++OrdrRef	Order Reference	1	1
	OrderStatus				+++OrdrSts	Technical Status	1	1
	Either							
	Status				++++Sts	OK – Set to ‘RECE’	1	1
	Or							
	Rejected				++++Rjctd	GAIA Error Code	1	10
	Reason						1	1
	One of the following codes							
				Code: NSLA	+++++Cd	OTHER - put any error text in the additional information	1	1
				Code: IEXE	+++++Cd	INVBAD - Unrecognised registered investor	1	1
				Code: DSEC	+++++Cd	FNDCSBAD – Fund identification failed	1	1
				Code: ORRF	+++++Cd	DUPREF – An order with this order reference has already been received.	1	1
	AdditionalInformation				++++AddtlInf	Free Text	0	1

setr.016.001.04 OrderInstructionStatusReportV04 GAIA Booked Trade
In the ISO namespace

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
OrderInstructionStatusReportV04	OrdInstrStsRpt		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
StatusReport	+StsRpt		1	1
IndividualOrderDetailsReport	++IndvOrdRpt		1	1
OrderReference	+++OrdRef	Order Reference	1	1
DealReference	+++DealRef	Deal Reference	1	1
OrderStatus	+++OrdSts		1	1
Either (fully settled)		Either		
Status	++++Sts	Set to PACK	1	1
Or (Partial settlement)				
PartiallySettled	++++PrtlySttld		1	1
Reason	+++++Rsn		1	1
One of the following codes				
Code: CPST	+++++Cd	GAIA Code: UPST. Partial Settlement Only	1	1
Code: GAT1	+++++Cd	GAIA Code: GATEDONENAV	1	1
Code: GATM	+++++Cd	GAIA Code: GATEDMULTINAV	1	1
OrderData	+++OrdRData	Booked Order Instruction	1	1
InvestmentAccountDetails	++++InvstmtAcctDtls			
AccountIdentification	+++++AcctId	Registered Investor Identification	1	1
AccountDesignation	+++++AcctDsgnt	Beneficial Owner Designation	0	1
FinancialInstrumentDetails	++++FinInstrmtDtls	Fund Identifier	1	1
Identification	+++++Id			
Either		Either		
CUSIP	+++++CUSIP	CUSIP	1	1
Or		Or		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
SEDOL	+++++SEDOL	SEDOL	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId		1	1
Identification	+++++Id	Proprietary Identifier or NSCC code	1	1
IdentificationSource	+++++IdSrc		1	1
Proprietary	+++++Prtry	Set to 'NSCC' for DTTC codes or a code representing the identification source i.e. 'CITCO, STATESTREET, JPMORGAN' etc.	1	1
Name	+++++Nm	Fund Name	0	1
ClassType	+++++ClsTp	Fund Class Identifier	0	1
ProductGroup	+++++PdctGrp	Lot Identifier	0	1
SeriesIdentification	++++SrsId	GAIA Series Identifier	0	1
Either		If series name is present		
SeriesName	+++++SrsNm	Series Name	1	1
Or				
Date	+++++SrsDt			
If series year and month are day are present and name is not present		Or		
Year Month and Day	+++++YrMnthDay	Series Year–Month–Day	1	1
Or if just series year and month are present and name is not present		Or		
Year and Month	+++++YrMnth	Series Year-Month	1	1
UnitsNumber	++++UnitsNb	Unit Quantity	0	1
GrossAmount	++++GrssAmt	Currency Value Amount	0	1
Currency Attribute	Currency Attribute	Currency Value Currency Code	1	1

				HoldingsRedemptionRate	++++HldgsRedRate	Percentage	0	1
				NewDetails	++++NewDtIs		1	1
				ExpectedTradeDateTime	+++++XpctdTradDtTm			
				Date	++++++Dt	Expected Trade Date	1	1
				ExpectedCashSettlementDate	+++++XpctdCshSttlmDt	Expected Cash Settlement Date	0	1

setr.006.001.04

GAIA Contract Note (Sell)

RedemptionOrderConfirmationV04

In the ISO namespace

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
RedemptionOrderConfirmationV04	RedOrdrCon		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
MultipleExecutionDetails	+MltplExctnDtls		1	1
InvestmentAccountDetails	++InvstmtAcctDtls		1	1
AccountIdentification	+++AcctId	Registered Investor Identification	1	1
AccountDesignation	+++AcctDsgnt	Beneficial Owner Designation	0	1
IndividualExecutionDetails	++IndvExctnDtls		1	1
OrderReference	+++OrdrRef	Order Reference	1	1
DealReference	+++DealRef	Deal Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Fund Identifier	1	1
Identification	+++++Id			
Either		Either		
CUSIP	+++++CUSIP	CUSIP	1	1
Or		Or		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
SEDOL	+++++SEDOL	SEDOL	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId		1	1
Identification	+++++Id	Proprietary Identifier or NSCC code	1	1
IdentificationSource	+++++IdSrc		1	1
Proprietary	+++++Prtry	Set to 'NSCC' for DTTC codes or a code representing the identification source i.e. 'CITCO, STATESTREET, JPMORGAN' etc.	1	1
Name	+++++Nm	Fund Name	0	1
ClassType	+++++ClsTp	Fund Class Identifier	0	1
ProductGroup	+++++PdctGrp	Lot Identifier	0	1
SeriesIdentification	+++++SrsId	GAIA Series Identifier	0	1
Either		If series name is present		
SeriesName	+++++SrsNm	Series Name	1	1
Or				
Date	+++++SrsDt			
If series year and month are day are present and name is not present		Or		
Year Month and Day	+++++YrMnthDay	Series Year–Month–Day	1	1
Or if just series year and month are present and name is not present		Or		
If this is a unitised fund		If this is a unitised fund		
UnitsNumber	+++UnitsNb	Unit Quantity	1	1
If this is a non-unitised fund		If this is a non-unitised fund		
UnitsNumber	+++UnitsNb	Set to 1.' One big unit'	1	1
GrossAmount	+++GrssAmt	Currency Value Amount	1	1
Currency attribute	Currency attribute	Currency Value Currency Code	1	1
TradeDateTime	+++TradDtTm		1	1
Date	++++Dt	Trade Date	1	1
DealingPriceDetails	+++DealgPricDtls	Dealing Price	1	1
If this is unitised fund		If this is unitised fund		
Type	++++Tp	Type	1	1
Code	++++Cd	GAIA CODE		
		BID	BIDE	
		NAV	NAVL	
		OFFER	OFFR	
Value	++++Val		1	1
Amount	+++++Amt	Dealing Price Cash Amount	1	1

			Currency Attribute	Currency Attribute	Dealing Price Currency Code	1	1
			<i>If this is a non-unitised fund</i>		<i>If this is a non-unitised fund</i>		
			Type	++++Tp		1	1
			Proprietary	+++++Prtry		1	1
			Identifier	+++++Id	Set to 'NUMV'. Non-unitised monetary value.	1	1
			Issuer	+++++Issr	Set to 'GAIA'	1	1
			Value	++++Val		1	1
			Amount	+++++Amt	Set to the order Currency Value Amount	1	1
			Currency Attribute	Currency Attribute	Set to the order Currency Value Amount Currency Code	1	1
			SettlementAmount	+++StlmAmt	Settlement Amount Cash Amount.	1	1
			Currency Attribute	Currency Attribute	Currency Attribute	1	1
			CashSettlementDate	+++CshStlmDt	Cash Settlement Date	1	1
			PartiallyExecutedIndicator	+++PrtlyExctdInd	Set to false. This field is not supported by GAIA	1	1
			CumDividendIndicator	+++CumDvddInd	Set to true.	1	1
			ForeignExchangeDetails	+++FXDtls	Foreign Exchange	0	1
			ToAmount	++++ToAmt	To Amount	1	1
			Currency Attribute	Currency Attribute	To Amount Currency Code	1	1
			FromAmount	++++FrAmt	From Amount	1	1
			Currency Attribute	Currency Attribute	From Amount Currency Code	1	1
			UnitCurrency	++++UnitCcy	From Amount Currency Code	1	1
			QuotedCurrency	++++QtdCcy	To Amount Currency Code	1	1
			ExchangeRate	++++XchgRate	Exchange Rate	1	1
			QuotationDate	++++QtnDt	Quotation Date	1	1
			TransactionOverhead	+++TxOvrhd		0	1
			TotalOverheadApplied	++++TtlOvrhdApld	Total Amount of Charges PLUS Total Amount of Taxes	0	1
			Currency Attribute	Currency Attribute	Currency Attribute	1	1
			TotalFees	++++TtlFees	Total Amount of Charges	0	1
			Currency Attribute	Currency Attribute	Currency Attribute	1	1
			TotalTaxes	++++TtlTxs	Total Amount of Taxes	0	1
			Currency Attribute	Currency Attribute	Currency Attribute	1	1
			IndividualFee	++++IndvFee	Charge Details	0	n
			Type	+++++Tp	Type	1	1
			Code	+++++Cd	GAIA CODE	1	1
					CHAR	PERF	
					BEND	BEND	
					FEND	FEND	
			AppliedAmount	+++++ApldAmt	Cash Amount	1	1
			Currency Attribute	Currency Attribute	Cash Amount Currency Code	1	1
			InformativeIndicator	+++++InftvInd	Set to false – the total overheads should be applied to the gross redemption amount to calculate the total settlement amount	1	1
			IndividualTax	++++IndvTax		0	n
			Type	+++++Tp		1	1
			Code	+++++Cd	GAIA Tax Type	1	1
			AppliedAmount	+++++ApldAmt	Tax Amount	1	1
			Currency Attribute	Currency Attribute	Tax Amount Currency Code	1	1
			PhysicalDeliveryIndicator	+++PhysDlvryInd	Set to false	1	1
			Equalisation	+++Equlstn	Equalisation	0	1
			Amount	++++	Cash Amount	1	1
			Currency Attribute	Currency Attribute	Cash Amount Currency Code	1	1

setr.012.001.04

GAIA Contract Note (Buy)

SubscriptionOrderConfirmationV04

In the ISO namespace

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
SubscriptionOrderConfirmationV04	SbcptOrdRConf		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
MultipleExecutionDetails	+MltplExctnDtIs		1	1
InvestmentAccountDetails	++InvstmtAcctDtIs		1	1
AccountIdentification	+++AcctId	Registered Investor Identification	1	1
AccountDesignation	+++AcctDsgnt	Beneficial Owner Designation	0	1
IndividualExecutionDetails	++IndvExctnDtIs		1	1
OrderReference	+++OrdRRef	Order Reference	1	1
DealReference	+++DealRef	Deal Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtIs	Fund Identifier	1	1
Identification	+++++Id			
Either		Either		
CUSIP	+++++CUSIP	CUSIP	1	1
Or		Or		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
SEDOL	+++++SEDOL	SEDOL	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId		1	1
Identification	+++++Id	Proprietary Identifier or NSCC code	1	1
IdentificationSource	+++++IdSrc		1	1
Proprietary	+++++Prtry	Set to 'NSCC' for DTTC codes or a code representing the identification source i.e. 'CITCO, STATESTREET, JPMORGAN' etc.	1	1
Name	+++++Nm	Fund Name	0	1
ClassType	+++++ClsTp	Fund Class Identifier	0	1
ProductGroup	+++++PdctGrp	Lot Identifier	0	1
SeriesIdentification	+++++SrsId	GAIA Series Identifier	0	1
Either		If series name is present		
SeriesName	+++++SrsNm	Series Name	1	1
Or				
Date	+++++SrsDt			
If series year and month are day are present and name is not present		Or		
Year Month and Day	+++++YrMnthDay	Series Year–Month–Day	1	1
Or if just series year and month are present and name is not present		Or		
If this is a unitised fund		If this is a unitised fund		
UnitsNumber	+++UnitsNb	Unit Quantity	1	1
If this is a non-unitised fund		If this is a non-unitised fund		
UnitsNumber	+++UnitsNb	Set to 1.' One big unit'	1	1
NetAmount	+++NetAmt	Currency Value Amount – total overheads	0	1
Currency attribute	Currency attribute	Currency Value Currency Code		
GrossAmount	+++GrssAmt	Currency Value Amount	1	1
Currency attribute	Currency attribute	Currency Value Currency Code	1	1
TradeDateTime	+++TradDtTm		1	1
Date	+++++Dt	Trade Date	1	1
DealingPriceDetails	+++DealgPricDtIs	Dealing Price	1	1
If this is unitised fund		If this is unitised fund		
Type	+++++Tp	Type	1	1
Code	+++++Cd	GAIA CODE BID	ISO 20022 BIDE	

							NAV	NAVL		
							OFFER	OFFR		
				Value	++++Val				1	1
				Amount	+++++Amt		Dealing Price Cash Amount		1	1
				Currency Attribute	Currency Attribute		Dealing Price Currency Code		1	1
				<i>If this is a non-unitised fund</i>			<i>If this is a non-unitised fund</i>			
				Type	++++Tp				1	1
				Proprietary	+++++Prtry				1	1
				Identifier	+++++Id		Set to 'NUMV'. Non-unitised monetary value.		1	1
				Issuer	+++++Issr		Set to 'GAIA'		1	1
				Value	++++Val				1	1
				Amount	+++++Amt		Set to the order Currency Value Amount		1	1
				Currency Attribute	Currency Attribute		Set to the order Currency Value Amount Currency Code		1	1
				SettlementAmount	+++SttlmAmt		Settlement Amount Cash Amount		1	1
				Currency Attribute	Currency Attribute		Currency Attribute		1	1
				CashSettlementDate	+++CshSttlmDt		Cash Settlement Date		1	1
				PartiallyExecutedIndicator	+++PrtlyExctdInd		Set to false. This field is not supported by GAIA.		1	1
				CumDividendIndicator	+++CumDvddInd		Set to true.		1	1
				ForeignExchangeDetails	+++FXDtIs		Foreign Exchange		0	1
				ToAmount	++++ToAmt		To Amount		1	1
				Currency Attribute	Currency Attribute		To Amount Currency Code		1	1
				FromAmount	++++FrAmt		From Amount		1	1
				Currency Attribute	Currency Attribute		From Amount Currency Code		1	1
				UnitCurrency	++++UnitCcy		From Amount Currency Code		1	1
				QuotedCurrency	++++QtdCcy		To Amount Currency Code		1	1
				ExchangeRate	++++XchgRate		Exchange Rate		1	1
				QuotationDate	++++QtnDt		Quotation Date		1	1
				TransactionOverhead	+++TxOvrhd				0	1
				TotalOverheadApplied	++++TtlOvrhdApld		Total Amount of Charges PLUS Total Amount of Taxes		0	1
				Currency Attribute	Currency Attribute		Currency Attribute		1	1
				TotalFees	++++TtlFees		Total Amount of Charges		0	1
				Currency Attribute	Currency Attribute		Currency Attribute		1	1
				TotalTaxes	++++TtlTxs		Total Amount of Taxes		0	1
				Currency Attribute	Currency Attribute		Currency Attribute		1	1
				IndividualFee	++++IndvFee		Charge Details		0	n
				Type	+++++Tp		Type		1	1
				Code	+++++Cd		GAIA CODE	ISO 20022	1	1
							CHAR	PERF		
							BEND	BEND		
							FEND	FEND		
				AppliedAmount	+++++ApldAmt		Cash Amount		1	1
				Currency Attribute	Currency Attribute		Cash Amount Currency Code		1	1
				InformativeIndicator	+++++InftvInd		Set to false – the total overheads should be applied to the gross amount to calculate total settlement amount (?)		1	1
				IndividualTax	++++IndvTax				0	n
				Type	+++++Tp				1	1
				Code	+++++Cd		GAIA Tax Type		1	1
				AppliedAmount	+++++ApldAmt		Tax Amount		1	1
				Currency Attribute	Currency Attribute		Tax Amount Currency Code		1	1
				PhysicalDeliveryIndicator	+++PhysDlvryInd		Set to false		1	1
				Equalisation	+++Equlstn		Equalisation		0	1
				Amount	++++		Cash Amount		1	1
				Currency Attribute	Currency Attribute		Cash Amount Currency Code		1	1

[setr.011.001.04](#)[SubscriptionOrderCancellationRequestV04](#)[In the ISO namespace](#)[GAIA Order Cancellation Request](#)[\(Buy Instruction\)](#)

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
SubscriptionOrderCancellationRequestV04	SbcptOrdrConf		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
OrderReferences	+OrdrRefs			
OrderReference	++OrdrRef	Order Reference	1	1

[setr.005.001.04](#)[RedemptionOrderCancellationRequestV04](#)[In the ISO namespace](#)[GAIA Order Cancellation Request](#)[\(Sell Instruction\)](#)

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
SubscriptionOrderCancellationRequestV04	SbcptOrdrConf		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
OrderReferences	+OrdrRefs			
OrderReference	++OrdrRef	Order Reference	1	1

[setr.017.001.04 OrderCancellationStatusReportV04](#)[\(Cancellation Pending\)](#)[In the ISO namespace](#)[GAIA Business Status](#)[Cancellation received](#)[\(Sell & Buy Instructions\)](#)

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
OrderCancellationStatusReportV04	OrdrCxlStsRpt		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
StatusReport	+StsRpt		1	1
IndividualCancellationStatusReport	++IndvCxlStsRpt		1	1
OrderReference	+++OrdrRef	Order Reference	1	1
CancellationStatus	+++CxlSts		1	1
Status	++++Sts	Set to 'CANP'	1	1

setr.017.001.04 OrderCancellationStatusReportV04	GAIA Business Status
(Cancellation Accepted)	Cancellation accepted
In the ISO namespace	(Sell & Buy Instructions)

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
OrderCancellationStatusReportV04	OrdxCxlStsRpt		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
StatusReport	+StsRpt		1	1
IndividualCancellationStatusReport	++IndvCxlStsRpt		1	1
OrderReference	+++OrdRef	Order Reference	1	1
CancellationStatus	+++CxlSts		1	1
Status	++++Sts	Set to 'CAND'	1	1

setr.017.001.04 OrderCancellationStatusReportV04	GAIA Business Status
(Cancellation Rejected)	Cancellation rejected
In the ISO namespace	(Sell & Buy Instructions)

ONE ORDER PER MESSAGE

ISO 20022 Tag Description	Tag	GAIA Data Item	Min	Max
OrderCancellationStatusReportV04	OrdxCxlStsRpt		1	1
MessageIdentification	+MsgId		1	1
Identification	++Id	System Generated	1	1
CreationDateTime	++CreDtTm	System Generated	1	1
StatusReport	+StsRpt		1	1
IndividualCancellationStatusReport	++IndvCxlStsRpt		1	1
OrderReference	+++OrdRef	Order Reference	1	1
CancellationStatus	+++CxlSts		1	1
Rejected	++++Rjctd		1	1
Reason	+++++Rsn		1	1
Code	++++++Cd	Set to 'NSLA'	1	1

EXAMPLE MESSAGES

These examples were prepared by J.E.Chapman of SWIFT Standards using message schemas that have been delivered to SWIFTNet PAC testing 16th January 2017.

1. GAIA Buy Instruction for a gross cash amount.

<?xml version="1.0" encoding="UTF-8"?>	
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->	
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.010.001.04" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.010.001.04 setr.010.001.04.xsd">	
<SbcptOrdr>	
<MsgId>	
<Id>BA598C</Id>	
<CreDtTm>2017-01-26T11:00:00</CreDtTm>	
</MsgId>	
<MltplOrdrDtls>	
<ReqdFutrTradDt>2017-01-30</ReqdFutrTradDt>	
<InvstmtAcctDtls>	
<AcctId>111111</AcctId>	
<AcctDsgnt>BeneficialOwnerID</AcctDsgnt>	
</InvstmtAcctDtls>	
<IndvOrdrDtls>	
<OrdrRef>Order 1</OrdrRef>	
<FinInstrmDtls>	
<Id>	
<ISIN>IE1234567890</ISIN>	
</Id>	
<ClsTp>Class A</ClsTp>	
</FinInstrmDtls>	
<AmtOrUnits>	
<GrssAmt Ccy="EUR">5000</GrssAmt>	
</AmtOrUnits>	
<SttlmAmt Ccy="EUR">5000</SttlmAmt>	
<CshSttlmDt>2017-01-30</CshSttlmDt>	
<PhysDlvryInd>>false</PhysDlvryInd>	
<OrdrWvrDtls>	
<OrdrWvrRsn>	
<Prtry>	*1
<Id>ABC1</Id>	
<Issr>GAIA</Issr>	
</Prtry>	
</OrdrWvrRsn>	
<InfVal>TEXT ABOUT THE WAIVER</InfVal>	
</OrdrWvrDtls>	
</IndvOrdrDtls>	
</MltplOrdrDtls>	
</SbcptOrdr>	
</Document>	

2. GAIA Contract Note (Subscription Confirmation)

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.012.001.04" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.012.001.04 setr.012.001.04.xsd">
<SbcptOrdConf>
<MsgId>
<Id>FC34323C</Id>
<CreDtTm>2017-01-30T14:30:00</CreDtTm>
</MsgId>
<MltplExctnDtls>
<InvstmtAcctDtls>
<AcctId>111111</AcctId>
<AcctDsgnt>BeneficialOwnerID</AcctDsgnt>
</InvstmtAcctDtls>
<IndvExctnDtls>
<OrdRef>Order 1</OrdRef>
<DealRef>Deal 1</DealRef>
<FinInstrmDtls>
<Id>
<ISIN>IE1234567890</ISIN>
</Id>
<ClsTp>Class A</ClsTp>
<PdctGrp>Lot Identification</PdctGrp>
<SrsId>
<SrsNm>Series Name</SrsNm>
</SrsId>
</FinInstrmDtls>
<UnitsNb>10</UnitsNb>
<NetAmt Ccy="EUR">5000</NetAmt>
<GrssAmt Ccy="EUR">5100</GrssAmt>
<TradDtTm>
<Dt>2017-01-30</Dt>
</TradDtTm>
<DealgPricDtls>
<Tp>
<Cd>NAVL</Cd>
</Tp>
<Val>
<Amt Ccy="EUR">500</Amt>
</Val>
</DealgPricDtls>
<SttlmAmt Ccy="EUR">5100</SttlmAmt>
<CshSttlmDt>2017-01-30</CshSttlmDt>
<PrtlyExctdInd>false</PrtlyExctdInd>
<CumDvddInd>true</CumDvddInd>
<FXDtls>
<ToAmt Ccy="EUR">5000</ToAmt>
<FrAmt Ccy="EUR">5000</FrAmt>
<UnitCcy>EUR</UnitCcy>
<QtdCcy>EUR</QtdCcy>

<XchgRate>1</XchgRate>
</FXDtls>
<TxOvrhd>
<TtlOvrhdApld Ccy="EUR">100</TtlOvrhdApld>
<TtlFees Ccy="EUR">60</TtlFees>
<TtlTaxes Ccy="EUR">40</TtlTaxes>
<IndvFee>
<Tp>
<Cd>FEND</Cd>
</Tp>
<ApldAmt Ccy="EUR">60</ApldAmt>
<InftvInd>false</InftvInd>
</IndvFee>
<IndvTax>
<Tp>
<Cd>KAPA</Cd>
</Tp>
<ApldAmt Ccy="EUR">40</ApldAmt>
</IndvTax>
</TxOvrhd>
<PhysDlvryInd>false</PhysDlvryInd>
<Equlstn>
<Amt Ccy="EUR">150</Amt>
</Equlstn>
</IndvExctnDtls>
</MltplExctnDtls>
</SbcptOrdrConf>
</Document>

3. GAIA Contract Note for a non-unitised fund

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.012.001.04"
xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.012.001.04 setr.012.001.04.xsd">
<SbcptOrdrConf>
<MsgId>
<Id>FC34316D</Id>
<CreDtTm>2017-01-30T14:35:00</CreDtTm>
</MsgId>
<MltplExctnDtls>
<InvstmtAcctDtls>
<AcctId>111111</AcctId>
<AcctDsgnt>BeneficialOwnerID</AcctDsgnt>
</InvstmtAcctDtls>
<IndvExctnDtls>
<OrdrRef>Order 2</OrdrRef>
<DealRef>Deal 2</DealRef>
<FinInstrmDtls>
<Id>
<ISIN>IE1234567890</ISIN>
</Id>
<ClsTp>Class A</ClsTp>
<PdctGrp>Lot Identification</PdctGrp>
<SrsId>
<SrsDt>
<YrMnth>2017-01</YrMnth>
</SrsDt>
</SrsId>
</FinInstrmDtls>
<UnitsNb>1</UnitsNb>
<NetAmt Ccy="EUR">6000</NetAmt>
<GrssAmt Ccy="EUR">6100</GrssAmt>
<TradDtTm>
<Dt>2017-01-30</Dt>
</TradDtTm>
<DealgPricDtls>
<Tp>
<Prtry>
<Id>NUMV</Id>
<Issr>GAIA</Issr>
</Prtry>
</Tp>
<Val>
<Amt Ccy="EUR">6000</Amt>
</Val>
</DealgPricDtls>
<SttlmAmt Ccy="EUR">6100</SttlmAmt>
<CshSttlmDt>2017-01-30</CshSttlmDt>
<PrtlyExctdInd>>false</PrtlyExctdInd>
<CumDvddInd>>true</CumDvddInd>

<TxOvrhd>
<TtlFees Ccy="EUR">100</TtlFees>
</TxOvrhd>
<PhysDlvryInd>>false</PhysDlvryInd>
<Equlstn>
<Amt Ccy="EUR">55</Amt>
</Equlstn>
</IndvExctnDtls>
</MltplExctnDtls>
</SbcptOrdrConf>
</Document>

4. GAIA Contract Note (Redemption Confirmation)

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.006.001.04" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.006.001.04 setr.006.001.04.xsd">
<RedOrdrConf>
<MsgId>
<Id>FC34026G</Id>
<CreDtTm>2017-12-17T09:30:47Z</CreDtTm>
</MsgId>
<MltplExctnDtls>
<InvstmtAcctDtls>
<AcctId>111111</AcctId>
<AcctDsgnt>BeneficialOwnerID</AcctDsgnt>
</InvstmtAcctDtls>
<IndvExctnDtls>
<OrdrRef>Order 3</OrdrRef>
<DealRef>Order 3</DealRef>
<FinInstrmDtls>
<Id>
<ISIN>IE1234567890</ISIN>
</Id>
<ClsTp>Class A</ClsTp>
<PdctGrp>Lot Identification</PdctGrp>
<SrsId>
<SrsDt>
<YrMnthDay>2017-01-31</YrMnthDay>
</SrsDt>
</SrsId>
</FinInstrmDtls>
<UnitsNb>10</UnitsNb>
<NetAmt Ccy="EUR">10200</NetAmt>
<GrssAmt Ccy="EUR">10000</GrssAmt>
<TradDtTm>
<Dt>2017-01-30</Dt>
</TradDtTm>
<DealgPricDtls>
<Tp>
<Cd>NAVL</Cd>
</Tp>
<Val>
<Amt Ccy="EUR">1000</Amt>
</Val>
</DealgPricDtls>
<SttlmAmt Ccy="EUR">10200</SttlmAmt>
<CshSttlmDt>2017-01-30</CshSttlmDt>
<PrtlyExctdInd>false</PrtlyExctdInd>
<CumDvddInd>true</CumDvddInd>
<TxOvrhd>
<TtlFees Ccy="EUR">200</TtlFees>
</TxOvrhd>

<PhysDlvryInd>>false</PhysDlvryInd>
</IndvExctnDtls>
</MltplExctnDtls>
</RedOrdConf>
</Document>

5. GAIA Technical Status – Order Rejection

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04 setr.016.001.04.xsd">
<OrdInstrStsRpt>
<MsgId>
<Id>123456</Id>
<CreDtTm>2017-01-16T11:30:00</CreDtTm>
</MsgId>
<StsRpt>
<IndvOrdDtlsRpt>
<OrdRef>Order 1</OrdRef>
<OrdSts>
<Rjctd>
<Rsn>
<Cd>NSLA</Cd>
</Rsn>
<AddtlInf>ERROR TEXT INFORMATION</AddtlInf>
</Rjctd>
</OrdSts>
</IndvOrdDtlsRpt>
</StsRpt>
</OrdInstrStsRpt>
</Document>

6. GAIA Sell Instruction – Booked trade message

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04"
xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04 setr.016.001.04.xsd">
<OrdInstrStsRpt>
<MsgId>
<Id>45678</Id>
<CreDtTm>2017-01-16T11:40:00</CreDtTm>
</MsgId>
<StsRpt>
<IndvOrdDtlsRpt>
<OrdRef>Order 2</OrdRef>
<OrdSts>
<Sts>PACK</Sts>
</OrdSts>
<OrdData>
<InvstmtAcctDtls>
<AcctId>111111</AcctId>
<AcctDsgnt>BeneficialOwnerID</AcctDsgnt>
</InvstmtAcctDtls>
<FinInstrmDtls>
<Id>
<ISIN>IE1234567890</ISIN>
</Id>
<ClsTp>Class A</ClsTp>
<PdctGrp>Lot Identification</PdctGrp>
<SrsId>
<SrsDt>
<YrMnth>2017-01</YrMnth>
</SrsDt>
</SrsId>
</FinInstrmDtls>
<UnitsNb>1</UnitsNb>
<GrssAmt Ccy="EUR">6100</GrssAmt>
</OrdData>
<NewDtls>
<XpctdTradDtTm>
<Dt>2017-01-30</Dt>
</XpctdTradDtTm>
<XpctdCshSttlmDt>2017-01-30</XpctdCshSttlmDt>
</NewDtls>
</IndvOrdDtlsRpt>
</StsRpt>
</OrdInstrStsRpt>
</Document>

7. GAIA Contract Note – indicating a gated order (partial settlement)

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2016 sp1 (http://www.altova.com)-->
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:n0="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04 setr.016.001.04.xsd">
<OrdrInstrStsRpt>
<MsgId>
<Id>45678</Id>
<CreDtTm>2017-01-16T11:40:00</CreDtTm>
</MsgId>
<StsRpt>
<IndvOrdrDtlsRpt>
<OrdrRef>Order 3</OrdrRef>
<OrdrSts>
<PrtlySttld>
<Rsn>
<Cd>GAT1</Cd>
</Rsn>
</PrtlySttld>
</OrdrSts>
<OrdrData>
<InvstmtAcctDtls>
<AcctId>11111</AcctId>
<AcctDsgnt>BeneficialOwnerID</AcctDsgnt>
</InvstmtAcctDtls>
<FinInstrmDtls>
<Id>
<ISIN>IE1234567890</ISIN>
</Id>
<ClsTp>Class A</ClsTp>
<PdctGrp>Lot Identification</PdctGrp>
<SrsId>
<SrsDt>
<YrMnth>2017-01</YrMnth>
</SrsDt>
</SrsId>
</FinInstrmDtls>
<UnitsNb>10</UnitsNb>
<GrssAmt Ccy="EUR">10200</GrssAmt>
</OrdrData>
<NewDtls>
<XpctdTradDtTm>
<Dt>2017-01-30</Dt>
</XpctdTradDtTm>
<XpctdCshSttlmDt>2017-01-30</XpctdCshSttlmDt>
</NewDtls>
</IndvOrdrDtlsRpt>
</StsRpt>
</OrdrInstrStsRpt>
</Document>

