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Table of Contents

Document History	5
1 Introduction	6
2 Business Requirements.....	6
3 Issues and Discussion Points.....	7
4 Proposed Message Flow	7
5 FIX Message Tables.....	7
5.1 FIX Message ExecutionReport	7
5.2 FIX Message MassQuote	9
5.3 FIX Message MassQuoteAck	10
5.4 FIX Message MultilegOrderCancelReplace.....	12
5.5 FIX Message NewOrderMultileg.....	13
5.6 FIX Message NewOrderSingle	14
5.7 FIX Message OrderCancelReplaceRequest.....	16
5.8 FIX Message OrderCancelRequest	17
5.9 FIX Message OrderMassActionReport	19
5.10 FIX Message OrderMassActionRequest	20
5.11 FIX Message Quote.....	22
5.12 FIX Message QuoteRequest	23
5.13 FIX Message SecurityDefinitionRequest.....	25
6 FIX Component Blocks	27
6.1 Component ListOrdGrp	27
6.2 Component SideCrossOrdCxlGrp	28
6.3 Component TrdCapRptAckSideGrp	29
6.4 Component TrdCapRptSideGrp.....	30
6.5 Component TrdMatchSideGrp	32
7 Category Changes	33
Appendix A - Data Dictionary	34
Appendix B - Glossary Entries	38
Appendix C - Abbreviations.....	38
Appendix D - Usage Examples.....	38

Table of Figures

Document History

Revision	Date	Author	Revision Comments
V0.1	19.12.2013	Hanno Klein Deutsche Börse Group	Initial version created
V0.2	13.01.2014	Hanno Klein Deutsche Börse Group	Minor changes after presentation to GTC on Dec 19, 2013.
ASBUILT	13.03.2014	Rich Shriver	Created the ASBUILT
	16.06.2014		Added snippets of message tables to explicitly showed where the new fields are to be added.

1 Introduction

On 28 February 2013 the German Parliament adopted the High Frequency Trading Act (Hochfrequenzhandelsgesetz, HFT Act). The HFT Act introduces a license requirement for high frequency traders, imposes conduct of business rules and organisational requirements for algorithmic trading and specifies the definition of market-abuse.

Objectives are to increase the stability and integrity of the German financial markets, to prevent market manipulation by high frequency traders and to protect long-term investors and minimise market risks.

Further information about the German High Frequency Trading Act can be found at:

http://www.bafin.de/SharedDocs/Veroeffentlichungen/EN/Meldung/2013/meldung_130322_hft-gesetz_en.html

2 Business Requirements

The requirement is to add the ability to convey regulatory information on all order and quote related messages as well as on the request to maintain instruments. The latter is targeted towards complex instruments or strategies. Some exchanges offer the possibility to create these on-the-fly and intra-day, for example to support non-standard leg ratios for multi-leg instruments.

The existing field ComplianceID(376) is sufficient to convey a numerical identifier that uniquely identifies an algorithm or trading strategy. The nature of the identifier may only be known to the submitter and the regulator to which he has to report to. This allows anonymity to be preserved towards the execution venue who may not be entitled to know the strategy behind the identifier.

ComplianceID(376) is already available on order maintenance and trade capture report messages. It is suggested to be added to

- quote messages: MassQuote, MassQuoteAck, Quote, QuoteRequest;
- mass action messages: OrderMassActionRequest, OrderMassActionReport;
- instrument messages: SecurityDefinitionRequest.

A related requirement is the ability to support a free format text field for compliance information. The respective regulator may use this to define the usage of such a field to obtain different kinds of information going beyond a numerical identifier. It is suggested to add a new field ComplianceText(FBD2404) to all messages that already have or will have the field ComplianceID(376) due to this extension.

The suggested extensions are not specific to the German regulatory environment and can hence be used for other jurisdictions that require to convey regulatory information on a per order or per quote basis in a generic manner.

3 Issues and Discussion Points

None.

4 Proposed Message Flow

No changes.

5 FIX Message Tables

5.1 *FIX Message ExecutionReport*

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	ExecutionReport
Message Abbreviated Name (for FIXML)	ExecRpt
Category	SingleGeneralOrderHandling
Action	__New _X_Change
Message Synopsis	<p>The execution report message is used to:</p> <ol style="list-style-type: none"> 1. confirm the receipt of an order 2. confirm changes to an existing order (i.e. accept cancel and replace requests) 3. relay order status information 4. relay fill information on working orders 5. relay fill information on tradeable or restricted tradeable quotes 6. reject orders 7. report post-trade fees calculations associated with a trade
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	8
Repository Component ID	9

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<u>StandardHeader</u>		Y	BaseHeader	MsgType = 8		
Component <ApplicationSequenceControl>						
37	OrderID	Y	OrdID			
<...truncated...>						
15	Currency	N	Ccy			
376	ComplianceID	N	ComplianceID			
TBD2404	ComplianceText	N	ComplianceText		NEW	
TBD2351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(TBD2352) field is specified and must immediately precede it.	NEW	
TBD2352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.	NEW	
377	SolicitedFlag	N	SolFlag			
<...truncated...>						
<u>StandardTrailer</u>		Y	Trlr			

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

"Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it."

The field usage text for EncodedComplianceText(TBD) is

"Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."

5.2 FIX Message MassQuote

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	MassQuote
Message Abbreviated Name (for FIXML)	MassQuot
Category	QuotationNegotiation
Action	__New _X_Change
Message Synopsis	The Mass Quote message can contain quotes for multiple securities to support applications that allow for the mass quoting of an option series. Two levels of repeating groups have been provided to minimize the amount of data required to submit a set of quotes for a class of options (e.g. all option series for IBM).
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	<i>i</i>
Repository Component ID	42

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<i>StandardHeader</i>		Y	BaseHeader	MsgType = i (lowercase)		
131	QuoteReqID	N	ReqID	Required when quote is in response to a Quote Request message		
117	QuoteID	Y	QID			
537	QuoteType	N	Typ	Type of Quote Default is Indicative if not specified		
<...truncated...>						
Component <QuotSetGrp>		Y	QuotSet	The number of sets of quotes in the message		
1685	ThrottleInst	N	ThrttInst			
376	ComplianceID	N	ComplianceID		ADD	
189 2404	ComplianceText	N	ComplianceText		NEW	

FB2 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(FB2352) field is specified and must immediately precede it.	NEW	
FB2 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.	NEW	
<i>StandardTrailer</i>		Y	Trlr			

5.3 FIX Message MassQuoteAck

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	MassQuoteAck
Message Abbreviated Name (for FIXML)	MassQuotAck
Category	QuotationNegotiation
Action	__New _X_Change
Message Synopsis	Mass Quote Acknowledgement is used as the application level response to a Mass Quote message.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	bB
Repository Component ID	35

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
	<i>StandardHeader</i>	Y	BaseHeader	MsgType = b (lowercase)		

131	QuoteReqID	N	ReqID	Required when acknowledgment is in response to a Quote Request message		
117	QuoteID	N	QID	Required when acknowledgment is in response to a Mass Quote, mass Quote Cancel or mass Quote Status Request message. Maps to: - QuoteID(117) of a Mass Quote - QuoteMsgID(1166) of Quote Cancel - QuoteStatusReqID(649) of Quote Status Request		
<...truncated...>						
581	AccountType	N	AcctTyp	Type of account associated with the order (Origin)		
376	ComplianceID	N	ComplianceID		ADD	
TBD 2404	ComplianceText	N	ComplianceText		NEW	
TBD 351	EncodedComplianceTextLen	N	EncodedComplianceTextLen	Must be set if EncodedComplianceText(TBD2352) field is specified and must immediately precede it.	NEW	
TBD 352	EncodedComplianceText	N	EncodedComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.	NEW	
58	Text	N	Txt			
354	EncodedTextLen	N	EncodedTextLen			
355	EncodedText	N	EncodedText			
Component <QuotSetAckGrp>		N	QuotSetAck	The number of sets of quotes in the message		
Component <ThrottleResponse>		N	ThrttlRsp			
StandardTrailer		Y	Trlr			

5.4 FIX Message MultilegOrderCancelReplace

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	MultilegOrderCancelReplace
Message Abbreviated Name (for FIXML)	MlegOrdCxlRplc
Category	MultilegOrders
Action	__New _X_Change
Message Synopsis	Used to modify a multileg order previously submitted using the New Order - Multileg message. See Order Cancel Replace Request for details concerning message usage.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	AC
Repository Component ID	62

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
	<u>StandardHeader</u>	Y	<u>BaseHeader</u>	<u>MsgType = AC</u>		
37	<u>OrderID</u>	N	<u>OrdID</u>			
<u><...truncated...></u>						
15	<u>Currency</u>	N	<u>Ccy</u>			
376	<u>ComplianceID</u>	N	<u>ComplianceID</u>			
<u>TBD2</u> <u>404</u>	<u>ComplianceText</u>	N	<u>ComplianceText</u>		NEW	
<u>TBD2</u> <u>351</u>	<u>EncodedComplianceTextLen</u>	N	<u>EncComplianceTextLen</u>	Must be set if <u>EncodedComplianceText(TBD)EncodedComplianceText(2352)</u> field is specified and must immediately precede it.	NEW	
<u>TBD2</u> <u>352</u>	<u>EncodedComplianceText</u>	N	<u>EncComplianceText</u>	Encoded (non-ASCII characters) representation of the <u>ComplianceText(2404)</u> field in the encoded format specified via	NEW	

				the MessageEncoding(347) field.		
377	SolicitedFlag	N	SolFlag			
<...truncated...>						
	StandardTrailer	Y	Trlr			

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

“Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.”

The field usage text for EncodedComplianceText(TBD) is

“Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.”

5.5 FIX Message NewOrderMultileg

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	NewOrderMultileg
Message Abbreviated Name (for FIXML)	NewOrdMleg
Category	MultilegOrders
Action	__New _X_Change
Message Synopsis	The New Order - Multileg is provided to submit orders for securities that are made up of multiple securities, known as legs.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	AB
Repository Component ID	61

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
	StandardHeader	Y	BaseHeader	MsgType = AB		
11	ClOrdID	Y	ClOrdID			

<...truncated...>					
1742	UpfrontPrice	N	UpFrontPx		
376	ComplianceID	N	ComplianceID		
TBD2 404	ComplianceText	N	ComplianceText		NEW
TBD2 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.	NEW
TBD2 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."	NEW
377	SolicitedFlag	N	SolFlag		
<...truncated...>					
	StandardTrailer	Y	Trlr		

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

"Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it."

The field usage text for EncodedComplianceText(TBD) is

"Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."

5.6 FIX Message NewOrderSingle

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	NewOrderSingle
Message Abbreviated Name (for FIXML)	Order
Category	SingleGeneralOrderHandling

Action	__New _X_Change
Message Synopsis	The new order message type is used by institutions wishing to electronically submit securities and forex orders to a broker for execution. The New Order message type may also be used by institutions or retail intermediaries wishing to electronically submit Collective Investment Vehicle (CIV) orders to a broker or fund manager for execution.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	D
Repository Component ID	14

<u>Tag</u>	<u>Field Name</u>	<u>Req'd</u>	<u>XMLName</u>	<u>FIX Spec Comments</u>	<u>Action</u>	<u>Mappings and Usage Comments</u>
<u>StandardHeader</u>		Y	<u>BaseHeader</u>	<u>MsgType = D</u>		
11	<u>ClOrdID</u>	Y	<u>ID</u>			
<u><...truncated...></u>						
1742	<u>UpfrontPrice</u>	N	<u>UpfrontPx</u>			
376	<u>ComplianceID</u>	N	<u>ComplianceID</u>			
<u>TBD2</u> 404	<u>ComplianceText</u>	N	<u>ComplianceText</u>		NEW	
<u>TBD2</u> 351	<u>EncodedComplianceTextLen</u>	N	<u>EncComplianceTextLen</u>	Must be set if <u>EncodedComplianceText(TBD)EncodedComplianceText(2352)</u> field is specified and must immediately precede it.	NEW	
<u>TBD2</u> 352	<u>EncodedComplianceText</u>	N	<u>EncComplianceText</u>	Encoded (non-ASCII characters) representation of the <u>ComplianceText(2404)</u> field in the encoded format specified via the <u>MessageEncoding(347)</u> field.	NEW	
377	<u>SolicitedFlag</u>	N	<u>SolFlag</u>			
<u><...truncated...></u>						
<u>StandardTrailer</u>		Y	<u>Trlr</u>			

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

“Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.”

The field usage text for EncodedComplianceText(TBD) is

“Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.”

5.7 FIX Message OrderCancelReplaceRequest

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	OrderCancelReplaceRequest
Message Abbreviated Name (for FIXML)	OrdCxlRplcReq
Category	SingleGeneralOrderHandling
Action	__New _X_Change
Message Synopsis	The order cancel/replace request is used to change the parameters of an existing order. Do not use this message to cancel the remaining quantity of an outstanding order, use the Order Cancel Request message for this purpose.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	G
Repository Component ID	17

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
	<u>StandardHeader</u>	Y	<u>BaseHeader</u>	<u>MsgType = G</u>		
37	<u>OrderID</u>		<u>OrdID</u>			
<...truncated...>						
Component <StrategyParametersGrp>						
376	<u>ComplianceID</u>	N	<u>ComplianceID</u>			
TBD2404	ComplianceText	N	ComplianceText		NEW	

<u>TBD2</u> <u>351</u>	<u>EncodedComplianceTextLen</u>	<u>N</u>	<u>EncComplianceTextLen</u>	<u>Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.</u>	<u>NEW</u>	
<u>TBD2</u> <u>352</u>	<u>EncodedComplianceText</u>	<u>N</u>	<u>EncComplianceText</u>	<u>Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.</u>	<u>NEW</u>	
<u>377</u>	<u>SolicitedFlag</u>	<u>N</u>	<u>SolFlag</u>			
<u><...truncated...></u>						
<u>StandardTrailer</u>		<u>Y</u>	<u>Trlr</u>			

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

“Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.”

The field usage text for EncodedComplianceText(TBD) is

“Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.”

5.8 FIX Message OrderCancelRequest

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	OrderCancelRequest
Message Abbreviated Name (for FIXML)	OrdCxlReq
Category	SingleGeneralOrderHandling
Action	<u>_New</u> <u>_X_Change</u>
Message Synopsis	The order cancel request message requests the cancellation of all of the remaining quantity of an existing order. Note that the Order Cancel/Replace Request should be used to partially cancel (reduce) an order).
Message Elaboration	

To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	F
Repository Component ID	16

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<u>StandardHeader</u>		<u>Y</u>	<u>BaseHeader</u>	<u>MsgType = F</u>		
<u>41</u>	<u>OrigClOrdID</u>	<u>N</u>	<u>OrigID</u>			
<...truncated...>						
Component <OrderQtyData>						
<u>376</u>	<u>ComplianceID</u>	<u>N</u>	<u>ComplianceID</u>			
<u>TBD2</u> <u>404</u>	<u>ComplianceText</u>	<u>N</u>	<u>ComplianceText</u>		NEW	
<u>TBD2</u> <u>351</u>	<u>EncodedComplianceTextLen</u>	<u>N</u>	<u>EncComplianceTextLen</u>	Must be set if <u>EncodedComplianceText(TBD)EncodedComplianceText(2352)</u> field is specified and must immediately precede it.	NEW	
<u>TBD2</u> <u>352</u>	<u>EncodedComplianceText</u>	<u>N</u>	<u>EncComplianceText</u>	Encoded (non-ASCII characters) representation of the <u>ComplianceText(2404)</u> field in the encoded format specified via the <u>MessageEncoding(347)</u> field."	NEW	
<u>58</u>	<u>Text</u>	<u>N</u>	<u>Txt</u>			
<...truncated...>						
<u>StandardTrailer</u>		<u>Y</u>	<u>Trlr</u>			

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

"Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it."

The field usage text for EncodedComplianceText(TBD) is

"Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."

5.9 FIX Message OrderMassActionReport

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	OrderMassActionReport
Message Abbreviated Name (for FIXML)	OrdMassActRpt
Category	OrderMassHandling
Action	__New _X_Change
Message Synopsis	The Order Mass Action Report is used to acknowledge an Order Mass Action Request. Note that each affected order that is suspended or released or canceled is acknowledged with a separate Execution Report for each order.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	BZ
Repository Component ID	111

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<i>StandardHeader</i>		Y	BaseHeader	MsgType = BZ		
11	ClOrdID	N	ClOrdID	ClOrdID provided on the Order Mass Action Request.		
526	SecondaryClOrdID	N	ClOrdID2			
1369	MassActionReportID	Y	MassActionReportID	Unique Identifier for the Order Mass Action Report		
<...truncated...>						
54	Side	N	Side	Side of the market specified on the Order Mass Action Request		
60	TransactTime	N	TxnTm	Time this report was initiated/released by the sells-side (broker, exchange, ECN) or sell-side executing system.		
376	ComplianceID	N	Complian		ADD	

			ceID			
TBD 2404	ComplianceText	N	ComplianceTxt			NEW
TBD2 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.		NEW
TBD2 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.		NEW
58	Text	N	Txt			
354	EncodedTextLen	N	EncTextLen	Must be set if EncodedText field is specified and must immediately precede it.		
355	EncodedText	N	EncText	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.		
StandardTrailer		Y	Trlr			

5.10 FIX Message OrderMassActionRequest

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	OrderMassActionRequest
Message Abbreviated Name (for FIXML)	OrdMassActReq
Category	OrderMassHandling
Action	__New __X_Change
Message Synopsis	The Order Mass Action Request message can be used to request the suspension or release of a group of orders that match the criteria specified

	within the request. This is equivalent to individual Order Cancel Replace Requests for each order with or without adding "S" to the ExecInst values. It can also be used for mass order cancellation.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	CA
Repository Component ID	112

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<i>StandardHeader</i>		Y	BaseHeader	MsgType = CA		
11	ClOrdID	Y	ClOrdID	Unique ID of Order Mass Action Request as assigned by the institution.		
526	SecondaryClOrdID	N	ClOrdID2			
<...truncated...>						
60	TransactTime	Y	TxnTm			
376	ComplianceID	N	ComplianceID		ADD	
TBD 2404	ComplianceText	N	ComplianceText		NEW	
TBD 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.	NEW	
TBD 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.	NEW	
58	Text	N	Txt			
354	EncodedTextLen	N	EncTextLen	Must be set if EncodedText field is specified and must immediately precede		

				it.		
355	EncodedText	N	EncTxt	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.		
<i>StandardTrailer</i>		Y	Trlr			

5.11 FIX Message Quote

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	Quote
Message Abbreviated Name (for FIXML)	Quot
Category	QuotationNegotiation
Action	__New _X_Change
Message Synopsis	The Quote message is used as the response to a Quote Request or a Quote Response message in both indicative, tradeable, and restricted tradeable quoting markets.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	S
Repository Component ID	27

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<i>StandardHeader</i>		Y	BaseHeader	MsgType = S		
131	QuoteReqID	N	ReqID	Required when quote is in response to a QuoteRequest(35=R) message.		

117	QuotelD	Y	QID			
<...truncated...>						
1685	ThrottleInst	N	ThrttlInst			
376	ComplianceID	N	ComplianceID			ADD
TBD 2404	ComplianceText	N	ComplianceText			NEW
TBD 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.		NEW
TBD 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.		NEW
58	Text	N	Txt			
354	EncodedTextLen	N	EncTxtLen	Must be set if EncodedText field is specified and must immediately precede it.		
355	EncodedText	N	EncTxt	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.		
StandardTrailer		Y	Trlr			

5.12 FIX Message QuoteRequest

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	QuoteRequest
Message Abbreviated Name (for FIXML)	QuotReq

Category		QuotationNegotiation
Action		__New __X_Change
Message Synopsis	In some markets it is the practice to request quotes from brokers prior to placement of an order. The quote request message is used for this purpose. This message is commonly referred to as an Request For Quote (RFQ)	
Message Elaboration		
To be finalized by FPL Technical Office		
(MsgType(tag 35) Enumeration	R	
Repository Component ID	26	

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<i>StandardHeader</i>		Y	BaseHeader	MsgType = R		
131	QuoteReqID	Y	ReqID			
644	RFQReqID	N	RFQReqID	For tradeable quote model - used to indicate to which RFQ Request this Quote Request is in response.		
<...truncated...>						
Component <QuotReqGrp>		Y	QuotReq	Number of related symbols (instruments) in Request		
376	ComplianceID	N	ComplianceID		ADD	
TBD 2404	ComplianceText	N	ComplianceText		NEW	
TBD 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText#(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.	NEW	
TBD 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via	NEW	

				the MessageEncoding(347) field.		
58	Text	N	Txt			
354	EncodedTextLen	N	EncTxtLen	Must be set if EncodedText field is specified and must immediately precede it.		
355	EncodedText	N	EncTxt	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.		
StandardTrailer		Y	Trlr			

5.13 FIX Message SecurityDefinitionRequest

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	SecurityDefinitionRequest
Message Abbreviated Name (for FIXML)	SecDefReq
Category	SecuritiesReferenceData
Action	__New _X_Change
Message Synopsis	The Security Definition Request message is used for the following: 1. Request a specific Security to be traded with the second party. The request security can be defined as a multileg security made up of one or more instrument legs. 2. Request a set of individual securities for a single market segment. 3. Request all securities, independent of market segment.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	c€
Repository Component ID	36

[Other additional text detailing usage of the message may be entered below this line]

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
StandardHeader		Y	BaseHeader	MsgType = c (lowercase)		
320	SecurityReqID	Y	ReqID			
321	SecurityRequestType	Y	ReqTyp			
1301	MarketID	N	MktID	Identifies the market for which the security definition request is being made.		
<...truncated...>						
15	Currency	N	Ccy			
376	ComplianceID	N	ComplianceID		ADD	
TBD 2404	ComplianceText	N	ComplianceText		NEW	
TBD 351	EncodedComplianceTextLen	N	EncComplianceTextLen	Must be set if EncodedComplianceText(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.	NEW	
TBD 352	EncodedComplianceText	N	EncComplianceText	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.	NEW	
58	Text	N	Txt	Comment, instructions, or other identifying information.		
<...truncated...>						
StandardTrailer		Y	Trlr			

6 FIX Component Blocks

6.1 Component ListOrdGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	ListOrdGrp
Component Abbreviated Name (for FIXML)	Ord
Component Type	<u>_X_</u> Block Repeating <u>___</u> Block
Category	ProgramTrading
Action	<u>__</u> New <u>_X_</u> Change
Component Synopsis	
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2030

Component FIXML Abbreviation: <Ord>					
<u>Tag</u>	<u>Field Name</u>	<u>Req'd</u>	<u>Action</u>	<u>Mappings and Usage Comments</u>	<u>Comments</u>
<u>72</u>	<u>NoQuoteEntries</u>	<u>Y</u>			
<u>11</u>	<u>ClOrdID</u>	<u>Y</u>			
<u><...truncated...></u>					
<u>15</u>	<u>Currency</u>	<u>N</u>			
<u>376</u>	<u>ComplianceID</u>	<u>N</u>			
<u>TBD2404</u>	<u>ComplianceText</u>	<u>N</u>	<u>NEW</u>		
<u>TBD2351</u>	<u>EncodedComplianceTextLen</u>	<u>N</u>	<u>NEW</u>		Must be set if <u>EncodedComplianceText(TBD)EncodedComplianceText(2352)</u> field is specified and must immediately precede it.
<u>TBD2352</u>	<u>EncodedComplianceText</u>	<u>N</u>	<u>NEW</u>		Encoded (non-ASCII characters) representation of the <u>ComplianceText(2404)</u> field in the encoded format specified via the <u>MessageEncoding(347)</u> field."
<u>377</u>	<u>SolicitedFlag</u>	<u>N</u>			
<u><...truncated...></u>					
<u></Ord ></u>					

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

“Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.”

The field usage text for EncodedComplianceText(TBD) is

“Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.”

6.2 Component SideCrossOrdCxlGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	SideCrossOrdCxlGrp
Component Abbreviated Name (for FIXML)	SideCrossCxl
Component Type	_X_ Block Repeating ___ Block
Category	CrossOrders
Action	__New ___X_Change
Component Synopsis	
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2058

Component FIXML Abbreviation: <SideCrossCxl>					
Tag	Field Name	Req'd	Action	Mappings and Usage Comments	Comments
552	NoSides	Y			
54	Side	Y			
<...truncated...>					
Component <OrderQtyData>		Y			
376	ComplianceID	N			
TBD2404	ComplianceText	N	NEW		

<u>TBD23</u> <u>51</u>	<u>EncodedComplianceTextLen</u>	<u>N</u>	<u>NEW</u>		<u>Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.</u>
<u>TBD23</u> <u>52</u>	<u>EncodedComplianceText</u>	<u>N</u>	<u>NEW</u>		<u>Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."</u>
<u>58</u>	<u>Text</u>	<u>N</u>			
<u><...truncated...></u>					
<u></SideCrossCxl></u>					

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

"Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it."

The field usage text for EncodedComplianceText(TBD) is

"Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."

6.3 Component *TrdCapRptAckSideGrp*

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	TrdCapRptAckSideGrp
Component Abbreviated Name (for FIXML)	RptSide
Component Type	<u>_X_</u> Block Repeating <u> </u> Block
Category	TradeCapture
Action	<u>_</u> New <u> </u> <u>_X_</u> Change
Component Synopsis	
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2094

Component FIXML Abbreviation: <RptSide>

<u>Tag</u>	<u>Field Name</u>	<u>Req'd</u>	<u>Action</u>	<u>Mappings and Usage Comments</u>	<u>Comments</u>
552	NoSides	Y			
54	Side	Y			
<...truncated...>					
579	TradeInputDevice	N			
376	ComplianceID	N			
TBD2404	ComplianceText	N	NEW		
TBD2351	EncodedComplianceTextLen	N	NEW		Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.
TBD2352	EncodedComplianceText	N	NEW		Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
377	SolicitedFlag	N			
<...truncated...>					
</RptSide>					

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

"Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it."

The field usage text for EncodedComplianceText(TBD) is

"Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."

6.4 Component TrdCapRptSideGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	TrdCapRptSideGrp
Component Abbreviated Name (for FIXML)	RptSide
Component Type	_X_ Block Repeating ___ Block
Category	TradeCapture
Action	__New ___X_Change
Component Synopsis	
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2061

Component FIXML Abbreviation: <RptSide>					
Tag	Field Name	Req'd	Action	Mappings and Usage Comments	Comments
552	NoSides	Y			
54	Side	Y			
<...truncated...>					
579	TradeInputDevice	N			
376	ComplianceID	N			
TBD2404	ComplianceText	N	NEW		
TBD2351	EncodedComplianceTextLen	N	NEW		Must be set if EncodedComplianceText(TBD)EncodedComplianceText(2352) field is specified and must immediately precede it.
TBD2352	EncodedComplianceText	N	NEW		Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."
377	SolicitedFlag	N			
<...truncated...>					
</RptSide>					

New fields ComplianceText(TBD2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

“Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.”

The field usage text for EncodedComplianceText(TBD) is

“Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.”

6.5 Component TrdMatchSideGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	TrdMatchSideGrp
Component Abbreviated Name (for FIXML)	TrdMtchSide
Component Type	_X_ Block Repeating ___ Block
Category	TradeCapture
Action	__New __X_Change
Component Synopsis	
Component Elaboration	
To be finalized by FPL Technical Office	
Repository Component ID	2218

Component FIXML Abbreviation: <TrdMtchSide>					
Tag	Field Name	Req'd	Action	Mappings and Usage Comments	Comments
1890	NoTrdMatchSides	N			
54	Side	N			Required if NoTrdMatchSides(1890) > 0.
<...truncated...>					
579	TradInputDevice	N			
376	ComplianceID	N			
TBD2404	ComplianceText	N	NEW		
TBD2351	EncodedComplianceTextLen	N	NEW		Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it.

TBD 23 52	<u>EncodedComplianceText</u> <u>ext</u>	N	NEW		<u>Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."</u>
<u>377</u>	<u>SolicitedFlag</u>	N			
<u><...truncated...></u>					
<u></TrdMtchSide></u>					

New fields ComplianceText(TBD 2404), EncodedComplianceTextLen(TBD) and EncodedComplianceText(TBD) to be added as optional fields right below existing field ComplianceID(376) and without any field usage comment.

The field usage text for EncodedComplianceTextLen(TBD) is

"Must be set if EncodedComplianceText(TBD) field is specified and must immediately precede it."

The field usage text for EncodedComplianceText(TBD) is

"Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field."

7 Category Changes

None.

Appendix A - Data Dictionary

Tag	FieldName	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
TBD 2404	ComplianceText	NEW	String	Free text for compliance information required for regulatory reporting.	ComplianceTxt	Add to messages: CrossOrderCancelReplaceRequest ExecutionReport MassQuote MassQuoteAck MultilegOrderCancelReplace NewOrderCross NewOrderMultileg NewOrderSingle OrderCancelReplaceRequest OrderCancelRequest OrderMassActionReport OrderMassActionRequest Quote QuoteRequest SecurityDefinitionRequest Add to component: ListOrdGrp SideCrossOrdCxlGrp TrdCapRptAckSideGrp TrdCapRptSideGrp TrdMatchSideGrp

<p>TBD23 51</p>	<p>EncodedCompliance TextLen</p>	<p>NEW</p>	<p>Length</p>	<p>Byte length of encoded (non-ASCII characters) EncodedComplianceText(TBD)EncodedComplianceText(2352) field.</p>	<p>EncCompliance TxtLen</p>	<p>Add to messages: CrossOrderCancelReplaceRequest ExecutionReport MassQuote MassQuoteAck MultilegOrderCancelReplace NewOrderCross NewOrderMultileg NewOrderSingle OrderCancelReplaceRequest OrderCancelRequest OrderMassActionReport OrderMassActionRequest Quote QuoteRequest SecurityDefinitionRequest</p> <p>Add to component: ListOrdGrp SideCrossOrdCxlGrp TrdCapRptAckSideGrp TrdCapRptSideGrp TrdMatchSideGrp</p>
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<p>TBD23 52</p>	<p>EncodedCompliance Text</p>	<p>NEW</p>	<p>data</p>	<p>Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the ComplianceText(2404) field.</p>	<p>EncCompliance Txt</p>	<p>Add to messages: CrossOrderCancelReplaceRequest ExecutionReport MassQuote MassQuoteAck MultilegOrderCancelReplace NewOrderCross NewOrderMultileg NewOrderSingle OrderCancelReplaceRequest OrderCancelRequest OrderMassActionReport OrderMassActionRequest Quote QuoteRequest SecurityDefinitionRequest</p> <p>Add to component: ListOrdGrp SideCrossOrdCxlGrp TrdCapRptAckSideGrp TrdCapRptSideGrp TrdMatchSideGrp</p>
<p>376</p>	<p>ComplianceID</p>	<p>ADD CHANGE</p>	<p>String</p>	<p>ID used to represent this transaction for compliance purposes (e.g. OATS reporting or identification of high-frequency trading algorithms).</p>	<p>ComplianceID</p>	<p>Add to messages: MassQuote MassQuoteAck OrderMassActionReport OrderMassActionRequest Quote QuoteRequest SecurityDefinitionRequest</p>

Appendix B - Glossary Entries

Term	Definition	Field where used

Appendix C - Abbreviations

Term	Proposed Abbreviation	Proposed Messages, Components, Fields where used

Appendix D - Usage Examples

[Examples may be entered below this line]