



Global Technical Committee and Eurex Group Position Identifier Proposal

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Table of Contents

Document History	5
1 Introduction	6
2 Business Requirements.....	6
2.1 Entity Identifier for Positions	6
2.2 Reference to a Position.....	6
2.3 Additional Position Transaction Types.....	6
3 Issues and Discussion Points.....	7
4 Proposed Message Flow	7
5 FIX Message Tables.....	7
5.1 FIX Message PositionReport	7
5.2 FIX Message PositionMaintenanceReport	12
6 FIX Component Blocks	16
7 Category Changes	16
Appendix A - Data Dictionary.....	17
Appendix B - Glossary Entries	19
Appendix C - Abbreviations.....	19
Appendix D - Usage Examples.....	19

Table of Figures

Document History

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ASBUILT	Oct 9, 2015	GTC PMO	Created ASBUILT

1 Introduction

Eurex Group provides various trading and clearing services to its membership. Position management is provided as a part of the clearing services. This proposal is in the context of regulatory reporting of positions for EMIR. It adds the possibility to uniquely identify a position entity with a single numeric identifier that represents a shortcut to the collection of attributes related to instruments and accounts that are currently needed to describe a position entity.

The following extensions are proposed:

- New field PositionID([TBD2618](#)) for position maintenance messages to report positions
- New valid value "PositionID" for RelatedPositionIDSource(1863)
- [New valid values for PosTransType\(709\) to cover corporate actions, assignments, creation due to exercise, close-out and transfers](#)

2 Business Requirements

The business requirement is to support the ability of a clearinghouse to assign a numeric identifier that uniquely identifies a position entity within a specific context, e.g. a clearing participant. This identifier can then be passed back to the owner of the position and can be used by the clearinghouse for regulatory reporting to populate the UTI (Unique Trade Identifier).

2.1 Entity Identifier for Positions

It is proposed to add a new field PositionID([TBD2618](#)) to the root level of the following position maintenance messages.

- PositionReport
- PositionMaintenanceReport

2.2 Reference to a Position

It is proposed to extend the list of possible sources for RelatedPositionID(1862) by adding a new value "PositionID" to RelatedPositionIDSource(1863).

2.3 Additional Position Transaction Types

It is proposed to extend the list of possible values for PosTransType(709) to convey additional use cases for position related messages. The list includes transactions related to the transfer of positions. This is intended to support the new, dedicated messages for position transfers (for details see Extension Pack 189, <http://www.fixtradingcommunity.org/pg/extensions/extension-pack?ExtensionID=EP189>). The position report messages can be used to convey the results of a position transfer on a more granular level. The new transaction types related to position transfers are not to be used to request a transfer.

- Corporate Action
- Assignment of a position due to an exercise (Notification)
- New futures position due to the exercise of an options position (Position Creation)
- Close out of a position (Close Out)
- Reversal of a close out of a position (Reopen)
- Intra-firm position transfer (Internal)
- Inter-firm position transfer (External)
- Transfer of all positions to the clearinghouse or another firm (Transfer of Firm)

3 Issues and Discussion Points

NONE

4 Proposed Message Flow

There are no changes to the workflow for position maintenance. However, it is proposed that the clearinghouse always provides full details of the position entity in addition to the PositionID(~~TBD~~[2618](#)) field due to the fact that this serves as reference data to establish a link between the numeric identifier and the instrument and account details that otherwise uniquely identify a position. It should not be limited to the workflow establishing a new position but be provided for update confirmations as well.

5 FIX Message Tables

5.1 *FIX Message PositionReport*

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	PositionReport
Message Abbreviated Name (for FIXML)	PosRpt
Category	PositionMaintenance
Action	__New _X_Change
Message Synopsis	The Position Report message is returned by the holder of a position in response to a Request for Position message. The purpose of the message is to report all aspects of a position and may be provided on a standing basis to report end of day positions to an owner.
Message Elaboration	

To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	AP
Repository Component ID	75

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
<i>StandardHeader</i>		Y	BaseHeader	MsgType = AP		
Component <ApplicationSequenceControl>		N	AppSeqCtrl			
721	PosMaintRptID	Y	RptID	Unique identifier for this position report		
TBD2 618	PositionID	N	PosID	Unique identifier for this position entity		
710	PosReqID	N	ReqID	Unique identifier for the Request for Positions associated with this report This field should not be provided if the report was sent unsolicited.		
724	PosReqType	N	ReqTyp	Will be 7=Net Position if the report contains net position information for margin requirements.		
2364	PosReportAction	N	Actn			
1635	MarginReqmtInqID	N	ID	Unique identifier for the inquiry associated with this report. This field should not be provided if the report was sent unsolicited.		
263	SubscriptionRequestType	N	SubReqTyp	Used to subscribe / unsubscribe for trade capture reports If the field is absent, the value 0 will be the default		
727	TotalNumPosReports	N	TotRpts	Total number of Position Reports being returned		
911	TotNumReports	N	TotNumRpts			
912	LastRptRequested	N	LastRptReqd			
728	PosReqResult	N	Rslt	Result of a Request for		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
				Position		
325	UnsolicitedIndicator	N	Unsol	Set to 'Y' if message is sent as a result of a subscription request or out of band configuration as opposed to a Position Request.		
715	ClearingBusinessDate	Y	BizDt	The Clearing Business Date referred to by this maintenance request		
2084	PreviousClearingBusinessDate	N	PrevBizDt	The business date previous to the clearing business date referred to by this maintenance request.		
716	SettlSessID	N	SetSesID			
717	SettlSessSubID	N	SetSesSub			
423	PriceType	N	PxTyp			
120	SettlCurrency	N	SettlCcy			
1011	MessageEventSource	N	MsgEvtSrc	Used to identify the event or source which gave rise to a message		
1832	ClearedIndicator	N	Clrd			
1833	ContractRefPosType	N	ConRefPosTyp			
1834	PositionCapacity	N	PosCpcty			
2101	TerminatedIndicator	N	TrmtdInd			
2373	IntraFirmTradeIndicator	N	IntraFirmTrdInd			
1937	TradeContinuation	N	TrdContn			
2374	TradeContinuationText	N	TrdContnTtxt			
2372	EncodedTradeContinuationTextLen	N	EncTrdContntnTtxtLen	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.		
2371	EncodedTradeContinuationText	N	EncTrdContntnTtxt	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
				encoded format specified via the MessageEncoding(347) field.		
1936	TradeCollateralization	N	TrdCollzn			
Component <Parties>		Y	Pty	Position Account		
1	Account	N	Acct	Account may also be specified through via Parties Block using Party Role 27 which signifies Account		
660	AcctIDSource	N	AcctIDSrc			
581	AccountType	N	AcctTyp	Type of account associated with the order (Origin). Account may also be specified through via Parties Block using Party Role 27 which signifies Account		
2375	TaxonomyType	N	TxnmyTyp			
Component <Instrument>		N	Instrmt			
Component <FinancingDetails>		N	FinDetls			
15	Currency	N	Ccy			
64	SettlDate	N	SettlDt	Position Settlement Date		
730	SettlPrice	N	SetPx			
2366	SettlPriceFxRateCalc	N	SettlPxFxRtCalc	Expresses whether to multiply or divide SettlPrice(730) to arrive at the amount reported in PosAmt(708).		
2365	SettlForwardPoints	N	SettlFwdPnts			
1886	SettlPriceUnitOfMeasure	N	SetPxUOM			
1887	SettlPriceUnitOfMeasure Currency	N	SetPxUOMCcy			
731	SettlPriceType	N	SetPxTyp	Values = Final, Theoretical		
734	PriorSettlPrice	N	PriSetPx			

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
1595	PositionContingentPrice	N	CntgPx			
1592	DiscountFactor	N	DiscFctr	For a forward position this is an appropriate value to discount the mark to market amount from the contract's maturity date back to present value.		
2085	ValuationDate	N	ValDt	Valuation date of the position(s) in this report		
2086	ValuationTime	N	ValTm	Valuation time of the position(s) in this report		
2087	ValuationBusinessCenter	N	ValBizCtr	Business center of ValuationDate(2085) and ValuationTime(2086). Single value only.		
573	MatchStatus	N	MtchStat	Used to indicate if a Position Report is matched or unmatched		
Component <InstrmtLegGrp>		N	Leg	Specifies the number of legs that make up the Security		
Component <RelatedInstrumentGrp>		N	ReltdInstrmt			
Component <CollateralAmountGrp>		N	CollAmt			
Component <PosUndInstrmtGrp>		N	PosUnd	Specifies the number of underlying legs that make up the Security		
60	TransactTime	N	TxnTm			
Component <PositionQty>		N	Qty	Insert here the set of "Position Qty" fields defined in "Common Components of Application Messages"		
Component <PositionAmountData>		N	Amt	Insert here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"		
Component <RegulatoryTradeIDGrp>		N	RegTrdID			
Component <PaymentGrp>		N	Pmt			

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
506	RegistStatus	N	RegStat	RegNonRegInd		
743	DeliveryDate	N	DivDt			
1434	ModelType	N	ModelType			
811	PriceDelta	N	PxDelta			
Component <RelatedTradeGrp>		N	ReltdTrd			
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.		
<i>StandardTrailer</i>		Y	Trlr			

5.2 FIX Message PositionMaintenanceReport

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	PositionMaintenanceReport
Message Abbreviated Name (for FIXML)	PosMntRpt
Category	PositionMaintenance
Action	__New _X_Change
Message Synopsis	The Position Maintenance Report message is sent by the holder of a position in response to a Position Maintenance Request and is used to confirm that a request has been successfully processed or rejected.
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration)	AM
Repository Component ID	72

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
StandardHeader		Y	BaseHeader	MsgType = AM		
721	PosMaintRptID	Y	RptID	Unique identifier for this position report		
709	PosTransType	Y	TxnTyp			
702 618	PositionID	N	PosID	Unique identifier for this position entity		
710	PosReqID	N	ReqID	Unique identifier for the position maintenance request associated with this report		
712	PosMaintAction	Y	Actn			
713	OrigPosReqRefID	N	OrigPosReqRefID	Reference to the PosReqID of a previous maintenance request that is being replaced or canceled.		
722	PosMaintStatus	N	Stat	Status of PositionMaintenanceRequest. Conditionally required when responding to a PositionMaintenanceRequest.		
723	PosMaintResult	N	Rslt			
715	ClearingBusinessDate	Y	BizDt	The Clearing Business Date covered by this request		
2084	PreviousClearingBusinessDate	N	PrevBizDt	The business date previous to the clearing business date referred to by this maintenance request.		
2085	ValuationDate	N	ValDt	Valuation date of the position(s) in this report.		
2086	ValuationTime	N	ValTm	Valuation time of the position(s) in this report.		
2087	ValuationBusinessCenter	N	ValBizCtr	Business center of ValuationDate(2085) and ValuationTime(2086). Single value only.		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
1592	DiscountFactor	N	DiscFctr	For a forward position this is an appropriate value to discount the mark to market amount from the contract's maturity date back to present value.		
1328	RejectText	N	RejTtxt			
1664	EncodedRejectTextLen	N	EncRejTtxtLen			
1665	EncodedRejectText	N	EncRejTtxt			
716	SettlSessID	N	SetSesID			
717	SettlSessSubID	N	SetSesSub			
1832	ClearedIndicator	N	Clrd			
1833	ContractRefPosType	N	ConRefPosTyp			
1834	PositionCapacity	N	PosCpcty			
2101	TerminatedIndicator	N	TrmtdInd			
979	InputSource	N	InptSrc			
Component <Parties>		N	Pty	Position Account		
1	Account	N	Acct			
660	AcctIDSource	N	AcctIDSrc			
581	AccountType	N	AcctTyp	Type of account associated with the order (Origin)		
714	PosMaintRptRefID	N	RptRefID	Reference to a PosMaintRptID (Tag 721) from a previous Position Maintenance Report that is being replaced or canceled		
Component <Instrument>		Y	Instrmt			
15	Currency	N	Ccy			
64	SettlDate	N	SettlDt			
120	SettlCurrency	N	SettlCcy			
719	ContraryInstructionIndicator	N	CntraryInstrctnInd	Can be set to true when a position maintenance request is being		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
				performed contrary to current money position, i.e. for an exercise of an out of the money position or an abandonment (do not exercise) of an in the money position		
720	PriorSpreadIndicator	N	PriorSpreadInd			
Component <InstrmtLegGrp>		N	Leg	Specifies the number of legs that make up the Security		
Component <RelatedInstrumentGrp>		N	ReltdInstrmt			
Component <UndInstrmtGrp>		N	Undly	Specifies the number of underlying legs that make up the Security		
Component <TrdgSesGrp>		N	TrdSes	Specifies the number of repeating TradingSessionIDs		
60	TransactTime	N	TxnTm	Time this order request was initiated/released by the trader, trading system, or intermediary. Conditionally required except when requests for reports are processed in batch, transaction time is not available, or when PosReqID is not present.		
Component <PositionQty>		N	Qty	Conditionally required when PosMaintAction(712) = 1(New), 2(Replace) or 4(Reverse).		
Component <PositionAmountData>		N	Amt	Insert here here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"		
Component <RegulatoryTradeIDGrp>		N	RegTrdID	The source, value and relationship of multiple trade identifiers for the same trade, e.g. Unique Swap Identifiers.		

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
Component <PaymentGrp>		N	Pmt	Additional payments or bullet payments.		
718	AdjustmentType	N	AdjTyp	Type of adjustment to be applied Delta_plus, Delta_minus, Final. If Adjustment Type is null, the PCS request will be processed as Margin Disposition only		
834	ThresholdAmount	N	Threshol dAmt			
Component <RelatedTradeGrp>		N	ReltdTrd			
58	Text	N	Txt			
354	EncodedTextLen	N	EncTxtLe n	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			

6 FIX Component Blocks

NO CHANGES

7 Category Changes

NONE

Appendix A - Data Dictionary

Tag	FieldName	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
TBD2618	PositionID	NEW	String	Unique identifier for a position entity. Refer to PosMaintRptID(721) for a unique identifier of a position report message.	PosID	Add to messages PositionReport PositionMaintenanceReport
709	PosTransType	CHANGE	int	Identifies the type of position transaction. Valid values: 1=Exercise 2=Do n ot e xercise 3 = Position adjustment 4 = Position change submission / margin disposition 5 = Pledge 6 = Large trader submission 7 = Large positions reporting submission 8 = Long holdings ... 9TBD = Internal t ransfer (Elaboration: Changes due to transfer of positions within a firm.) 10TBD = Transfer of f irm (Elaboration: Changes due to transfer of all positions of a firm.) 11TBD = External t ransfer (Elaboration: Changes due to transfer of positions between firms.) 12TBD = Corporate a ction	TxnTyp	

				<p>13TBD = Notification (Elaboration: Information about a position that has been chosen for assignment.)</p> <p>14TBD = Position <u>c</u>Creation (Elaboration: Changes due to an option exercise causing a new futures position to be created.)</p> <p>15TBD = Close out (Elaboration: Information about a position that has been closed out.)</p> <p>16TBD = Reopen (Elaboration: Information about a position that has been reopened, i.e. reversal of a close out.)</p>		
1863	RelatedPositionIDSource	CHANGE	int	<p>Describes the source of the identifier that RelatedPositionID(1862) represents.</p> <p>Valid values: 1=Position maintenance report ID – PosMaintRptID(721) 2=Position Transfer ID (identifying a position transfer) - TransferID(2437) 3TBD= Position entity ID – PositionID(TBD2618)</p>	Src	

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