Global Technical Committee - CFTC

CFTC Part 39 Reporting Extensions

[December 20, 2012]

[Revision #0.6]

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For Global Technical Committee Governance Internal Use Only

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Document History

Revision	Date	Author	Revision Comments
0.1	8/28/12	Robert Stowsky, CFTC	Initial Draft
0.2	8/29/12	Robert Stowsky, CFTC	Updated proposed FIXML names
0.3	8/29/12	Robert Stowsky CFTC	Added 5YREN (5 year equivalent notional) to PosAmtType
0.4	Aug. 31, 2012	L. Taikitsadaporn	Edits based on GTC review. - added SettlDate(64) ValuationDate(tbd) and DiscountFactor(1529) to PositionMaintenanceReport(35=AM) message. - added SettlDate(64) to RequestForPositions(35=AN) and PosisitionMaintenanceRequest(35=AL) messages. - updated FIX field usage text for MarginAmtCcy(1646) in MarginAmount component, CollateralCurrency(1705) in CollateralAmoungGrp, and PayCollectCurrency(1709) in PayCollectGrp to take into consideration the addition of Currency(15) in the main level of message.
			Public comment ended.
0.5	10/11/12	Robert Stowsky CFTC	After public comment period the following changes were needed by the CFTC: 1. Added Part 43/45 Phase I GA component “PaymentGrp” to the PositionReport message 2. Added Part 43/45 Phase I GA component “RegulatoryTradeIDGrp” to the PositionReport message 3. Added new enumeration for “Settlement Payment” to Payment Type in component “PaymentGrp” 4. Added new field “PreviousBusinessDate” to the PositionReport message 5. Added Part 43/45 Phase II GA field ValuationTime to the PositionReport message 6. Added Part 43/45 Phase II GA field ValuationBusinessCenter to the PositionReport message.
ASBUILT	Dec. 07, 2012	L. Taikitsadaporn	ASBUILT Synchronized PositionMaintenanceReport(35=AM) with changes in PositionReport(35=AP)

Revision	Date	Author	Revision Comments
0.6	Dec 10, 2012	Robert Stowsky CFTC	CFTC required additional fields and enumerations. Resubmitted to GTC on Dec. 20th for review. 1. Added new field TerminatedIndicator to the PositionReport 2. Added value CFE [Cash Futures Equivalent Quantity] to PosType in Component PositionQty 3. Added value UMTM [Undiscounted mark –to-market amount] to PosAmtType
	Dec. 20, 2012	L. Taikitsadaporn	Minor clean up based on GTC review and feedback prior to public comment.
ASBUILT	Jan. 4, 2013	L. Taikitsadaporn	ASBUILT based on additional changes reviewed.
	Jan 18, 2013	~~D~~Brian Danylkiw	Updated with allocated tag #'s for new fields. (2085-2101).
	Feb. 24, 2013	L. Taikitsadaporn	Edits made for quality check purposes: SPEC-904 to SPEC-921.
	Dec. 7, 2013	L. Taikitsadaporn	Edits made based on FIXML Schema error reported and logged in SPEC-1066. Changed component category from TradeCapture to Common for RegulatoryTradeIDGrp, AllocRegulatoryTradeIDGrp and SideRegulatoryTradeIDGrp.

1 Introduction

On November 8, 2011, the Commodity Futures Trading Commission ("Commission" or "CFTC") published "Derivatives Clearing Organization ("DCO") General Provisions and Core Principles," amending 17 CFR Parts 1, 21, 39, and 140. This final rulemaking includes DCO reporting rules that become effective on November 8, 2012 and are set forth in Part 39, Section 39.19 of the Commission's regulations. The rules cover daily, quarterly, annual, and event-specific reporting. This gap analyisis pertain to submission of daily reports under Section 39.19(c)(1), which requires reports from DCOs for each clearing member ("CM") by house origin and by each customer origin for all futures, options, and swaps positions, and all securities positions held in a segregated account or pursuant to a cross margining agreement:

> Section 39.19(c)(1)(i)(A), addresses initial margin;
>
> Section 39.19(c)(1)(i)(B) addresses variation margin;
>
> Section 39.19(c)(1)(i)(C) addresses other cash flows collected from or paid to each CM; and
>
> Section 39.19(c)(1)(D) addresses end-of-day positions. Division of Clearing and Risk ("Division" or "DCR") will accept existing Part 16 reporting for Futures and Options and Commodity Swaps (Clearport and ICE Europe).

2 Business Workflow

Section 39.19, Reporting, states

(a) *In general.* Each derivatives clearing organization shall provide to the Commission the information specified in this section and any other information that the Commission deems necessary to conduct its oversight of a derivatives clearing organization.

(b) *Submission of reports.* (1) Unless otherwise specified by the Commission or its designee, each derivatives clearing organization shall submit the information required by this section to the Commission electronically and in a form and manner prescribed by the Commission.

(2) *Time zones.* Unless otherwise specified by the Commission or its designee, any stated time in this section is Central time for information concerning derivatives clearing organizations located in that time zone, and Eastern time for information concerning all other derivatives clearing organizations.

(c) *Reporting requirements.* Each registered derivatives clearing organization shall provide to the Commission or other person as may be required or permitted by this paragraph the information specified below:

> (1) *Daily reporting.* A report containing the information specified by this paragraph (c)(1), which shall be compiled as of the end of each trading day and shall be submitted to the Commission by 10 a.m. on the following business day:

(i) Initial margin requirements and initial margin on deposit for each clearing member, by customer origin and house origin;

(ii) Daily variation margin, separately listing the mark-to-market amount collected from or paid to each clearing member, by customer origin and house origin;

(iii) All other daily cash flows relating to clearing and settlement including, but not limited to, option premiums and payments related to swaps such as coupon amounts, collected from or paid to each clearing member, by customer origin and house origin; and

(iv) End-of-day positions for each clearing member, by customer origin and house origin.

CFTC has published a guidebook that states the daily reports may be sent to the Commission as two different reports, Cash Flow and End of Day (EOD) Positions. The Cash Flow report addresses i, ii, and iii above. The EOD Positions report addresses iv.

Market segments addressed by the reports include:

Futures Options

Credit Default Swaps

Interest Rate Swaps

Commodity Swaps

Equity Option

Cash

Foreign Exchange

The CFTC has elected to use the FIX AccountSummaryReport(35=CQ) message for the Cash Flow report and the FIX PositionReport(35=AP) for the EOD Positions report. This gap analysis addresses changes and additions to these messages required to fulfill the CFTC requirements. .Both types of reports are to be submitted to the CFTC using the FIXML syntax.

2.1 Summary of Changes

2.1.1 AccountSummaryReport

The Cash Flow report includes information on margins, collateral and payment amounts. Additonally as part of the Cash Flow report, the CFTC requires reporting of mark-to-market, accrued interest, price alignment interest and net present value amounts. To meet this requirment this gap analysis proposes adding the PositionAmountData component to the AccountSummaryReport message.

2.1.2 PositionReport

The EOD Position report is dependent on the Instrument component extensions propsed in the Part 43 and 45 gap analysis for support of interest rate and credit swap products.

Additonally as part of the EOD Position report, the CFTC requires reporting of accrued interest for each stream of an interest rate swap. To meet this requirement this gap analysis proposes adding a new field called PosStreamDescription(~~tbd~~2096) to the PositionAmountData component that corresponds to the StreamDescription(~~tbd~~40051) field in StreamGrp component being proposed in the Part 43 & 45 gap analysis.

3 Issues and Discussion Points

3.1 Discount Factor

For an FX Forward position the discount factor is the required value to discount the mark to market amount from the contract's maturity date back to the present value. This gap analysis proposes adding the field DiscountFactor(1592) to the root of the PositionReport message. Is this the correct placement?

4 Proposed Message Flow

There are no changes to the FIX message flows. The messages will be sent to the CFTC without any explicit request message(s) to initiate the message flow.

5 FIX Message Tables

5.1 FIX Message AccountSummaryReport(35=CQ)

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	AccountSummaryReport
Message Abbreviated Name (for FIXML)	AcctSumRpt
Category	AccountReporting
Message Synopsis	The AccountSummaryReport is provided by the clearinghouse to its clearing members on a daily basis. It contains margin, settlement, collateral and pay/collect data for each clearing member level account type. Clearing member account types will be described through use of the Parties component and PtysSubGrp sub-component. In certain usages, the clearing members can send the AccountSummaryReport message to the clearinghouse as needed. For example, clearing members can send this message to the clearinghouse to identify the value of collateral for each customer (to satisfy CFTC Legally Segregated Operationally Commingled (LSOC) regulatory reporting obligations). Clearing organizations can also send the AccountSummaryReport message to regulators to meet regulatory reporting obligations. For example, clearing organizations can use this message to submit daily reports for each clearing member ("CM") by house origin and by each customer origin for all futures, options, and swaps positions, and all securities positions held in a segregated account or pursuant to a cross margining agreement, to a regulator (e.g. to the CFTC to meet Part 39, Section 39.19 reporting obligations).
Message Elaboration	The Parties component and PtysSubGrp sub-component are used to describe the clearing member number and account type for that report. Net settlement amount or amounts are provided using the SettlementAmountGrp component. Margin requirement

	amounts are provided using the MarginAmountData component. The current collateral values for each valid collateral type is provided using the CollateralAmountGrp component. Likewise pay/collect information is provided using the PayCollectGrp component. Margin and pay/collect amounts can optionally be tied to markets and market segments for clearing houses that support multiple markets and market segments.
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	CQ
Repository Component ID	127

Tag	*Field Name*	*Req'd*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***
StandardHeader		Y	BaseHeader	MsgType = CQ		
1699	AccountSummaryReportID	Y	RptID			
715	ClearingBusinessDate	Y	BizDt			
15	Currency	N	Ccy	Identifies the base reporting currency used in this report.	**ADD**	
900	TotalNetValue	N	TotNetValu			
899	MarginExcess	N	MgnExcess			
Component <SettlementAmountGrp>		***N***	***SettlAmt***			
Component <MarginAmount>		***N***	***MgnAmt***			
Component <Parties>		***Y***	***Pty***	***Used to identify the parties for the account (clearing organization, clearing firm, account type, etc.)***		
Component <CollateralAmountGrp>		***N***	***CollAmt***			
Component <PayCollectGrp>		***N***	***PayCol***			
Component <PositionAmountData		***N***	***Amt***	***Can be used to identify mark to market information for the position.***	**ADD**	
StandardTrailer		N	Trlr			

5.2 FIX Message PositionReport(35=AP)

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
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***
StandardHeader		Y	BaseHeader	MsgType = AP		
Component <ApplicationSequenceControl>		***N***	***ApplSeqCtrl***			
721	PosMaintRptID	Y	RptID	Unique identifier for this position report		
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.		
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	LastRptReqed			
728	PosReqResult	N	Rslt	Result of a Request for 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		
~~tbd~~ 2084	PreviousClearingBusinessDate	N	PrevBizDat	The business date previous to the clearing business date referred to by this maintenance request	**NEW**	
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			
~~tbd~~ 2101	TerminatedIndicator	N	TrmtdInd		**NEW**	
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		
Component <Instrument>		***N***	***Instrmt***			
15	Currency	N	Ccy			
64	SettlDate	N	SettlDt		**ADD**	
730	SettlPrice	N	SetPx			

1886	SettlPriceUnitOfMeasure	N	SetPxUOM			
1887	SettlPriceUnitOfMeasureCurrency	N	SetPxUOMCcy			
731	SettlPriceType	N	SetPxTyp	Values = Final, Theoretical		
734	PriorSettlPrice	N	PriSetPx			
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.	**ADD**	
~~tbd~~ 2085	ValuationDate	N	ValDt	Valuation date of the position(s) in this report.	**NEW**	
~~tbd~~ 2086	ValuationTime	N	ValTm	Valuation time of the position(s) in this report	**NEW**	
~~tbd~~ 2087	ValuationBusinessCenter	N	ValBizCtr	Business center of ValuationDate(~~tbd~~2085) and ValuationTime(~~tbd~~2086). Single value only.	**NEW**	
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 <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***		**ADD**	
Component <PaymentGrp>		***N***	***Pmt***		**ADD**	
506	RegistStatus	N	RegStat	RegNonRegInd		
743	DeliveryDate	N	DlvDt			

1434	ModelType	N	ModelTyp			
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.		
StandardTrailer		Y	Trlr			

5.3 FIX Message PositionMaintenanceReport(35=AM)

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
Message Synopsis	*(no change)*
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	AP
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			
<....truncated...>						
715	ClearingBusinessDate	Y	BizDt	The Clearing Business Date referred to by this request		

~~tbd~~ 2084	PreviousClearingBusinessDate	N	PrevBizDat	The business date previous to the clearing business date referred to by this maintenance request	NEW	
~~tbd~~ 2085	ValuationDate	N	ValDt	Valuation date of the position(s) in this report.	NEW	
~~tbd~~ 2086	ValuationTime	N	ValTm	Valuation time of the position(s) in this report	NEW	
~~tbd~~ 2087	ValuationBusinessCenter	N	ValBizCtr	Business center of ValuationDate(2085) and ValuationTime(2086). Single value only.	NEW	
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.	ADD	
<...truncated...>						
1834	PositionCapacity	N	PosCpcty			
~~tbd~~ 2101	TerminatedIndicator	N	TrmtdInd		NEW	
<...truncated...>						
15	Currency	N	Ccy			
120	SettlCurrency	N	SettlCcy			
64	SettlDate	N	SettlDt		ADD	
<...truncated...>						
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***	ADD	

r2

				trade identifiers for the same trade, e.g. Unique Swap Identifiers		
Component <PaymentGrp>		***N***	***Pmt***	***Additional payments or bullet payments***	**ADD**	
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		
<...truncated...>						
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			

5.4 FIX Message RequestForPositions(35=AN)

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	RequestForPositions
Message Abbreviated Name (for FIXML)	ReqForPoss
Category	PositionMaintenance
Message Synopsis	*(no change)*
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	AN
Repository Component ID	73

Tag	*Field Name*	*Req'd*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***
StandardHeader		Y	BaseHeader	MsgType = AN		

710	PosReqID	Y	ReqID	Unique identifier for the Request for Positions as assigned by the submitter		
724	PosReqType	Y	ReqTyp			
<....truncated...>						
715	ClearingBusinessDate	Y	BizDt	The Clearing Business Date referred to by this request		
64	SettlDate	N	SettlDt		**ADD**	
<...truncated...>						
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			

5.5 FIX Message PositionMaintenanceRequest(35=AL)

To be completed at the time of the proposal – all information provided will be stored in the repository	
Message Name	PositionMaintenanceRequest
Message Abbreviated Name (for FIXML)	PosMntReq
Category	PositionMaintenance
Message Synopsis	*(no change)*
Message Elaboration	
To be finalized by FPL Technical Office	
(MsgType(tag 35) Enumeration	AN
Repository Component ID	71

Tag	*Field Name*	*Req'd*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***
StandardHeader		Y	BaseHeader	MsgType = AL		
710	PosReqID	N	ReqID	Unique identifier for the position maintenance		

				request as assigned by the submitter. Conditionally required when used in a request/reply scenario (i.e. not required in batch scenario)		
709	PosTransType	Y	TxnTyp			
712	PosMaintAction	Y	Actn			
<....truncated...>						
715	ClearingBusinessDate	Y	BizDt	The Clearing Business Date referred to by this maintenance request		
64	SettlDate	N	SettlDt		**ADD**	
<...truncated...>						
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			

6 FIX Component Blocks

6.1 Component MarginAmount

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	MarginAmount
Component Abbreviated Name (for FIXML)	MgnAmt
Component Type	___ Block Repeating ___ Block
Category	Common
Component Synopsis	
Component Elaboration	
To be finalized by intFPL Technical Office	
Repository Component ID	2177

Component FIXML Abbreviation: <MarginAmount>							
Tag	*Field Name*		*Req'd*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***
1643	NoMarginAmt		N		Number of margin amount entries		
→	***1645***	***MarginAmt***	N	Amt			
→	***1644***	***MarginAmtType***	N	Typ	Total margin requirement if not provided		**New enumeration values added (see data dictionary)**
→	***1646***	***MarginAmtCcy***	N	Ccy	Can be used to specify base currency if Currency(15) is not provided	**CHANGE**	
→	***~~tbd~~2088***	***MarginAmtFXRate***	N	FxRt		**NEW**	
→	***~~tbd~~2089***	***MarginAmtFXRateCalc***	N	FxRtCalc		**NEW**	
→	***1714***	***MarginAmountMarketSegmentID***	N	MktSegID			
→	***1715***	***MarginAmountMarketID***	N	MktID			
</MarginAmount>							

6.2 Component CollateralAmountGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	CollateralAmountGrp
Component Abbreviated Name (for FIXML)	CollAmt
Component Type	___ Block Repeating ___ Block
Category	AccountReporting
Component Synopsis	The Collateral Amount Group component block is a repeating group that provides the current value of the collateral type on deposit. The currency of the collateral value may be optionally included.
Component Elaboration	
To be finalized by intFPL Technical Office	
Repository Component ID	2191

Component FIXML Abbreviation: <CollateralAmountGrp>

Tag	*Field Name*		*Req'd*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***
1703	NoCollateralAmounts		N				
→	***1704***	***CurrentCollateralAmount***	N	Amt	Required if NoCollateralsAmounts > 0.		
→	***1705***	***CollateralCurrency***	N	Ccy	Can be used to specify base settlement currency if Currency(15) is not specified.	**CHANGE**	
→	***~~tbd~~ 2090***	***CollateralFXRate***	N	FxRt		**NEW**	
→	***~~tbd~~ 2091***	***CollateralFXRateCalc***	N	FxRtCalc		**NEW**	
→	***1706***	***CollateralType***	N	Typ			
→	***~~tbd~~ 2092***	***CollateralAmountMarketSegmentID***	N	MktSegID		**NEW**	
→	***~~tbd~~ 2093***	***CollateralAmountMarketID***	N	MktID		**NEW**	
</CollateralAmountGrp>							

6.3 Component PayCollectGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	PayCollectGrp
Component Abbreviated Name (for FIXML)	PayCol
Component Type	___ Block Repeating ___ Block
Category	AccountReporting
Component Synopsis	The Pay Collect Group component block is a repeatable block intended to report individual pay/collect items to be considered when calculating net settlement.
Component Elaboration	A Pay/Collect is a payment or collection of funds by the clearing house to/from a clearing firm for a specific reason. Pay/Collects are typically netted to a single amount and factored into the firm's daily net settlement. Values are to be maintained by an external code list. The currency of the pay/collect amount may be optionally included.
To be finalized by intFPL Technical Office	
Repository Component ID	2192

Component FIXML Abbreviation: <PayCollectGrp>						
Tag	*Field Name*	*Req'*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***

Tag	Field Name	Req'd	XMLName	FIX Spec Comments	Action	Mappings and Usage Comments
		d				
1707	NoPayCollects	N				
→ ***1708***	***PayCollectType***	N	Typ	Required if NoPayCollects > 0.		
→ ***1709***	***PayCollectCurrency***	N	Ccy	Can be used to specify the base settlement currency if Currency(15) is not specified.	**CHANGE**	
→ ***~~tbd~~ 2094***	***PayCollectFXRate***	N	FxRt		**NEW**	
→ ***~~tbd~~ 2095***	***PayCollectFXRateCalc***	N	FxRtCalc		**NEW**	
→ ***1710***	***PayAmount***	N	PayAmt			
→ ***1711***	***CollectAmount***	N	ColAmt			
→ ***1712***	***PayCollectMarketSegmentID***	N	MktSegID			
→ ***1713***	***PayCollectMarketID***	N	MktID			
</PayCollectGrp>						

6.4 Component PositionAmountData

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	PositionAmountData
Component Abbreviated Name (for FIXML)	Amt
Component Type	___ Block Repeating ___ Block
Category	Common
Component Synopsis	The PositionAmountData component block is used to report netted amounts associated with position quantities. In the listed derivatives market the amount is generally expressing a type of futures variation or option premium. In the equities market this may be the net pay or collect on a given position.
Component Elaboration	
To be finalized by intFPL Technical Office	
Repository Component ID	1014

Component FIXML Abbreviation: <PositionAmountData>						
Tag	*Field Name*	*Req'd*	*XMLName*	*FIX Spec Comments*	***Action***	***Mappings and Usage Comments***
753	NoPosAmt	N		Number of Position		

					Amount entries		
→	*707*	***PosAmtType***	N	Typ			**New enumeration values (added see data dictionary)**
→	*708*	***PosAmt***	N	Amt			
→	***~~tbd~~ 2096***	***PosAmtStreamDesc~~ription~~***	N	StrmDesc	Used when the PosAmt(708) value corresponds to a specific stream of a swap.	**NEW**	
→	*1055*	***PositionCurrency***	N	Ccy			
→	***~~tbd~~ 2097***	***PositionFXRate***	N	FxRt		**NEW**	
→	***~~tbd~~ 2098***	***PositionFXRateCalc***	N	FxRtCalc		**NEW**	
→	*1585*	***PosAmtReason***	N	Rsn			
→	***~~tbd~~ 2099***	***PosAmtMarketSegmentID***	N	MktSegID		**NEW**	
→	***~~tbd~~ 2100***	***PosAmtMarketID***	N	MktID		**NEW**	
					</PositionAmountData>		

6.5 Component RegulatoryTradeIDGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	RegulatoryTradeIDGrp
Component Abbreviated Name (for FIXML)	RegTrdID
Component Type	_X__ Block Repeating ____ Block
Category	Common (change from TradeCapture)
Component Synopsis	
Component Elaboration	
To be finalized by the FPL Technical Office	
Repository Component ID	2220

6.6 Component AllocRegulatoryTradeIDGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	AllocRegulatoryTradeIDGrp
Component Abbreviated Name (for FIXML)	RegTrdID
Component Type	_X__ Block Repeating ___ Block
Category	Common (change from TradeCapture)
Component Synopsis	
Component Elaboration	
To be finalized by the FPL Technical Office	
Repository Component ID	2221

6.7 Component SideRegulatoryTradeIDGrp

To be completed at the time of the proposal – all information provided will be included in the repository	
Component Name	SideRegulatoryTradeIDGrp
Component Abbreviated Name (for FIXML)	RegTrdID
Component Type	_X__ Block Repeating ___ Block
Category	Common (change from TradeCapture)
Component Synopsis	
Component Elaboration	
To be finalized by the FPL Technical Office	
Repository Component ID	2222

7 Category Changes

Appendix A - Data Dictionary

Tag	FieldName	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
~~tbd~~2084	PreviousClearingBusinessDate	New	LocalMarketDate	The date of the previous business day	PrevBizDt	PositionReport PositionMaintenanceReport
~~tbd~~2085	ValuationDate	New	LocalMktDate	The date the valuation is to take place.	ValDt	PositionReport PositionMaintenanceReport
~~tbd~~2086	ValuationTime	ADD	LocalMktTime	The time the valuation is to take place.	ValTm	PositionReport PositionMaintenanceReport
~~tbd~~2087	ValuationBusinessCenter	ADD	String	~~Valuation business center, e.g. "USNY".~~ Identifies the business center whose calendar is used for valuation, e.g. "GLOB". See http://www.fpml.org/coding-scheme/business-center for standard 4-character code values.	ValBizCtr	PositionReport PositionMaintenanceReport
~~tbd~~2088	MarginAmtFXRate	New	float	Foreign exchange rate used to compute the MarginAmt(1645) from the MarginAmtCcy(1646) and the Currency(15).	FxRt	MarginAmt component
~~tbd~~2089	MarginAmtFXRateCalc	New	char	Specifies whether or not MarginAmtFXRate(~~tbd~~2088) should be multipled or divided. D = Divided M = Multiply *(Uses enums from UnderlyingFXRateCalc(1046))*	FxRtCalc	MarginAmt component
~~tbd~~2090	CollateralFXRate	New	float	Foreign exchange rate used to compute the CurrentCollateralAmount(1704) from the CollateralCurrency(1646) and the Currency(15).	FxRt	CollateralAmountGrp
~~tbd~~2091	CollateralFXRateCalc	New	char	Specifies whether or not CollateralFXRate(2090~~tbd~~) should be multipled or divided. D = Divided M = Multiply *(Uses enums from*	FxRtCalc	CollateralAmountGrp

				UnderlyingFXRateCalc(1046))		
~~tbd~~2092	CollateralAmountMarketSegmentID	New	String	Market segment associated with the collateral amount.	MktSegID	CollateralAmountGrp
~~tbd~~2093	CollateralAmountMarketID	New	String	Market associated with the collateral amount.	MktID	CollateralAmountGrp
~~tbd~~2094	PayCollectFXRate	New	float	Foreign exchange rate used to compute the PayAmount(1710) or CollectAmount(1711) from the PayCollectCurrency(1709) and the Currency(15).	FxRt	PayCollectGrp
~~tbd~~2095	PayCollectFXRateCalc	New	char	Specifies whether or not PayCollectFXRate(~~tbd~~2094) should be multipled or divided. D = Divided M = Multiply *(Uses enums from UnderlyingFXRateCalc(1046))*	FxRtCalc	PayCollectGrp
~~tbd~~2096	PosAmtStreamDes~~cription~~	New	String	Corresponds to the value in StreamDesc~~ription~~(40051~~tbd~~) in the StreamGrp component.	StrmDesc	PositionAmountData
~~tbd~~2097	PositionFXRate	New	float	Foreign exchange rate used to compute the PosAmt(708) from the PositionCurrency(1055) and the Currency (15).	FxRt	PositionAmountData
~~tbd~~2098	PositiongFXRateCalc	New	char	Specifies whether or not PositionFXRate(2097~~tbd~~) should be multipled or divided. D = Divided M = Multiply *(Uses enums from UnderlyingFXRateCalc(1046))*	FxRtCalc	PositionAmountData
~~tbd~~2099	PosAmtMarketSegmentID	New	String	Market segment associated with the position amount.	MktSegID	PositionAmountData
~~tbd~~2100	PosAmtMarketID	New	String	Market associated with the position amount.	MktID	PositionAmountData
~~tbd~~2101	TerminatedIndicator	New	Boolean	Indicates whether the position has been terminated.	TrmtdInd	PositionReport PositionMaintenanceReport
40213	PaymentType	Change	int	*add new enumeration* *(note this field is part of the PaymentGrp in EP161)*	Typ	

					Type of payment. 0 = Brokerage 1 = Upfront fee 2 = Independent amount / collateral 3 = Principal exchange 4 = Novation / termination 5 = Early termination provision 6 = Cancelable provision 7 = Extendible provision 8 = Cap rate provision 9 = Floor rate provision 10 = Option premium 11~~tbd ~~= Settlement payment Symbolic name: [SettlementPayment] 99 = Other		
	64	SettlDate	Add	LocalMkt Date	Specific date of trade settlement (SettlementDate) in YYYYMMDD format. If present, this field overrides SettlType (63). This field is required if the value of SettlType (63) is 6 (Future) or 8 (Sellers Option). This field must be omitted if the value of SettlType (63) is 7 (When and If Issued) (expressed in local time at place of settlement)	SettlDt	Add to: PositionReport RequestForPositions PositionMaintenanceReport PositionMaintenanceRequest
	707	PosAmtType	Change	String	*add new enumerations* Type of position amount. CASH = Cash amount (corporate event) CRES = Cash residual amount FMTM = Final mark-to-market amount IMTM = Incremental mark-to-market .... SACPN = Start-of-day accrued coupon. Symbolic name: [StartOfDayAccruedCoupon]	Typ	

					NPV = Net present value. Symbolic name: [NetPresentValue] SNPV = Start-of-day net present value. Symbolic name: [StartOfDayNetPresentValue] NCF = Net cash flow. Symbolic name: [NetCashFlow] PVFEES = Present value of all fees. Symbolic name: [PresentValueOfFees] PV01 = Present value of one basis points (Elaboration: Change in value if yield curve shifts 0.01%.) Symbolic name: [PresentValueOneBasisPoints] 5YREN = The five year equivalent notional amount. Symbolic name: [FiveYearEquivalentNotional] UMTM = Undiscounted mark-to-market Symbolic name: [UndiscountedMarkToMarket]		
	1644	MarginAmtType	Change	int	*add new enumerations* Type of margin requirement amount being specified. 1 = Additional Margin 2 = Adjusted Margin 3 = Unadjusted Margin	Typ	

				26~~tbd~~ = Spread response margin (Elaboration: Risk factor component associated with spread moves, curve shape changes and recovery rates.) Symbolic name: [SpreadResponseMargin] 27~~tbd~~ = Systemic risk margin (Elaboration: Risk factor component to capture parallel shift of credit spreads.) Symbolic name: [SystemicRiskMargin] 28~~tbd~~ = Curve risk margin (Elaboration: Risk factor captures curve shifts based on portfolio.) Symbolic name: [CurveRiskMargin] 29~~tbd~~ = Index spread risk margin (Elaboration: Risk factor component associated with risks due to widening/tightening spreads of CDS indices relative to each other.) Symbolic name: [IndexSpreadRiskMargin] 30~~tbd~~ = Sector risk margin (Elaboration: Risk factor component to capture sector risk.) Symbolic name: [SectorRiskMargin] 31~~tbd~~ = Jump-to-default risk margin (Elaboration: Risk factor component to capture extreme widening of credit spreads of a reference entity. Also known as Idiosyncratic Risk.) Symbolic name: [JumpToDefaultRiskMargin] 32~~tbd~~ = Basis risk margin (Elaboration: Risk factor component to capture basis risk between index and index constituent reference entities.)		

					Symbolic name: [BasisRiskMargin] 33~~tbd~~ = Interest rate risk margin (Elaboration: Risk factor component associated with parallel shift movements in interest rates.) Symbolic name: [InterestRateRiskMargin] 34~~tbd~~ = Jump-to-health risk margin (Elaboration: Risk factor component to capture extreme narrowing of credit spreads of a reference entity. Also known as Idiosyncratic Risk.) Symbolic name: [JumpToHealthRiskMargin] 35~~tbd~~ = Other risk margin (Elaboration: Any other risk factors include in the Margin Model.) Symbolic name: [OtherRiskMargin]		
	1592	DiscountFactor	Add	float	Used to calculate the present value of an amount to be paid in the future.	DiscFctr	Add to: PositionReport PositionMaintenanceReport
	703	PosType	Change	String	*add new value:* Used to identify the type of quantity that is being returned. ALC = Allocation Trade Qty AS = Option Assignment ASF = As-of Trade Qty DLV = Delivery Qty ETR = Electronic Trade Qty .... CFE = Cash ~~F~~futures e~~E~~quivalent ~~Q~~quantity Symbolic name: [CashFutureEquivalentQuantity]	Typ	

r2

Appendix B - Glossary Entries

Term	Definition	Field where used

Appendix C - Abbreviations

Term	Proposed Abbreviation	Proposed Messages, Components, Fields where used
Terminated	Trmtd	TerminatedIndicator

Appendix D - Usage Examples