



Global Derivatives Committee

Instrument Definition and Trade Price Extensions for CDS

May 28, 2010

Revision 0.3

Proposal Status: Approved

For Global Technical Committee Governance Internal Use Only

Submission Date:	April 12, 2010	Control Number:	EP119
Submission Status	Approved	Ratified Date	July 28, 2010
Primary Contact Person:	Alexander Mologoko	Release Identifier:	5.0 SP3

DISCLAIMER

THE INFORMATION CONTAINED HEREIN AND THE FINANCIAL INFORMATION EXCHANGE PROTOCOL (COLLECTIVELY, THE "FIX PROTOCOL") ARE PROVIDED "AS IS" AND NO PERSON OR ENTITY ASSOCIATED WITH THE FIX PROTOCOL MAKES ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, AS TO THE FIX PROTOCOL (OR THE RESULTS TO BE OBTAINED BY THE USE THEREOF) OR ANY OTHER MATTER AND EACH SUCH PERSON AND ENTITY SPECIFICALLY DISCLAIMS ANY WARRANTY OF ORIGINALITY, ACCURACY, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SUCH PERSONS AND ENTITIES DO NOT WARRANT THAT THE FIX PROTOCOL WILL CONFORM TO ANY DESCRIPTION THEREOF OR BE FREE OF ERRORS. THE ENTIRE RISK OF ANY USE OF THE FIX PROTOCOL IS ASSUMED BY THE USER.

NO PERSON OR ENTITY ASSOCIATED WITH THE FIX PROTOCOL SHALL HAVE ANY LIABILITY FOR DAMAGES OF ANY KIND ARISING IN ANY MANNER OUT OF OR IN CONNECTION WITH ANY USER'S USE OF (OR ANY INABILITY TO USE) THE FIX PROTOCOL, WHETHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, LOSS OF DATA, LOSS OF USE, CLAIMS OF THIRD PARTIES OR LOST PROFITS OR REVENUES OR OTHER ECONOMIC LOSS), WHETHER IN TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY), CONTRACT OR OTHERWISE, WHETHER OR NOT ANY SUCH PERSON OR ENTITY HAS BEEN ADVISED OF, OR OTHERWISE MIGHT HAVE ANTICIPATED THE POSSIBILITY OF, SUCH DAMAGES.

DRAFT OR NOT RATIFIED PROPOSALS (REFER TO PROPOSAL STATUS AND/OR SUBMISSION STATUS ON COVER PAGE) ARE PROVIDED "AS-IS" TO INTERESTED PARTIES FOR DISCUSSION ONLY. PARTIES THAT CHOOSE TO IMPLEMENT THIS DRAFT PROPOSAL DO SO AT THEIR OWN RISK. IT IS A DRAFT DOCUMENT AND MAY BE UPDATED, REPLACED, OR MADE OBSOLETE BY OTHER DOCUMENTS AT ANY TIME. THE FPL GLOBAL TECHNICAL COMMITTEE WILL NOT ALLOW EARLY IMPLEMENTATION TO CONSTRAIN ITS ABILITY TO MAKE CHANGES TO THIS SPECIFICATION PRIOR TO FINAL RELEASE. IT IS INAPPROPRIATE TO USE FPL WORKING DRAFTS AS REFERENCE MATERIAL OR TO CITE THEM AS OTHER THAN "WORKS IN PROGRESS". THE FPL GLOBAL TECHNICAL COMMITTEE WILL ISSUE, UPON COMPLETION OF REVIEW AND RATIFICATION, AN OFFICIAL STATUS ("APPROVED") TO THE PROPOSAL AND A RELEASE NUMBER.

No proprietary or ownership interest of any kind is granted with respect to the FIX Protocol (or any rights therein).

Copyright 2003-2010 FIX Protocol Limited, all rights reserved

Instrument Definition and Trade Price Extensions for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

Table of Contents

Contents

Document History.....	4
1 Introduction	5
2 Business Requirements.....	5
2.1 SecurityIDSource Extension.....	5
2.2 ObligationType Extension	5
2.3 TradePxNegotiationMethod Extension.....	6
2.4 UpfrontPriceType Extension	7
2.5 UpfrontPrice Extension.....	7
2.6 LastUpfrontPx Extension.....	7
3 Issues and Discussion Points	7
4 FIX message tables.....	7
4.1 TradeCaptureReport	7
4.2 ExecutionReport	8
4.3 NewOrder - Single.....	9
4.4 NewOrder - Multileg	10
5 FIX component blocks.....	11
5.1 Instrument.....	11
5.1.1 <i>Instrument component block</i>	11
6 Appendix A - Data Dictionary Extensions	13
7 Appendix B - Glossary Entries	15
8 Appendix C – Abbreviations	15
9 Appendix D - Usage Examples.....	15

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

Document History

Revision	Date	Author	Revision Comments
0.1	April 12, 2010	Alexander Mologoko	Initial draft
0.2	April 21, 2010	Alexander Mologoko	Based on GDC feedback removed Convertibility <Instrument> extension and modified ObligationType enum values to be compatible with FPML ReferenceObligation schema. Added tables for NewOrder – Single, NewOrder – Multileg and ExecutionReport messages
0.3	May 28, 2010	Alexander Mologoko	Based on GTC feedback modified ObligationType enum to have numeric values instead of symbolic. Fixed typo with 'Yield' PriceType represented by enum value '7' – replaced with '9'
0.3_ASBUILT	August 20, 2011	Jim Northey	Number assignments and minor document edits
	November 24, 2011	Lisa Taikitsadaporn	Clarification of some definition and field usage text within message.
	December 23, 2011	Rich Shriver	Revised enum capitalization for the following fields per standard for enum descriptions: SecurityIDSource (22) ObligationType (1739) TradePriceNegotiationMethod (1740)
	January 11, 2012	Lisa Taikitsadaporn	Final clean up pre-publishing; replaced remaining "TBD" in text with assigned tag numbers, regenerated TOC and fixed section heading format for appendices C and D.

1 Introduction

Global Derivatives Committee is requesting a set of changes focused on ensuring uniform Instrument definition and Price specification of Credit Default Swaps in FIX Protocol, in particular for TradeCaptureReport message to be used in CDS “OTC Clearing” processes. This proposal addresses enhancing the capabilities of the <Instrument> message block to specify the type of CDS reference obligation and new SecurityIDSource enumeration values for Markit RED codes. For TradeCaptureReport, ExecutionReport, NewOrderSingle and NewOrderMultileg messages it defines a new field TradePxNegotiationMethod as well as three other new fields UpfrontPrice, LastUpfrontPx and UpfrontPriceType for specifying upfront price component in swap deals.

The need for additional CDS-specific fields with price information is due to the fact that CDS contract price is defined by a combination of running spread and upfront payment information. This extension is especially important now after “Big Bang” Protocol implementation when Credit Default Swaps are rarely traded without upfront payment exchange.

2 Business Requirements

2.1 SecurityIDSource Extension

Add new SecurityIDSource enumeration values for Markit RED Entity CLIP and Markit RED Pair CLIP, which will be used for credit derivatives contract definition in the <Instrument> component block.

- Add a new value for Markit RED Entity CLIP
 - Markit Reference Entity Database (RED) is governed by an Advisory Board (representatives from seven major institutions), which determines policy, data usage and fee structure to ensure the service meets subscribers’ requirements. Markit RED is also governed by a User Group consisting of a representative from each subscribing firm. The CUSIP Service Bureau, with a long established history in providing unique numbering systems, determines the CLIPS that are assigned to the reference entities.
- Add a new value for Markit RED Pair CLIP
 - Unique, nine-digit alpha-numeric CLIPS identify a reference entity / obligation pair. From 30 June 2005, nine-digit CLIPS are mandatory for dealers matching on DTCC. The CUSIP Service Bureau, with a long established history in providing unique numbering systems, determines the CLIPS that are assigned to the reference entities and their obligation pairs.

2.2 ObligationType Extension

Add new enumeration field in the <Instrument> component block to specify type of reference obligation for credit derivatives contracts.

- Add new enum indicating that reference obligation type is “Bond”. Assign a new enum to this value. This will be the default value in case ObligationType field is omitted.
- Add new enum indicating that reference obligation type is “Convertible Bond”. Assign a new enum to this value.
- Add new enum indicating that reference obligation type is “Mortgage”. Assign a new enum to this value.
- Add new enum indicating that reference obligation type is “Loan”. Assign a new enum to this value.

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

2.3 TradePxNegotiationMethod Extension

Add a field to the main level of the TradeCaptureReport, ExecutionReport, NewOrderSingle and NewOrderMultileg messages, which can be used to express the method used for negotiation of CDS contract price. The field would be conditionally specified when the SecurityType (tag 167) is set to a value of "CDS" in the <Instrument> component block.

- Add a new field called TradePxNegotiationMethod with an initial set of enumerations
 - Add to the main level of TradeCaptureReport, ExecutionReport, NewOrderSingle and NewOrderMultileg
 - TradePxNegotiationMethod would be conditionally specified when the SecurityType (tag 167) is set to a value of "CDS" in the <Instrument> component block
 - Add new enum indicating that trade price negotiation method is Percent of Par. Under this method trade price is specified by tags Price(44) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) for TradeCaptureReport and ExecutionReport messages. Optionally required is tag PriceType(423) set to '1', i.e. percent of par.
 - Add new enum indicating that trade price negotiation method is Deal Spread. Under this method trade price is specified by tags Price(44) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) for TradeCaptureReport and ExecutionReport messages. Optionally required is tag PriceType(423) set to '6', i.e. basis points spread.
 - Add new enum indicating that trade price negotiation method is Upfront Points. Under this method trade price is specified by tags Price(44) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) for TradeCaptureReport and ExecutionReport messages. Optionally required is tag PriceType(423) set to '1', i.e. "dollar price".
 - Add new enum indicating that trade price negotiation method is Upfront Amount. Under this method trade price is specified by tags Price(44) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) for TradeCaptureReport and ExecutionReport messages. Optionally required is tag PriceType(423) set to '3', i.e. fixed amount.
 - Add new enum indicating that trade price negotiation method is a combination of Percent of Par and Upfront Amount. Under this method trade price is specified by tags Price(44) and UpfrontPrice(1742) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) and LastUpfrontPrice(1743) for TradeCaptureReport and ExecutionReport messages. Optionally required are tags PriceType(423) set to '1', i.e. percent of par, and UpfrontPriceType(TBD) set to '3', i.e. fixed amount.
 - Add new enum indicating that trade price negotiation method is a combination of Deal Spread and Upfront Amount. Under this method trade price is specified by tags Price(44) and UpfrontPrice(1742) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) and LastUpfrontPrice(1743) for TradeCaptureReport and ExecutionReport messages. Optionally required are tags PriceType(423) set to '6', i.e. basis points spread, and UpfrontPriceType(1741) set to '3', i.e. fixed amount.
 - Add new enum indicating that trade price negotiation method is a combination of Upfront Points and Upfront Amount. Under this method trade price is specified by tags Price(44) and UpfrontPrice(1742) for NewOrderSingle, NewOrderMultileg and ExecutionReport messages or LastPx(31) and LastUpfrontPrice(1743) for TradeCaptureReport and

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

ExecutionReport messages. Optionally required are tags PriceType(423) set to '1', i.e. "dollar price", and UpfrontPriceType(1741) set to '3', i.e. fixed amount.

2.4 UpfrontPriceType Extension

Add new enumeration field to the main level of the TradeCaptureReport, ExecutionReport, and NewOrderSingle and NewOrderMultileg messages to specify type of price used to determine upfront payment for swaps. The field would be optionally specified when either tag UpfrontPrice(1742) or LastUpfrontPrice(1743) is present.

- Add new enum indicating that upfront price type is Percentage (i.e. percent of par or "dollar price"). Assign a new enum to this value.
- Add new enum indicating that upfront price type is Fixed Amount (absolute value). Assign a new enum to this value.

2.5 UpfrontPrice Extension

Add a field to the main level of the ExecutionReport, NewOrderSingle and NewOrderMultileg messages, which can be used to specify price used to determine upfront payment for CDS contracts. The field would be conditionally specified when tag TradePriceNegotiationMethod(1740) is present.

- Add to the main level of ExecutionReport, NewOrderSingle and NewOrderMultileg
- UpfrontPrice be conditionally specified when tag TradePriceNegotiationMethod(1740) is present

2.6 LastUpfrontPx Extension

Add a field to the main level of the TradeCaptureReport and ExecutionReport messages, which can be used to specify price used to determine upfront payment for CDS contracts. The field would be conditionally specified when tag TradePriceNegotiationMethod(1740) is present.

- Add to the main level of TradeCaptureReport and ExecutionReport
- UpfrontPrice be conditionally specified when tag TradePriceNegotiationMethod(1740) is present

3 Issues and Discussion Points

None

4 FIX message tables**4.1 TradeCaptureReport**

Tag	Example Values	Field Name	FIXML XPath	Rqd	Comments
		Standard Header		Y	MsgType = AE

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

75	20100308	<i>TradeDate</i>	<i>TrdCaptRpt/ @TrdDt</i>	Y	
1125	20100305	<i>OrigTradeDate</i>	<i>TrdCaptRpt/ @OrigTrdDt</i>	N	Conditionally required for prior day trades
32	1000000	<i>LastQty</i>	<i>TrdCaptRpt/ @LastQty</i>	Y	Notional amount
31	0.025	<i>LastPx</i>	<i>TrdCaptRpt/ @LastPx</i>	Y	
423	6	<i>PriceType</i>	<i>TrdCaptRpt/ @PxTyp</i>	Y	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value) 6 - Spread (basis points spread) 9 - Yield
15	USD	<i>Currency</i>	<i>TrdCaptRpt/ @Ccy</i>	N	Currency used for price
1740	5	<i>TradePriceNegotiationMethod</i>	<i>TrdCaptRpt/ @PxNeg</i>	Y	0 - Percent of par 1 - Deal spread 2 - Upfront points 3 - Upfront amount 4 - Percent of par and upfront amount 5 - Deal spread and upfront amount 6 - Upfront points and upfront amount
1743	150000	<i>LastUpfrontPrice</i>	<i>TrdCaptRpt/ @LastUpfrontPx</i>	N	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of Par and Upfront Amount), 5(Deal Spread and Upfront Amount) or 6(Upfront Points and Upfront Amount).
1741	3	<i>UpfrontPriceType</i>	<i>TrdCaptRpt/ @UpfrontPxTyp</i>	N	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value)
		...			

4.2 ExecutionReport

Tag	Example Values	Field Name	FIXML XPath	Rqd	Comments
		<i>Standard Header</i>		Y	MsgType = 8
75	20100308	<i>TradeDate</i>	<i>ExecRpt/ /@TrdDt</i>	Y	
32	1000000	<i>LastQty</i>	<i>ExecRpt/ @LastQty</i>	Y	Notional amount
31	0.025	<i>LastPx</i>	<i>ExecRpt/ @LastPx</i>	Y	

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

423	6	<i>PriceType</i>	<i>ExecRpt/ @PxTyp</i>	Y	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value) 6 - Spread (basis points spread) 9 - Yield
44	0.025	<i>Price</i>	<i>ExecRpt/ @Px</i>	N	Required if specified on the order
15	USD	<i>Currency</i>	<i>ExecRpt/ @Ccy</i>	N	Currency used for price
1743	150000	<i>LastUpfrontPrice</i>	<i>ExecRpt/ @LastUpfro ntPx</i>	N	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of Par and Upfront Amount), 5(Deal Spread and Upfront Amount) or 6(Upfront Points and Upfront Amount).
1740	5	<i>TradePriceNegotiationMethod</i>	<i>ExecRpt/ @PxNeg</i>	Y	0 - Percent of par 1 - Deal spread 2 - Upfront points 3 - Upfront amount 4 - Percent of par and upfront amount 5 - Deal spread and upfront amount 6 - Upfront points and upfront amount
1741	3	<i>UpfrontPriceType</i>	<i>ExecRpt/ @UpfrontPx Typ</i>	N	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value)
1742	150000	<i>UpfrontPrice</i>	<i>ExecRpt/ @UpfrontPx</i>	N	Required if specified on the order
		...			

4.3 NewOrder - Single

Tag	Example Values	Field Name	FIXML XPath	Rqd	Comments
		<i>Standard Header</i>		Y	MsgType = D
32	1000000	<i>OrderQty</i>	<i>Order/ @LastQty</i>	Y	Notional amount
423	6	<i>PriceType</i>	<i>Order / @PxTyp</i>	Y	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value) 6 - Spread (basis points spread) 9 - Yield
44	0.025	<i>Price</i>	<i>Order / @Px</i>	Y	

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

15	USD	<i>Currency</i>	<i>Order / @Ccy</i>	N	Currency used for price
1740	5	<i>TradePriceNegotiationMethod</i>	<i>Order / @PxNeg</i>	Y	0 – Percent of par 1 – Deal spread 2 – Upfront points 3 – Upfront amount 4 – Percent of par and upfront amount 5 – Deal spread and upfront amount 6 – Upfront points and upfront amount
1741	3	<i>UpfrontPriceType</i>	<i>Order / @UpfrontPxTyp</i>	N	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value)
1742	150000	<i>UpfrontPrice</i>	<i>Order / @Upfrontpx</i>	N	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of Par and Upfront Amount), 5(Deal Spread and Upfront Amount) or 6(Upfront Points and Upfront Amount).
		...			

4.4 NewOrder - Multileg

Tag	Example Values	Field Name	FIXML XPath	Rqd	Comments
		<i>Standard Header</i>		Y	MsgType = AB
32	1000000	<i>OrderQty</i>	<i>NewOrdMleg / @tQty</i>	Y	Notional amount
423	6	<i>PriceType</i>	<i>NewOrdMleg / @PxTyp</i>	Y	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value) 6 - Spread (basis points spread) 9 – Yield
44	0.025	<i>Price</i>	<i>NewOrdMleg / @Px</i>	Y	
15	USD	<i>Currency</i>	<i>NewOrdMleg / @Ccy</i>	N	Currency used for price

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

1740	5	<i>TradePriceNegotiationMethod</i>	<i>NewOrdMleg / @PxNeg</i>	Y	0 – Percent of par 1 – Deal spread 2 – Upfront points 3 – Upfront amount 4 – Percent of par and upfront amount 5 – Deal spread and upfront amount 6 – Upfront points and upfront amount
1741	3	<i>UpfrontPriceType</i>	<i>NewOrdMleg / @UpfrontPxTyp</i>	N	1 - Percentage (i.e. percent of par or "dollar price") 3 - Fixed amount (absolute value)
1742	150000	<i>UpfrontPrice</i>	<i>NewOrdMleg / @UpfrontPx</i>	N	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of Par and Upfront Amount), 5(Deal Spread and Upfront Amount) or 6(Upfront Points and Upfront Amount).
		...			

5 FIX component blocks

5.1 Instrument

5.1.1 Instrument component block

Symbol – use “[N/A]” when there are no applicable symbol. For corporate bonds the symbol or ticker for the company issuing the security can be used in this field.

SecurityID and SecurityIDSource are both required.

SecurityType is required

Factor is conditionally required when it is not equal to one (1) for ABS CDS or LCDS.

Component block <Instrument>					
Tag	Example Values	Field Name	FIXML XPath	Rqd	Comments
55	[N/A]	<i>Symbol</i>	<i>TrdCaptRpt/Instrmt/ @Sym</i>	***	
48	2I65BYAS4	<i>SecurityID</i>	<i>TrdCaptRpt/Instrmt/ @ID</i>	Y	

Instrument Definition and Trade Price Extensions for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

22	N	<i>SecurityIDSource</i>	<i>TrdCaptRpt/Instrmt/ @Src</i>	Y	H – Clearing house N – Markit RED entity CLIP P – Markit RED pair CLIP
167	CDS	<i>SecurityType</i>	<i>TrdCaptRpt/Instrmt/ @SecTyp</i>	Y	CDS – Credit Default Swap IRS – Interest Rate Swap
200	200912	<i>MaturityMonthYear</i>	<i>TrdCaptRpt/Instrmt/ @MMY</i>	Y	
207	CMD	<i>SecurityExchange</i>	<i>TrdCaptRpt/Instrmt/ @Exch</i>	N	
223	5.0	<i>CpnRate</i>	<i>TrdCaptRpt/Instrmt/ @CpnRt</i>	Y	
1739	BM	<i>ObligationType</i>	<i>TrdCaptRpt/Instrmt/ @ObligTyp</i>	N	0 - Bond 1 - Convertible bond 2 - Mortgage 3 - Loan
1450	SR	<i>Seniority</i>	<i>TrdCaptRpt/Instrmt/ @Snrty</i>	N	SD - Senior Secured SR - Senior SB - Subordinated
1449	XR	<i>RestructuringType</i>	<i>TrdCaptRpt/Instrmt/ @RstrctTyp</i>	N	FR - Full Restructuring MR - Modified Restructuring MM - Modified Mod Restructuring XR - NoRestructuring specified
228	0.96	<i>Factor</i>	<i>TrdCaptRpt/Instrmt/ @Fctr</i>	N	
1451		<i>NotionalPercentage Outstanding</i>	<i>TrdCaptRpt/Instrmt/ @NotlPctOut</i>	N	
1452		<i>OriginalNotionalPer centageOutstanding</i>	<i>TrdCaptRpt/Instrmt/ @OrigNotlPctOut</i>	N	
1457		<i>AttachmentPoint</i>	<i>TrdCaptRpt/Instrmt/ @AttchPnt</i>	N	For Index Tranche Trading/ Correlation Trading
1458		<i>DetachmentPoint</i>	<i>TrdCaptRpt/Instrmt/ @DetchPnt</i>	N	For Index Tranche Trading/ Correlation Trading
End </Instrument>					

6 Appendix A - Data Dictionary Extensions

Tag	Field Name	Action	Data type	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
22	SecurityIDSource	Add Enums	char	Valid values are: 1 = CUSIP 2 = SEDOL 3 = QUIK 4 = ISIN number 5 = RIC code 6 = ISO Currency Code 7 = ISO Country Code 8 = Exchange symbol 9 = Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format) A = Bloomberg Symbol B = Wertpapier C = Dutch D = Valoren E = Sicovam F = Belgian G = "Common" (Clearstream and Euroclear) H = Clearing house / Clearing organization I = ISDA/FpML product specification(XML in SecurityXML(1185)) J = Option Price Reporting Authority K = ISDA/FpML product URL (URL in SecurityID(48)) L = Letter of credit M = Marketplace-assigned identifier N = Markit RED entity CLIP P = Markit RED pair CLIP		

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

Tag	Field Name	Action	Data type	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
1739	ObligationType	New	String	Type of reference obligation for credit derivatives contracts. 0 = Bond 1 = Convertible bond 2 = Mortgage 3 = Loan	ObligTyp	Add to <Instrument> component block
1740	TradePriceNegotiation Method	New	int	Method used for negotiation of contract price. 0 = Percent of par 1 = Deal spread 2 = Upfront points 3 = Upfront amount 4 = Percent of par and upfront Amount 5 = Deal spread and upfront amount 6 = Upfront points and upfront amount	PxNeg	Add to TradeCaptureReport, ExecutionReport, NewOrderSingle and NewOrderMultileg messages
1741	UpfrontPriceType	New	int	Type of price used to determine upfront payment for swaps contracts.	UpfrontPxTyp	Add to TradeCaptureReport, ExecutionReport, NewOrderSingle and NewOrderMultileg messages

Instrument Definition **and Trade Price Extensions** for CDS

FIX Protocol Gap Analysis - Instrument Definition and Trade Price Extensions for CDS v0.3_ASBUILT.doc

May 28, 2010 - Revision 0.3

Tag	Field Name	Action	Data type	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
				1 = Percentage (i.e. percent of par) (often called "dollar price" for fixed income) 3 = Fixed amount (absolute value)		
1742	UpfrontPrice	New	Price	Price used to determine upfront payment for swaps contracts.	UpfrontPx	Add to ExecutionReport, NewOrderSingle, NewOrderMultileg
1743	LastUpfrontPrice	New	Price	Price used to determine upfront payment for swaps contracts reported for a deal (trade).	LastUpfrontPx	Add to TradeCaptureReport, ExecutionReport

7 Appendix B - Glossary Entries

Term	Definition	Field where used

8 Appendix C – Abbreviations

Term	Proposed Abbreviation	Proposed Messages, Components, Fields where used
Negotiation	Neg	TradePxNegotiationMethod
Upfront	Upfront	UpFrontPriceType

9 Appendix D - Usage Examples